



YANMAR

OUR ATTACHMENT SOLUTION



YANMAR

**ATTACHMENT
SOLUTIONS**

BUILDING WITH YOU

OUR BRAND IS MORE THAN ONE HUNDRED YEARS OLD...



AGRICULTURE



CONSTRUCTION



ROADWORKS



LANDSCAPING



DEMOLITION



RECYCLING

Yanmar Compact Equipment is a global leader in the design, manufacture and supply of compact equipment for a wide range of segments, principally construction and other earthmoving applications. Our products include extensive ranges of mini and midi excavators, wheel loaders, wheeled excavators and tracked carriers. These are supported by a wide range of services designed to ensure customer success. Renowned for its innovative approach Yanmar CE remains a trusted brand known for its reliability, performance and commitment to customer satisfaction. These traits are demonstrated through the company's tagline – 'Building with you'.

APPLICATIONS

Our wide range of construction machines and attachments allow our customers to undertake many and various types of projects. Whether small tasks or big endeavors, inside or outside jobs, in the countryside or in the city, our compact equipment can support you in many areas.



INNOVATION

Innovation is the core of our DNA. At Yanmar CE, we don't just follow industry trends, we create them. Our unwavering commitment to research and development results in cutting-edge machinery. That's how our customers achieve maximum productivity and optimal safety on their construction sites. Indeed, safety is an absolute priority at Yanmar CE. We continually strive to incorporate the latest safety advancements into the design of our equipment, safeguarding not only your investment but also the lives of those who operate them. The reliability and durability of our machines brings peace of mind to your worksite.



BUILDING WITH YOU

... AND OUR FIRST MINI-EXCAVATOR WAS CREATED OVER 50 YEARS AGO!

PROXIMITY

Yanmar CE has a network of over 170 dealers across Europe. Proximity, speed, reliability and service quality are constant areas of concern for the Yanmar dealers. Our network offers routine maintenance contracts and services, emergency repairs and tailored advice. This proximity to our customers enables us to proactively address your specific needs, providing you with the best possible service.

SERVICES

Yet, Yanmar CE offers you more than just machines: we provide full solutions to respond to your challenges. Indeed, we offer a wide range of services that complement our machine range: financing solutions, leasing options, warranties, maintenance, resale of used machinery and attachments.

**NO MATTER WHAT YOUR PROJECT,
WE ARE READY TO BUILD IT WITH YOU!**



170
DEALER
PARTNERS



BUILDING WITH YOU

OFFERING A WIDE RANGE OF PRODUCTS AND SERVICES, **YANMAR CE IS THE IDEAL PARTNER FOR YOUR PROJECTS**

40

MACHINE MODELS

+5000

ATTACHMENTS REFERENCES

1

QUALITY



BUILDING WITH YOU

5 GOOD REASONS TO CHOOSE YANMAR ATTACHMENTS



1

CE CERTIFICATION

Our attachment range is fully integrated into the Yanmar quality process, mobilizing a dedicated team.

This means that all the products we offer have undergone rigorous load, hydraulic, and mechanical performance tests to become a Yanmar attachment and comply with CE regulations.



2

ONE POINT OF SALES

Choosing Yanmar, you can enjoy a simplified ordering process. This means you have one single contact person in the sales administration department for buying both machines and attachments.

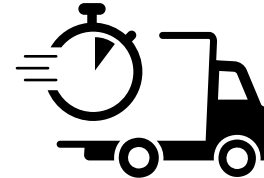


3

TWO SOLUTIONS

Factory fit: You buy the machine equipped with the attachment you chose. This is free of charge for quick hitches and powertilts.

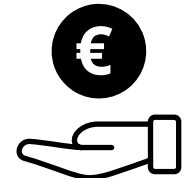
Standalone: You can purchase attachments as standalones.



4

REACTIVITY

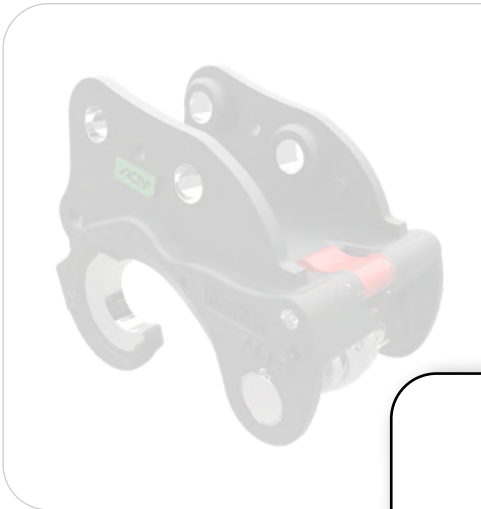
Yanmar EMEA has invested in a 2,500m² logistics center near our factory in France, dedicated to storing attachments. This ensures maximum availability, allowing us to deliver complete machine packages or standalone attachments swiftly, meeting your needs in the shortest possible time.



5

FINANCE

Attachments invoiced by Yanmar are covered in our financial solutions for Floor Plan and Retail operations. Enjoy immediate credit decisions, expert advice, and ongoing support.



MECHANICAL QUICK COUPLERS

ACB+ equips our range with 4 sizes called 'modules'.

Yanmar offers ACB+ couplers which perfectly adapt to your machine, respecting the kinematics and validated by our design office. These products are patented with a safety device on the locking cam: the form-lock. They comply with the latest EN474-1 and 5 and ISO13031 safety standards. This system ensures an unbreakable hold of the tool on the coupler and prevents any unintentional disconnection. The couplers also feature other functions ensuring a play-free hold of the tool.

Unlocking the mechanical couplers is done in one motion using the key: the safety device is lifted and then the cam is unlocked in the same motion. With the *Model Original* system, you only get off the machine

Tip:



indicate a clickable link

ing security, consisting of:
back – patented system.


risk of unlocking, even in

the event of safety stop failure.



The structure of the mechanical and hydraulic couplers is made of cast steel, ensuring long-term use. The locking and securing of the mechanical coupler are done automatically from the cabin by the simple movement of attaching the tool with the arm of the excavator. The grip is done by the hooks, then the locking follows in the rotational movement of the coupler towards the tool. A shape on the bucket releases the cam of the coupler, which locks it in position, and in the same movement, the safety device prevents the cam from rolling back. A mechanical indicator of proper attachment is visible from the cabin.

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YANMAR



EXCAVATORS



**WHEEL
LOADERS**

Should you miss any attachment reference, feel free to contact our Attachment Sales Manager EMEA, Christophe Duligat (christophe_duligat@yanmar.com).

BUILDING WITH YOU

OUR PARTNER OVERVIEW



1/ WE OFFER 4 DIFFERENT ENABLER SYSTEMS WITH SELECTED PARTNERS.

CR-SYSTEM*

BY CANGINI



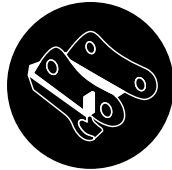
QUICK HITCH

L-SYSTEM*

BY CSERI AND CANGINI



POWERTILT



QUICK HITCH

R-SYSTEM

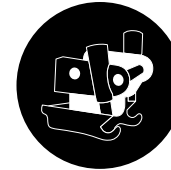
BY ACB+



QUICK HITCH

S-SYSTEM*

BY STEELWRIST AND CANGINI



TILTCOUPLER



QUICK HITCH



TILTROTATOR

*Reversible bucket system.

2/ AFTER CHOOSING A SYSTEM AND AN ENABLER, YOU CAN SELECT THE TOOL YOU NEED TO COVER ANY TYPE OF TASK.



DIGGING BUCKET



GRADING BUCKET



SWIVELING BUCKET



SKELETON BUCKET



RIPPER TOOTH



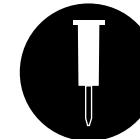
GRAPPLE BUCKET



FORKS



ADAPTER PLATE



BREAKER



SORTING GRAPPLE



4 IN 1 BUCKET



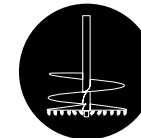
FORKS



SUPPORT SYSTEM



EARTH DRILL



AUGER

BUILDING WITH YOU

- \\ Mechanical Quick Hitch ..10 
- \\ Hydraulic Quick Hitch12 
- \\ Digging bucket14 
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bucket23 
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R-SYSTEM BY ACB+

YANMAR offers you the ACB+ range of mechanical and hydraulic couplers in the Morin Original system, as well as a complete range of tools specially designed for construction and renovation work, which will meet all your needs, whether for soft ground applications or much more demanding environments.

In collaboration with ACB+, our design office has verified and validated the compatibility of all attachments to ensure the safe integration of their products with our machines.



MECHANICAL QUICK HITCH

ACB+ equips our range with 4 sizes called 'modules'.

Yanmar offers ACB+ couplers which perfectly adapt to your machine, respecting the kinematics and validated by our design office. These products are patented with a safety device on the locking cam: the form-lock. They comply with the latest EN474-1 and ISO13031 safety standards. This system ensures an unbreakable hold of the tool on the coupler and prevents any unintentional disconnection. The couplers also feature other functions ensuring a play-free hold of the tool.

Unlocking the mechanical couplers is done in one motion using the key: the safety device is lifted and then the cam is unlocked in the same move. With the Morin Original system, you only get off the machine once for a complete hitch/unhitch cycle.

The mechanical coupler in the Morin Original system has a double locking security, consisting of:

- ❖ **A clear stop** with automatic engagement eliminating any risk of cam rollback – patented system.

- ❖ **A cam equipped** with the patented Form-lock system, eliminating any risk of unlocking, even in the event of safety stop failure.



The structure of the mechanical and hydraulic couplers is made of cast steel, ensuring long-term use. The locking and securing of the mechanical coupler are done automatically from the cabin by the simple movement of attaching the tool with the arm of the excavator. The grip is done by the hooks, then the locking follows in the rotational movement of the coupler towards the tool. A shape on the bucket releases the cam of the coupler, which locks it in position, and in the same movement, the safety device prevents the cam from rolling back. A mechanical indicator of proper attachment is visible from the cabin.

EXCAVATORS / R-SYSTEM

MECHANICAL QUICK HITCH



Machine compatibility	Designation	Weight	Max. Break Out Force (BOF) ISO*
SV08	Mechanical quick coupler module 0	17 kg	19 kN
ViO10, ViO12	Mechanical quick coupler module 0	19 kg	19 kN
ViO17	Mechanical quick coupler module 0	19 kg	19 kN
SV15, SV17, SV17e, SV19	Mechanical quick coupler module 0	19 kg	19 kN
SV22	Mechanical quick coupler module 1	33 kg	29 kN
ViO23	Mechanical quick coupler module 1	33 kg	29 kN
SV26, ViO27, ViO27lw, ViO33, ViO38	Mechanical quick coupler module 1	35 kg	29 kN
ViO50, ViO57, SV60	Mechanical quick coupler module 2	51 kg	39 kN
ViO80, B7S, SV86	Mechanical quick coupler module 3	98 kg	56 kN
B75W	Mechanical quick coupler module 3	97 kg	56 kN
B95W	Mechanical quick coupler module 3	97 kg	56 kN
ViO80, SV100	Mechanical quick coupler module 4	100 kg	73 kN
SV120	Mechanical quick coupler module 4	130 kg	73 kN
B110W	Mechanical quick coupler module 4	130 kg	73 kN

*According to ISO 6015: 2006 Standard, Methods of Determining Tool Forces.

HYDRAULIC QUICK HITCH

The hydraulic coupler in the Morin Original system has double security, consisting of:

- \\ Return springs ensuring the cam stays in position to minimize play,
- \\ A double-acting hydraulic cylinder, whose rod is constantly under pressure to keep the cam in the locked position.

This coupler also benefits from a cam equipped with the patented Form-lock system, eliminating any risk of accidental unlocking in case of failure of the two previous devices.

Attaching and detaching the tool is done from the cabin. ACB+ control box allows to set the coupler either in attachment or detachment position only by simultaneously pressing two buttons. An audible and visual signal accompanies these states on the ACB+ control box, and a mechanical locking indicator visible from the cabin is present on the quick coupler.


In case of hydraulic problems with the coupler's hoses, it can be unlocked with an emergency key, thus ensuring continuity of service until the repair is made.

To use a hydraulic quick hitch, you need to equip the machine with a dedicated hydraulic quick hitch line.



EXCAVATORS / **R-SYSTEM**

HYDRAULIC QUICK HITCH

Machine compatibility	Designation	Weight	Max. Break Out Force (BOF) ISO*	Max. locking pressure	Max. unlocking pressure
ViO23, SV26, ViO27, ViO27Lw, ViO33, ViO38	Hydraulic quick coupler module H1S	44 kg	29 kN	45 bar	280 bar
ViO50, ViO57, SV60	Hydraulic quick coupler module H2S	61 kg	39 kN	45 bar	280 bar
B75W	Hydraulic quick coupler module H3S	107 kg	56 kN	45 bar	280 bar
B95W	Hydraulic quick coupler module H3S	107 kg	56 kN	45 bar	280 bar
B7S, ViO80, SV86	Hydraulic quick coupler module H3S	107 kg	56 kN	45 bar	280 bar
SV100	Hydraulic quick coupler module H4S	149 kg	73 kN	45 bar	280 bar
SV120	Hydraulic quick coupler module H4S	149 kg	73 kN	45 bar	280 bar
B110W	Hydraulic quick coupler module H4S	149 kg	73 kN	45 bar	280 bar



DIGGING BUCKET

The digging bucket is the classic tool of the excavator. Various widths are available for your excavation, earthmoving, or material loading work.

This bucket has a deep profile, designed to avoid friction in trenches, and comes standard with a double bottom for maximum longevity.


Made of a box-welded beam, this bucket is equipped in the standard (HD) version with a complete double bottom and side protectors known as commas.

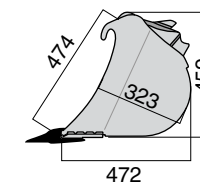
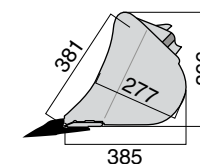
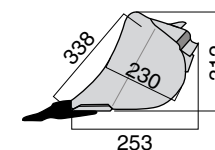
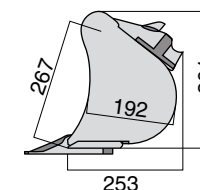


EXCAVATORS / R-SYSTEM

DIGGING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	SV08, ViO10, ViO12	Digging bucket serie 00 with teeth (Esco V13SYL)	17 kg	9 l	200 mm
		Digging bucket serie 00 with teeth (Esco V13SYL)	22 kg	11 l	250 mm
		Digging bucket serie 00 with teeth (Esco V13SYL)	25 kg	14 l	300 mm
		Digging bucket serie 00 with teeth (Esco V13SYL)	27 kg	20 l	400 mm
		Digging bucket serie 00 with teeth (Esco V13SYL)	29 kg	23 l	450 mm
		Digging bucket serie 00 with teeth (Esco V13SYL)	31 kg	26 l	500 mm
		Digging bucket serie 00 with teeth (Esco V13SYL)	32 kg	32 l	600 mm
	ViO10, ViO12	Digging bucket serie 01 with teeth (Esco V13SYL)	19 kg	11 l	200 mm
		Digging bucket serie 01 with teeth (Esco V13SYL)	22 kg	14 l	250 mm
		Digging bucket serie 01 with teeth (Esco V13SYL)	24 kg	18 l	300 mm
		Digging bucket serie 01 with teeth (Esco V13SYL)	26 kg	21 l	350 mm
		Digging bucket serie 01 with teeth (Esco V13SYL)	29 kg	25 l	400 mm
		Digging bucket serie 01 with teeth (Esco V13SYL)	31 kg	29 l	450 mm
		Digging bucket serie 01 with teeth (Esco V13SYL)	34 kg	33 l	500 mm
	SV15, SV17, SV17e, ViO17, SV19	Digging bucket serie 02 with teeth (Esco V13SYL)	22 kg	15 l	200 mm
		Digging bucket serie 02 with teeth (Esco V13SYL)	24 kg	19 l	250 mm
		Digging bucket serie 02 with teeth (Esco V13SYL)	28 kg	24 l	300 mm
		Digging bucket serie 02 with teeth (Esco V13SYL)	31 kg	29 l	350 mm
		Digging bucket serie 02 with teeth (Esco V13SYL)	34 kg	34 l	400 mm
		Digging bucket serie 02 with teeth (Esco V13SYL)	35 kg	40 l	450 mm
		Digging bucket serie 02 with teeth (Esco V13SYL)	39 kg	43 l	500 mm
		Digging bucket serie 02 with teeth (Esco V13SYL)	42 kg	50 l	550 mm
	SV22, ViO23	Digging bucket serie 12 with teeth (Esco V13SYL)	42 kg	30 l	260 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	45 kg	37 l	300 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	48 kg	44 l	350 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	52 kg	52 l	400 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	58 kg	61 l	450 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	60 kg	70 l	500 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	65 kg	78 l	550 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	71 kg	86 l	600 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	76 kg	95 l	650 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	82 kg	103 l	700 mm
		Digging bucket serie 12 with teeth (Esco V13SYL)	90 kg	120 l	800 mm*



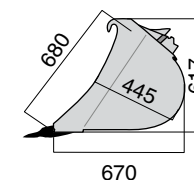
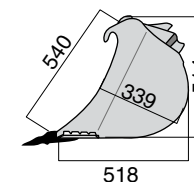
*Only for SV22.

EXCAVATORS / R-SYSTEM

DIGGING BUCKET



Machine compatibility	Designation	Weight	Volume	Width
SV26, ViO27, ViO27Lw, ViO33, ViO38	Digging bucket serie 13 with teeth (Esco V13SYL)	44 kg	40 l	260 mm
	Digging bucket serie 13 with teeth (Esco V13SYL)	51 kg	44 l	300 mm
	Digging bucket serie 13 with teeth (Esco V13SYL)	57 kg	54 l	350 mm
	Digging bucket serie 13 with teeth (Esco V13SYL)	60 kg	65 l	400 mm
	Digging bucket serie 13 with teeth (Esco V13SYL)	64 kg	73 l	450 mm
	Digging bucket serie 13 with teeth (Esco V13SYL)	68 kg	86 l	500 mm
	Digging bucket serie 13 with teeth (Esco V13SYL)	72 kg	96 l	550 mm
	Digging bucket serie 13 with teeth (Esco V13SYL)	77 kg	107 l	600 mm
	Digging bucket serie 13 with teeth (Esco V13SYL)	82 kg	118 l	650 mm
	Digging bucket serie 13 with teeth (Esco V13SYL)	90 kg	128 l	700 mm
ViO50, ViO57, SV60	Digging bucket serie 13 with teeth (Esco V13SYL)	99 kg	150 l	800 mm*
	Digging bucket serie 23 with teeth (Esco V13SYL)	72 kg	68 l	300 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	77 kg	84 l	350 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	84 kg	100 l	400 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	91 kg	116 l	450 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	98 kg	132 l	500 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	103 kg	148 l	550 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	111 kg	164 l	600 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	117 kg	181 l	650 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	123 kg	197 l	700 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	132 kg	214 l	750 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	135 kg	219 l	800 mm
	Digging bucket serie 23 with teeth (Esco V13SYL)	152 kg	264 l	900 mm



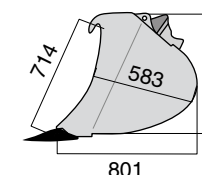
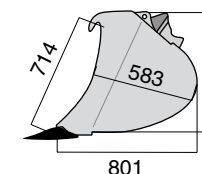
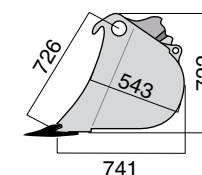
*Only for ViO33 and ViO38. Please refer to the attachments manual to check the stability of the machine depending on the configuration and the articles chosen (stability made with canopy + short arm + without additional counterweights: 295 kg).

EXCAVATORS / R-SYSTEM

DIGGING BUCKET



Machine compatibility	Designation	Weight	Volume	Width
B7S, ViO80, SV86	Digging bucket serie 32 with teeth (Esco U20S)	121 kg	96 l	300 mm
	Digging bucket serie 32 with teeth (Esco U20S)	128 kg	90 l	320 mm
	Digging bucket serie 32 with teeth (Esco U20S)	125 kg	111 l	350 mm
	Digging bucket serie 32 with teeth (Esco U20S)	127 kg	125 l	400 mm
	Digging bucket serie 32 with teeth (Esco U20S)	136 kg	135 l	450 mm
	Digging bucket serie 32 with teeth (Esco U20S)	150 kg	165 l	500 mm
	Digging bucket serie 32 with teeth (Esco U20S)	163 kg	177 l	550 mm
	Digging bucket serie 32 with teeth (Esco U20S)	169 kg	205 l	600 mm
	Digging bucket serie 32 with teeth (Esco U20S)	186 kg	219 l	650 mm
	Digging bucket serie 32 with teeth (Esco U20S)	191 kg	247 l	700 mm
	Digging bucket serie 32 with teeth (Esco U20S)	199 kg	260 l	750 mm
	Digging bucket serie 32 with teeth (Esco U20S)	170 kg	285 l	800 mm
	Digging bucket serie 32 with teeth (Esco U20S)	214 kg	301 l	850 mm
	Digging bucket serie 32 with teeth (Esco U20S)	185 kg	325 l	900 mm
	Digging bucket serie 32 with teeth (Esco U20S)	242 kg	343 l	950 mm*
SV100	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	162 kg	87 l	350 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	160 kg	145 l	410 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	210 kg	200 l	450 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	180 kg	180 l	500 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	200 kg	225 l	600 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	225 kg	275 l	700 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	240 kg	325 l	800 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	265 kg	370 l	900 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	280 kg	420 l	1000 mm
SV120	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	162 kg	87 l	350 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	160 kg	145 l	400 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	210 kg	200 l	450 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	180 kg	180 l	500 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	200 kg	225 l	600 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	225 kg	275 l	700 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	240 kg	325 l	800 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	265 kg	370 l	900 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	280 kg	420 l	1000 mm



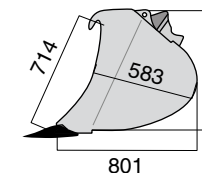
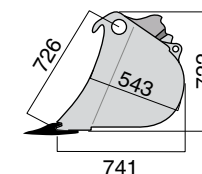
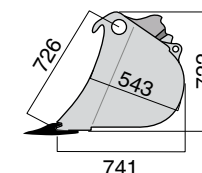
*Only for SV86.

EXCAVATORS / R-SYSTEM

DIGGING BUCKET



Machine compatibility	Designation	Weight	Volume	Width
B75W	Digging bucket serie 32 with teeth (Esco U20S)	125 kg	105 l	350 mm
	Digging bucket serie 32 with teeth (Esco U20S)	127 kg	115 l	400 mm
	Digging bucket serie 32 with teeth (Esco U20S)	136 kg	137 l	450 mm
	Digging bucket serie 32 with teeth (Esco U20S)	150 kg	157 l	500 mm
	Digging bucket serie 32 with teeth (Esco U20S)	163 kg	177 l	550 mm
	Digging bucket serie 32 with teeth (Esco U20S)	169 kg	198 l	600 mm
	Digging bucket serie 32 with teeth (Esco U20S)	186 kg	219 l	650 mm
	Digging bucket serie 32 with teeth (Esco U20S)	191 kg	239 l	700 mm
	Digging bucket serie 32 with teeth (Esco U20S)	199 kg	260 l	750 mm
	Digging bucket serie 32 with teeth (Esco U20S)	206 kg	280 l	800 mm
	Digging bucket serie 32 with teeth (Esco U20S)	214 kg	301 l	850 mm
	Digging bucket serie 32 with teeth (Esco U20S)	121 kg	96 l	300 mm
B95W	Digging bucket serie 32 with teeth (Esco U20S)	128 kg	90 l	320 mm
	Digging bucket serie 32 with teeth (Esco U20S)	125 kg	111 l	350 mm
	Digging bucket serie 32 with teeth (Esco U20S)	127 kg	125 l	400 mm
	Digging bucket serie 32 with teeth (Esco U20S)	136 kg	135 l	450 mm
	Digging bucket serie 32 with teeth (Esco U20S)	150 kg	165 l	500 mm
	Digging bucket serie 32 with teeth (Esco U20S)	163 kg	177 l	550 mm
	Digging bucket serie 32 with teeth (Esco U20S)	169 kg	205 l	600 mm
	Digging bucket serie 32 with teeth (Esco U20S)	186 kg	219 l	650 mm
	Digging bucket serie 32 with teeth (Esco U20S)	191 kg	247 l	700 mm
	Digging bucket serie 32 with teeth (Esco U20S)	199 kg	260 l	750 mm
	Digging bucket serie 32 with teeth (Esco U20S)	170 kg	280 l	800 mm
	Digging bucket serie 32 with teeth (Esco U20S)	214 kg	301 l	850 mm
	Digging bucket serie 32 with teeth (Esco U20S)	185 kg	325 l	900 mm
	Digging bucket serie 32 with teeth (Esco U20S)	242 kg	343 l	950 mm
	Digging bucket serie 32 with teeth (Esco U20S)	250 kg	364 l	1000 mm
B110W	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	162 kg	87 l	350 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	160 kg	145 l	400 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	210 kg	200 l	450 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	180 kg	180 l	500 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	200 kg	225 l	600 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	225 kg	275 l	700 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	240 kg	325 l	800 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	265 kg	370 l	900 mm
	Digging bucket serie 40 - Profil 4CP6E with teeth (Esco U20S)	280 kg	420 l	1000 mm



GRADING BUCKET

The grading bucket has a wide opening and is used for finishing work such as cleaning ditches, sloping, and leveling.

A grading bucket, unlike a digging bucket, does not have teeth. It is smooth, allowing it to flatten surfaces as efficiently as possible.

A reversible bolt-on cutting edge can be added to protect the leading edge.

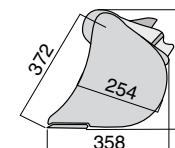
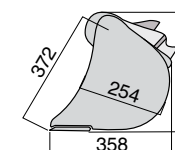
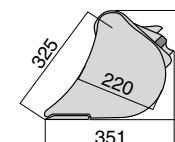
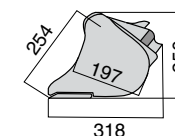
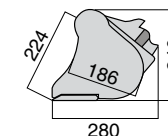


EXCAVATORS / R-SYSTEM

GRADING BUCKET



Machine compatibility	Designation	Weight	Volume	Width
SV08	Grading bucket serie 00	27 kg	27 l	600 mm
	Grading bucket serie 00	33 kg	37 l	800 mm
	Grading bucket serie 00	39 kg	47 l	1000 mm
	Grading bucket serie 00 with bolted counterblade	40 kg	27 l	600 mm
	Grading bucket serie 00 with bolted counterblade	45 kg	37 l	800 mm
ViO10, ViO12	Grading bucket serie 01	27 kg	27 l	600 mm
	Grading bucket serie 01	33 kg	37 l	800 mm
	Grading bucket serie 01	39 kg	47 l	1000 mm
	Grading bucket serie 01 with bolted counterblade	46 kg	116 l	800 mm
SV15, SV17, SV17e, ViO17, SV19	Grading bucket serie 02	42 kg	58 l	800 mm
	Grading bucket serie 02	46 kg	62 l	850 mm
	Grading bucket serie 02	52 kg	74 l	1000 mm*
	Grading bucket serie 02 with bolted counterblade	43 kg	30 l	750 mm
	Grading bucket serie 02 with bolted counterblade	60 kg	58 l	800 mm
	Grading bucket serie 02 with bolted counterblade	64 kg	62 l	850 mm
SV22, ViO23	Grading bucket serie 02 with bolted counterblade	72 kg	74 l	1000 mm*
	Grading bucket serie 13	60 kg	78 l	800 mm
	Grading bucket serie 13	70 kg	99 l	1000 mm
	Grading bucket serie 13	80 kg	121 l	1200 mm
	Grading bucket serie 12 with bolted counterblade	90 kg	99 l	1000 mm
SV26, ViO27, ViO27LW, ViO33, ViO38	Grading bucket serie 13	60 kg	78 l	800 mm
	Grading bucket serie 13	70 kg	99 l	1000 mm
	Grading bucket serie 13	80 kg	121 l	1200 mm
	Grading bucket serie 13	84 kg	131 l	1300 mm
	Grading bucket serie 13	91 kg	141 l	1400 mm**
	Grading bucket serie 13	94 kg	152 l	1500 mm**
	Grading bucket serie 13 with bolted counterblade	104 kg	121 l	1200 mm
	Grading bucket serie 13 with bolted counterblade	111 kg	131 l	1300 mm**
	Grading bucket serie 13 with bolted counterblade	118 kg	141 l	1400 mm**
	Grading bucket serie 13 with bolted counterblade	125 kg	152 l	1500 mm**



*Only for SV17, ViO17, SV19.

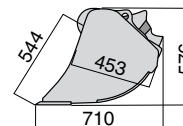
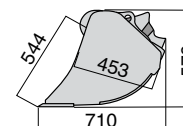
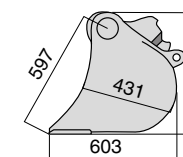
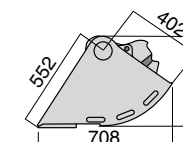
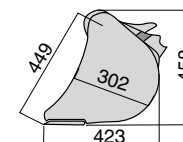
** Please refer to the attachments manual to check the stability of the machine depending on the configuration and the articles chosen (stability made with canopy + short arm + without additional counterweights: 295 kg).

EXCAVATORS / R-SYSTEM

GRADING BUCKET



Machine compatibility	Designation	Weight	Volume	Width
ViO50, ViO57, SV60	Grading bucket serie 23	119 kg	171 l	1200 mm
	Grading bucket serie 23	135 kg	200 l	1400 mm
	Grading bucket serie 23	135 kg	216 l	1500 mm
	Grading bucket serie 23	141 kg	230 l	1600 mm
	Grading bucket serie 23 with bolted counterblade	169 kg	200 L	1400 mm
	Grading bucket serie 23 with bolted counterblade	188 kg	230 l	1600 mm*
B7S, ViO80, SV86	Grading bucket (Profil P1)	175 kg	218 l	1000 mm
	Grading bucket (Profil P1)	200 kg	298 l	1250 mm
	Grading bucket (Profil P1)	228 kg	335 l	1500 mm
	Grading bucket (Profil P1)	239 kg	358 l	1600 mm
	Grading bucket (Profil P1)	249 kg	382 l	1700 mm
	Grading bucket (Profil P1)	259 kg	405 l	1800 mm
	Grading bucket (Profil CT3N)	264 kg	461 l	1700 mm
	Grading bucket (Profil P1) with bolted counterblade	272 kg	335 l	1500 mm
	Grading bucket (Profil P1) with bolted counterblade	285 kg	358 l	1600 mm
ViO80, SV86, SV100	Grading bucket (Profil 4CP1E)	286 kg	363 l	1500 mm
	Grading bucket (Profil 4CP1E)	302 kg	388 l	1600 mm
	Grading bucket (Profil 4CP1E)	316 kg	414 l	1700 mm
	Grading bucket (Profil 4CP1E)	331 kg	440 l	1800 mm
	Grading bucket (Profil 4CP1E) with bolted counterblade	330 kg	363 l	1500 mm
	Grading bucket (Profil 4CP1E) with bolted counterblade	348 kg	388 l	1600 mm
	Grading bucket (Profil 4CP1E) with bolted counterblade	365 kg	414 l	1700 mm
	Grading bucket (Profil 4CP1E) with bolted counterblade	383 kg	440 l	1800 mm**
SV120	Grading bucket (Profil 4CP1E)	286 kg	363 l	1500 mm
	Grading bucket (Profil 4CP1E)	302 kg	388 l	1600 mm
	Grading bucket (Profil 4CP1E)	316 kg	414 l	1700 mm
	Grading bucket (Profil 4CP1E)	331 kg	440 l	1800 mm
	Grading bucket (Profil 4CP1E) with bolted counterblade	330 kg	363 l	1500 mm
	Grading bucket (Profil 4CP1E) with bolted counterblade	348 kg	388 l	1600 mm
	Grading bucket (Profil 4CP1E) with bolted counterblade	365 kg	414 l	1700 mm
	Grading bucket (Profil 4CP1E) with bolted counterblade	383 kg	440 l	1800 mm



*Only for ViO57, SV60.

**Only for SV100.

EXCAVATORS / R-SYSTEM

GRADING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width	
	B75W	Grading bucket (Profil P1)	175 kg	218 l	1000 mm	
		Grading bucket (Profil P1)	200 kg	298 l	1250 mm	
		Grading bucket (Profil P1)	228 kg	335 l	1500 mm	
		Grading bucket (Profil P1)	239 kg	358 l	1600 mm	
		Grading bucket (Profil P1) with bolted counterblade	272 kg	335 l	1500 mm	
		Grading bucket (Profil P1) with bolted counterblade	285 kg	358 l	1600 mm	
	B95W	Grading bucket (Profil P1)	175 kg	218 l	1000 mm	
		Grading bucket (Profil P1)	200 kg	298 l	1250 mm	
		Grading bucket (Profil P1)	228 kg	335 l	1500 mm	
		Grading bucket (Profil P1)	239 kg	358 l	1600 mm	
		Grading bucket (Profil P1)	249 kg	382 l	1700 mm	
		Grading bucket (Profil P1)	259 kg	405 l	1800 mm	
		Grading bucket (Profil P1) with bolted counterblade	272 kg	335 l	1500 mm	
		Grading bucket (Profil P1) with bolted counterblade	285 kg	358 l	1600 mm	
		Grading bucket (Profil P1) with bolted counterblade	298 kg	382 l	1700 mm	
	B110W	Grading bucket (Profil 4CP1E)	286 kg	363 l	1500 mm	
		Grading bucket (Profil 4CP1E)	302 kg	388 l	1600 mm	
		Grading bucket (Profil 4CP1E)	316 kg	414 l	1700 mm	
		Grading bucket (Profil 4CP1E)	331 kg	440 l	1800 mm	
		Grading bucket (Profil 4CP1E) with bolted counterblade	330 kg	363 l	1500 mm	
		Grading bucket (Profil 4CP1E) with bolted counterblade	348 kg	388 l	1600 mm	
		Grading bucket (Profil 4CP1E) with bolted counterblade	365 kg	414 l	1700 mm	
		Grading bucket (Profil 4CP1E) with bolted counterblade	383 kg	440 l	1800 mm	

SWIVELING GRADING BUCKET

The swiveling grading bucket gives you an additional degree of flexibility. You can create slopes and inclined surfaces relative to the machine's tracks. It is the ideal tool for road finishing, sloping, and landscaping work.

The 2×45° tilting grading buckets feature one or two cylinders depending on the size of the machine. They are connected to a generously sized joint, equipped with case-hardened bushings and grease retention seals. Cast parts, both on the head and body sides, give our ditching buckets optimal strength and rigidity.

A reversible bolt-on cutting edge can be added to protect the leading edge.

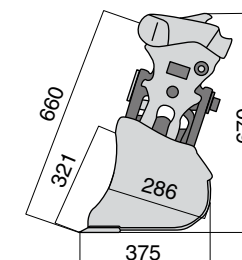
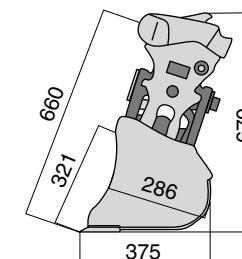
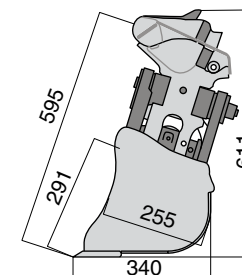


EXCAVATORS / R-SYSTEM

SWIVELING GRADING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	SV17, ViO17, SV19	Swivelling grading bucket Profil 0IP1	106 kg	74 l	1000 mm
	SV22, ViO23	Swivelling grading bucket Profil 0IP1	115 kg	74 l	1000 mm
	SV26, ViO27, ViO27LW, ViO33, ViO38	Swivelling grading bucket Profil 0IP1	118 kg	114 l	1200 mm

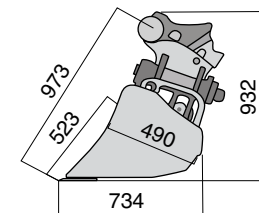
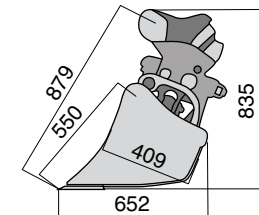
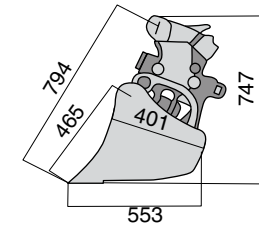


EXCAVATORS / R-SYSTEM

SWIVELING GRADING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	ViO50, ViO57, SV60	Swivelling bucket serie 2IP1	245 kg	233 l	1400 mm*
	B7S, ViO80, SV86	Swivelling bucket Profil 3IP1	302 kg	325 l	1500 mm
		Swivelling bucket Profil 3IP1	348 kg	348 l	1600 mm
	ViO80, SV86, SV100	Swivelling bucket Profil 4IP1	517 kg	416 l	1600 mm
		Swivelling bucket Profil 4IP1	535 kg	444 l	1700 mm
		Swivelling bucket Profil 4IP1	553 kg	471 l	1800 mm



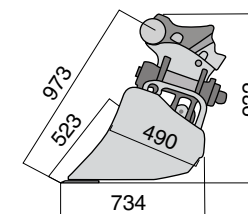
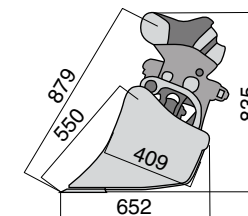
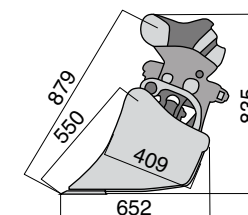
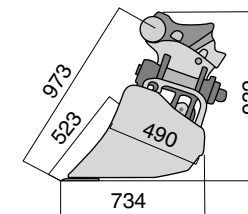
*Only with short arm + counterweight.

EXCAVATORS / R-SYSTEM

SWIVELING GRADING BUCKET



Machine compatibility	Designation	Weight	Volume	Width
SV120	Swivelling bucket Profil 4IP1	517 kg	416 l	1600 mm
	Swivelling bucket Profil 4IP1	535 kg	444 l	1700 mm
	Swivelling bucket Profil 4IP1	553 kg	471 l	1800 mm
B75W	Swivelling bucket Profil 3IP1	302 kg	325 l	1500 mm
	Swivelling bucket Profil 3IP1	348 kg	348 l	1600 mm
B95W	Swivelling bucket Profil 3IP1	302 kg	325 l	1500 mm
	Swivelling bucket Profil 3IP1	348 kg	348 l	1600 mm
B110W	Swivelling bucket Profil 4IP1	415 kg	416 l	1600 mm
	Swivelling bucket Profil 4IP1	334 kg	444 l	1700 mm
	Swivelling bucket Profil 4IP1	480 kg	471 l	1800 mm



GRAPPLE BUCKET

The grapple bucket is an efficient tool in all situations where grasping the material is difficult with a traditional bucket.

Two independent claws allow the material to be clamped against the bucket for loading operations, rock handling, picking up branches, or for landscaping public green spaces.


It is operated by the excavator's standard auxiliary line, and the claws are held in position by check valves.

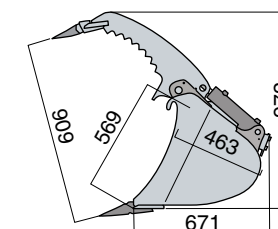
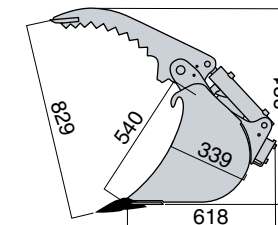
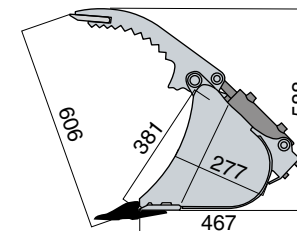


EXCAVATORS / R-SYSTEM

GRAPPLE BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	SV15, SV17, SV17e, ViO17, SV19	Grapple bucket serie 02 with teeth (Dents ESCO V13SYL)	76 kg	45 l	500 mm
	SV22, ViO23, SV26, ViO27, ViO27LW, ViO33, ViO38	Grapple bucket serie 13 with teeth (ESCO V13SYL)	162 kg	128 l	700 mm*
	ViO50, ViO57, SV60	Grapple bucket serie 23 with teeth (ESCO V17TYL)	235 kg	184 l	800 mm



*Please refer to the attachments manual to check the stability of the machine depending on the configuration and the articles chosen (stability made with canopy + short arm + without additional counterweights: 295 kg).

SKELETON BUCKET

Skeleton buckets are designed for sorting, screening, and sifting materials. For example, you can place cobblestones and separate them from the sand in which they are placed.

The mesh of this bucket is created by the spacing of the vertical gussets and the distance between the horizontal bars.

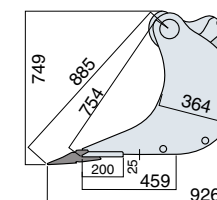
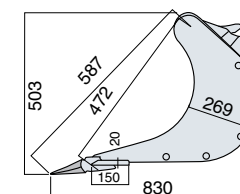
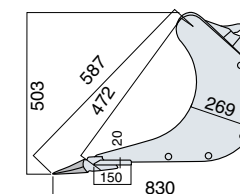
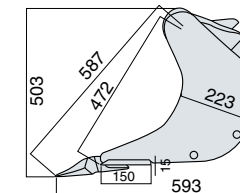
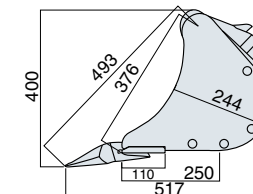


EXCAVATORS / R-SYSTEM

SKELETON BUCKET



Machine compatibility	Designation	Weight	Volume	Width
SV15, SV17, SV17e, ViO17, SV19	Skeleton bucket serie 02 with teeth (Esco U25P)	55 kg	59 l	600 mm
SV22, ViO23, SV26, ViO27, ViO27Lw, ViO33, ViO38	Skeleton bucket serie 12 with teeth (Esco U25P)	82 kg	67 l	600 mm
	Skeleton bucket serie 12 with teeth (Esco U25P)	88 kg	99 l	1000 mm
ViO50, ViO57, SV60	Skeleton bucket serie 23 with teeth (Esco U25P)	181 kg	125 l	900 mm
	Skeleton bucket serie 23 with teeth (Esco U25P)	132 kg	185 l	1400 mm
B7S, B75W, ViO80, SV86, B95W	Skeleton bucket serie 32 with teeth (Esco V17TYL)	295 kg	247 l	1000 mm
ViO80, SV86, SV100, SV120	Skeleton bucket M4 with teeth (Esco U220S)	431 kg	518 l	1000 mm






RIPPER

An attachment used to penetrate and break very hard ground, the ripper tooth allows for rock-breaking, stump removal, and soil loosening work.

The ACB+ ripper teeth enable you to increase your excavator's digging effort: they have a shorter radius than your standard buckets. Made of a central monobloc core with a large cross-section, it is protected by side guards, allowing you to perform rock-breaking tasks with confidence.

They are originally equipped with a pointed tooth for optimal penetration. Its rounded rear shape allows you to leverage the ground for an effective 'crowbar' effect.



Machine compatibility	Designation	Weight
SV08, ViO10, ViO12, SV15, SV17, SV17e, ViO17, SV19	Ripper tooth (Esco 18TL)	24 kg
SV22, ViO23, SV26, ViO27, ViO27LW, ViO33, ViO38	Ripper tooth (Esco U20P)	50 kg
ViO50, ViO57, SV60	Ripper tooth (Esco U25P)	79 kg
B7S, ViO80, SV86, B75W, B95W	Ripper tooth (Esco U25P)	113 kg
ViO80, SV86, SV100, SV120, B110W	Ripper tooth (Esco U25P)	125 kg

FORKS CARRIER WITH FORKS

The carrier with forks is the tool dedicated to handling pallets on construction sites.

There are two versions:

❖ A simple version, which allows attachment by quick coupler only.
This product is named Carrier with Forks.

❖ A version with predisposition on the front blade, allowing the user to attach the carrier with forks to the blade, for use on construction sites only.



	Machine compatibility	Designation	Weight	Length	Loading capacity
	B75W, B95W, B110W	Fork carrier standard, with forks	283 kg	1050 mm	1500 kg
		Fork carrier with front blade predisposition with forks	332 kg	1050 mm	1500 kg

! The forks are certified as 'lifting equipment' and are adjustable in width on a frame with slides. The machine's lifting table must be strictly observed, taking into account the offset and weight of the carrier with forks. Additional check valves on the bucket cylinder are also required.

In the case of operations involving the handling of materials with forks, an excavator may only be used if it is equipped with safety valves on the bucket cylinder.

EXCAVATORS / **L-SYSTEM**



\\ Mechanical Quick Hitch	34	🔗
\\ Hydraulic Quick Hitch	36	🔗
\\ Mechanical Powertilt	39	🔗
\\ Hydraulic Powertilt	41	🔗
\\ Digging bucket	43	🔗
\\ Grading bucket	47	🔗
\\ Swiveling grading bucket	50	🔗
\\ Skeleton bucket	52	🔗
\\ Ripper	53	🔗
\\ Fork carrier standard with fork	54	🔗



L-SYSTEM BY CSERI & CANGINI

The attachments, quick couplers and Powertilts from the CSERI brand exemplify high standards of quality and safety.

The products feature Hardox, Raex HB 400, and high-quality cast iron. Yanmar offers the CSERI range of quick hitch or Powertilts, from model 01 to 08, in mechanical or hydraulic versions, as well as a complete range of tools.



MECHANICAL QUICK HITCH

The L-System quick coupler interface, placed between the dipper-end and the attachment, allows you to change attachments in a safer and quicker way than moving pins.


This version is locked and unlocked with a socket wrench, the operator manually performs the procedure and monitors the locking of the attachment.



SW01 & SW03



SW08

 *In the case of operations involving the handling of materials with a lifting hook, an excavator may only be used if it is equipped with safety valves on the cylinders (boom and dipperstick) and an overload warning.*

EXCAVATORS / L-SYSTEM

MECHANICAL QUICK HITCH



Machine compatibility	Designation	Weight
SV08, ViO10, ViO12	Mechanical quick hitch SW01	18 kg
SV15, SV17, SV17e, ViO17, SV19	Mechanical quick hitch SW01 without lifting hook	20 kg
	Mechanical quick hitch SW01 with lifting hook (1T)	22 kg
SV22, ViO23	Mechanical quick hitch SW03 without lifting hook	37 kg
	Mechanical quick hitch SW03 with lifting hook (2T)	39 kg
SV26, ViO27, ViO27Lw, ViO33, ViO38	Mechanical quick hitch SW03 without lifting hook	37 kg
	Mechanical quick hitch SW03 with lifting hook (2T)	38 kg
ViO50, ViO57, SV60	Mechanical quick hitch SW03 without lifting hook	37 kg
	Mechanical quick hitch SW03 with lifting hook (3T)	39 kg
B7S, ViO80, SV86, SV100	Mechanical quick hitch SW08 without lifting hook	75 kg
	Mechanical quick hitch SW08 with lifting hook (5T)	76 kg
SV120	Mechanical quick hitch SW08 without lifting hook	75 kg
	Mechanical quick coupler CSW08, with lifting hook (5T)	76 kg
B75W	Mechanical quick hitch SW08 without lifting hook	75 kg
	Mechanical quick hitch SW08 with lifting hook (5T)	76 kg
B95W	Mechanical quick hitch SW08 without lifting hook	75 kg
	Mechanical quick hitch SW08 with lifting hook (5T)	76 kg
B110W	Mechanical quick hitch SW08 without lifting hook	75 kg
	Mechanical quick hitch SW08 with lifting hook (5T)	76 kg



HYDRAULIC QUICK HITCH

The LifeLine HC is a hydraulic quick hitch with a latest-generation claw safety device, designed to prevent accidents on construction sites. Thanks to the combination of 4 patents in the 3 safety systems, it is one of the safest quick hitches on the market.

The coupler is controlled by a button on the dashboard, which allows the operator to open and close the quick coupler. With the hydraulic version, you improve your productivity by staying in your machine.

The LifeLine Hydraulic quick hitch is available in 2 versions:



LIFELINE HC NORMAL VERSION – 1 VALVE TECHNOLOGY

The LifeLine HC is designed to prevent accidents caused by falling attachments. This is achieved by narrowing the opening angle of the claws. The two safety pins are extended before the locking pins during the locking procedure. The positioning of the safety pins ensures that the claw safety cannot be damaged while using the quick coupler. In case of an emergency, a large portion of the force is directed into the housing, ensuring a long lifespan for the claw lock.

The safety pins are extended before the locking pins when the actuation (locking) control is operated. The indicator pin remains visible and is fully retracted into the housing only when the locking pins are extended to the required length for secure locking. In the case of incorrect locking, as shown in the image, the claw lock is already activated.



Incorrect locking

Locking pins are pressing against the backplate.



Claw lock activated

The indicator pin is still visible and the claw lock is already activated.



LIFELINE HC SUPERIOR VERSION – 2 VALVE TECHNOLOGY

The LifeLine HC Superior possesses the same features as the LifeLine HC and further enhances them through its patented 2-valve technology.

A locking action in the correct position of the attachment is enabled through a contact pin on the back of the quick coupler. Unlocking is always possible through our 2-valve technology. If the quick coupler is not in the correct position in the attachment's mounting frame, then only the safety pins of the claw safety can be extended and not the locking pins. The red indicator pin remains visible.

By properly positioning the quick coupler within the attachment's mounting frame, the contact pin is engaged, allowing the extension of the locking pins. Only when both the locking pins and the claw safety are in the correct position, the indicator pin will no longer be visible.

Thus, a secure locking is guaranteed with the LifeLine HC Superior once the indicator pin is fully retracted into the housing. The LifeLine HC Superior combines 4 patents and 3 safety systems, making it one of the safest hydraulic quick couplers of its generation.



Incorrect positioning

Extension of the locking pins is only possible in the correct position. However, the claw lock remains active. The indicator pin is completely visible.



Correct positioning

Extension of the locking pins is only allowed in the correct position. The indicator pin is retracted.

For this product, the machine must be equipped with a hydraulic quick hitch line.

! In the case of operations involving the handling of materials with a lifting hook, an excavator may only be used if it is equipped with safety valves on the cylinders (boom and dipperstick) and an overload warning.

EXCAVATORS / L-SYSTEM

HYDRAULIC QUICK HITCH



Machine compatibility	Designation	Weight
SV17, SV17e, ViO17, SV19	Hydraulic quick hitch HC01 without lifting hook	27 kg
	Hydraulic quick hitch HC01 with lifting hook (1T)	29 kg
ViO23	Hydraulic quick hitch HC03 without lifting hook	39 kg
	Hydraulic quick hitch HC03 with lifting hook (2T)	40 kg
SV26, ViO27, ViO27Lw	Hydraulic quick hitch HC03 without lifting hook	43 kg
	Hydraulic quick hitch LifeLine HC03 with lifting hook (2T)	44 kg
ViO33, ViO38	Hydraulic quick hitch HC03 without lifting hook	43 kg
	Hydraulic quick hitch HC03 with lifting hook (2T)	44 kg
ViO50, ViO57, SV60	Hydraulic quick hitch HC03 superior without lifting hook	46 kg
	Hydraulic quick hitch HC03 superior with lifting hook (3T)	48 kg
B7S	Hydraulic quick coupler HC08 superior without lifting hook	97 kg
	Hydraulic quick coupler HC08 superior with lifting hook (5T)	100 kg
ViO80, SV86, SV100	Hydraulic quick coupler HC08 superior without lifting hook	97 kg
	Hydraulic quick coupler HC08 superior with lifting hook (5T)	100 kg
B75W, B95W	Hydraulic quick coupler HC08 superior without lifting hook	99 kg
	Hydraulic quick coupler HC08 superior with lifting hook (3T)	101 kg
B110W, SV120	Hydraulic quick coupler HC08 superior without lifting hook	111 kg
	Hydraulic quick coupler HC08 superior with lifting hook (5T)	113 kg




MECHANICAL POWERTILT

Powertilt couplers enable tilting of attachments up to 180 degrees. The perfect combination gives the benefits of a quick coupler with those of a tilt motor.

Powertilt couplers allow you to carry out more tasks within time in safer conditions and to ensure optimal profitability.

The Powertilt system features an upper part connected to the dipper and the tilt function (PT), which can reach an angle of 90° both ways, and a lower part which is an L-System coupler.

The mechanical version is locked and unlocked with a socket wrench, the operator manually performs the procedure and monitors the locking of the attachment.

 *In the case of operations involving the handling of materials with a lifting hook, an excavator may only be used if it is equipped with safety valves on the cylinders (boom and dipperstick) and an overload warning.*

EXCAVATORS / L-SYSTEM

MECHANICAL POWERTILT



Machine compatibility	Designation	Weight
SV15, SV17, SV17e, ViO17, SV19	Powertilt® PT4,5 with mechanical quick hitch CSW01	45 kg
	Powertilt PT4,5 with mechanical quick hitch CSW01 with lifting hook (1T)	47 kg
SV22, ViO23	Powertilt PT030 with mechanical quick hitch SW03	70 kg
	Powertilt PT030 with mechanical quick hitch SW03 with lifting hook	72 kg
SV26, ViO27, ViO27Lw	Powertilt PT030 with mechanical quick hitch SW03	65 kg
	Powertilt PT030 with mechanical quick hitch SW03 with lifting hook	67 kg
ViO33, ViO38	Powertilt PT050 with mechanical quick hitch SW03	70 kg
	Powertilt PT050 with mechanical quick hitch SW03 with lifting hook (2T)	72 kg
ViO50	Powertilt PT050 with mechanical quick hitch SW03 without lifting hook	80 kg
	Powertilt PT050 with mechanical quick hitch SW03 with lifting hook (3T)	82 kg
ViO57, SV60	Powertilt PT070 with mechanical quick hitch SW03	133 kg
	Powertilt PT070 with mechanical quick hitch SW03 with lifting hook (3T)	135 kg
ViO80, B7S, SV86, SV100, SV120	Powertilt PT100 with mechanical quick hitch SW08 without lifting hook	180 kg
	Powertilt PT100 with mechanical quick hitch SW08 with lifting hook (5T)	183 kg
B75W	Powertilt PT070 with mechanical quick hitch SW08 without lifting hook	140 kg
	Powertilt PT070 with mechanical quick hitch SW08 with lifting hook (3T)	142 kg
B95W	Powertilt PT100 with mechanical quick hitch SW08 without lifting hook	180 kg
	Powertilt PT100 with mechanical quick hitch SW08 with lifting hook (5T)	183 kg
B110W	Powertilt PT100 with hydraulic quick hitch HC08 superior without lifting hook	228 kg
	Powertilt PT100 with hydraulic quick hitch HC08 superior with lifting hook (5T)	231 kg



HYDRAULIC POWERTILT

Powertilt couplers enable tilting of attachments up to 180 degrees. The perfect combination gives the benefits of a quick coupler with those of a tilt motor. Powertilt Couplers allow you to carry out more tasks within time in safer conditions and to ensure optimal profitability.

The Powertilt system features an upper part connected to the dipper and the tilt function (PT), which can reach an angle of 90° both ways, and a lower part which is an L-System coupler (CSW).



EXCAVATORS / L-SYSTEM

HYDRAULIC POWERTILT



The hydraulic version is locked and unlocked through a button on the dashboard, which allows the operator to open and close the quick coupler. With the hydraulic version you improve your productivity by staying in your machine.

For this product, the machine must be equipped with a hydraulic quick hitch line.

! *In the case of operations involving the handling of materials with a lifting hook, an excavator may only be used if it is equipped with safety valves on the cylinders (boom and dipperstick) and an overload warning.*

Machine compatibility	Designation	Weight
SV17, SV17e, ViO17, SV19	Powertilt PT4,5 with hydraulic quick hitch HC01 without lifting hook	59 kg
	Powertilt PT4,5 with hydraulic quick hitch HC01 with lifting hook (1T)	60 kg
ViO23	Powertilt PT030 with hydraulic quick hitch HC03 without lifting hook	73 kg
	Powertilt PT030 with hydraulic quick hitch HC03 with lifting hook (2T)	74 kg
SV26, ViO27, ViO27Lw	Powertilt PT030 with hydraulic quick hitch HC03 (ViO26-27; SV26) without lifting hook	76 kg
	Powertilt PT030 with hydraulic quick hitch HC03 (ViO26-27; SV26) with lifting hook (2T)	77 kg
ViO33, ViO38	Powertilt PT050NG with hydraulic quick hitch HC03 (ViO33-38) without lifting hook	91 kg
	Powertilt PT050NG with hydraulic quick hitch HC03 (ViO33-38) with lifting hook (2T)	92 kg
ViO50	Powertilt PT050NG with hydraulic quick hitch HC03 superior without lifting hook	94 kg
	Powertilt PT050NG with hydraulic quick hitch HC03 superior with lifting hook (3T)	96 kg
ViO57, SV60	Powertilt PT070 with hydraulic quick hitch HC03 superior without lifting hook	139 kg
	Powertilt PT070 with hydraulic quick hitch HC03 superior with lifting hook (3T)	141 kg
B7S, ViO80, SV86, SV100, SV120	Powertilt PT100 with hydraulic quick hitch HC08 superior without lifting hook	216 kg
	Powertilt PT100 with hydraulic quick hitch HC08 superior with lifting hook (5T)	219 kg
B75W	Powertilt PT070 with hydraulic quick hitch HC08 superior (B75W) without lifting hook	193 kg
	Powertilt PT070 with hydraulic quick hitch HC08 superior (B75W) with lifting hook (3T)	195 kg
B95W	Powertilt PT100 with hydraulic quick hitch HC08 superior without lifting hook	217 kg
	Powertilt PT100 with hydraulic quick hitch HC08 superior with lifting hook (5T)	220 kg
B110W	Powertilt PT100 with hydraulic quick hitch HC08 superior without lifting hook	228 kg
	Powertilt PT100 with hydraulic quick hitch HC08 superior with lifting hook (5T)	231 kg



DIGGING BUCKET

The digging bucket is the classic tool of the excavator. Various widths are available for your excavation, earthmoving, or material loading work.

This bucket has a deep profile, designed to avoid friction in trenches, and comes standard with a double bottom for maximum longevity.






Made of a box-welded beam, this bucket is equipped in the standard version with Hardox 400.



EXCAVATORS / L-SYSTEM

DIGGING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	SV08, ViO10, ViO12	Digging bucket symmetric locking, SW01 - type 0.5 with weld on teeth KingMet MG5L	21 kg	14 l	250mm
		Digging bucket symmetric locking, SW01 - type 0.5 with weld on teeth KingMet MG5L	23 kg	18 l	300mm
		Digging bucket symmetric locking, SW01 - type 0.5 with weld on teeth KingMet MG5L	25 kg	21 l	350mm
		Digging bucket symmetric locking, SW01 - type 0.5 with weld on teeth KingMet MG5L	27 kg	25 l	400mm
		Digging bucket symmetric locking, SW01 - type 0.5 with weld on teeth KingMet MG5L	31 kg	32 l	500mm
	SV15, SV17, SV17e, ViO17, SV19	Digging bucket symmetric locking, SW01 - type 1 with weld on teeth KingMet MG5L	26 kg	16 l	200 mm
		Digging bucket symmetric locking, SW01 - type 1 with weld on teeth KingMet MG5L	28 kg	21 l	250 mm
		Digging bucket symmetric locking, SW01 - type 1 with weld on teeth KingMet MG5L	33 kg	27 l	300 mm
		Digging bucket symmetric locking, SW01 - type 1 with weld on teeth KingMet MG5L	38 kg	39 l	400 mm
		Digging bucket symmetric locking, SW01 - type 1 with weld on teeth KingMet MG5L	44 kg	51 l	500 mm
		Digging bucket symmetric locking, SW01 - type 1 with weld on teeth KingMet MG5L	49 kg	62 l	600mm*
		Digging bucket symmetric locking, SW01 - type 1 with bolt on teeth C468000	27 kg	16 l	200 mm
		Digging bucket symmetric locking, SW01 - type 1 with bolt on teeth C468000	33 kg	21 l	250 mm
		Digging bucket symmetric locking, SW01 - type 1 with bolt on teeth C468000	36 kg	27 l	300 mm
		Digging bucket symmetric locking, SW01 - type 1 with bolt on teeth C468000	41 kg	39 l	400 mm
		Digging bucket symmetric locking, SW01 - type 1 with bolt on teeth C468000	46 kg	51 l	500 mm
		Digging bucket symmetric locking, SW01 - type 1 with bolt on teeth C468000*	51 kg	62 l	600 mm
	SV22, ViO23	Digging bucket symmetric locking, SW03 - type 2 with weld on teeth KingMet MG5L	43 kg	30 l	250mm
		Digging bucket symmetric locking, SW03 - type 2 with weld on teeth KingMet MG5L	48 kg	38 l	300mm
		Digging bucket symmetric locking, SW03 - type 2 with weld on teeth KingMet MG5L	53 kg	55 l	400mm
		Digging bucket symmetric locking, SW03 - type 2 with weld on teeth KingMet MG5L	61 kg	73 l	500mm
		Digging bucket symmetric locking, SW03 - type 2 with weld on teeth KingMet MG5L	76 kg	90 l	600mm
	SV26, ViO27, ViO27Lw, ViO33, ViO38	Digging bucket symmetric locking, SW03 - type 2.5 with weld on teeth KingMet MG5L	51 kg	40 l	250mm
		Digging bucket symmetric locking, SW03 - type 2.5 with weld on teeth KingMet MG5L	55 kg	50 l	300mm
		Digging bucket symmetric locking, SW03 - type 2.5 with weld on teeth KingMet MG5L	64 kg	75 l	400mm
		Digging bucket symmetric locking, SW03 - type 2.5 with weld on teeth KingMet MG5L	73 kg	100 l	500mm
		Digging bucket symmetric locking, SW03 - type 2.5 with weld on teeth KingMet MG5L	81 kg	125 l	600mm
		Digging bucket symmetric locking, SW03 - type 2.5 with weld on teeth KingMet MG5L	91 kg	150 l	700mm
		Digging bucket symmetric locking, SW03 - type 2.5 with weld on teeth KingMet MG5L	101 kg	175 l	800 mm**


*Only for SV19.

**Only for ViO38.

EXCAVATORS / L-SYSTEM

DIGGING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	ViO50, ViO57, SV60	Digging bucket symmetric locking, SW03 - type 3 with weld on teeth KingMet MG5L	69 kg	67 l	300mm
		Digging bucket symmetric locking, SW03 - type 3 with weld on teeth KingMet MG5L	78 kg	98 l	400mm
		Digging bucket symmetric locking, SW03 - type 3 with weld on teeth KingMet MG5L	89 kg	130 l	500mm
		Digging bucket symmetric locking, SW03 - type 3 with weld on teeth KingMet MG5L	98 kg	163 l	600mm
		Digging bucket symmetric locking, SW03 - type 3 with weld on teeth KingMet MG5L	109 kg	197 l	700mm
		Digging bucket symmetric locking, SW03 - type 3 with weld on teeth KingMet MG5L	119 kg	230 l	800mm
	B7S, ViO80, SV86	Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	117 kg	80 l	325 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	131 kg	118 l	400 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	149 kg	158 l	500 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	163 kg	199 l	600 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	195 kg	284 l	800 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	213 kg	327 l	900 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	228 kg	368 l	1000 mm
	SV100	Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	148 kg	113 l	325 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	163 kg	146 l	400 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	187 kg	195 l	500 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	205 kg	247 l	600 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	226 kg	300 l	700 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	247 kg	354 l	800 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	264 kg	408 l	900 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	282 kg	462 l	1000 mm
	SV120	Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	323 kg	563 l	1200 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	148 kg	113 l	325 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	163 kg	146 l	400 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	187 kg	195 l	500 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	205 kg	247 l	600 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	226 kg	300 l	700 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	247 kg	354 l	800 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	264 kg	408 l	900 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	282 kg	462 l	1000 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	323 kg	563 l	1200 mm

EXCAVATORS / L-SYSTEM

DIGGING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	B75W	Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	117 kg	80 l	325 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	131 kg	118 l	400 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	149 kg	158 l	500 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	163 kg	199 l	600 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	179 kg	241 l	700 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	195 kg	284 l	800 mm
	B95W	Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	117 kg	80 l	325 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	131 kg	118 l	400 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	149 kg	158 l	500 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	163 kg	199 l	600 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	179 kg	241 l	700 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	195 kg	284 l	800 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	213 kg	327 l	900 mm
		Digging bucket-symmetric locking, SW08 - type 4 with weld on teeth KingMet MG5L	228 kg	368 l	1000 mm
	B110W	Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	148 kg	113 l	325 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	163 kg	146 l	400 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	187 kg	195 l	500 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	205 kg	247 l	600 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	226 kg	300 l	700 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	247 kg	354 l	800 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	264 kg	408 l	900 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	282 kg	462 l	1000 mm
		Digging bucket – symmetric locking, SW08 - type 4.5 with weld on teeth KingMet MG5L	323 kg	563 l	1200 mm



GRADING BUCKET

The grading bucket has a wide opening and is used for finishing work such as cleaning ditches, sloping, and leveling.

A grading bucket, unlike an excavation bucket, does not have teeth. It is smooth, allowing it to flatten surfaces as efficiently as possible.


A reversible bolt-on cutting edge can be added to protect the leading edge.



EXCAVATORS / L-SYSTEM

GRADING BUCKET




	Machine compatibility	Designation	Weight	Volume	Width
	SV08, ViO10, ViO12	Grading bucket symmetric locking, SW01 - type 0.5	29 kg	22 l	600mm
		Grading bucket symmetric locking, SW01 - type 0.5	35 kg	30 l	800mm
	SV15, SV17, SV17e, ViO17, SV19	Grading bucket symmetric locking, SW01 - type 1	52 kg	54 l	850 mm
		Grading bucket symmetric locking, SW01 - type 1	56 kg	66 l	1000mm*
	SV22, ViO23	Grading bucket symmetric locking, SW03 - type 2	70 kg	73 l	850mm
		Grading bucket symmetric locking, SW03 - type 2	79 kg	87 l	1000mm
	SV26, ViO27, ViO27LW, ViO33, ViO38	Grading bucket symmetric locking, SW03 - type 2.5	90 kg	116 l	1000mm
		Grading bucket symmetric locking, SW03 - type 2.5	103 kg	140 l	1200mm**
		Grading bucket symmetric locking, SW03 - type 2.5	110 kg	153 l	1300mm**
		Grading bucket symmetric locking, SW03 - type 2.5	116 kg	165 l	1400mm**
	ViO50, ViO57, SV60	Grading bucket symmetric locking, SW03 - type 3	139 kg	175 l	1200mm
		Grading bucket symmetric locking, SW03 - type 3	148 kg	190 l	1300mm
		Grading bucket symmetric locking, SW03 - type 3	157 kg	205 l	1400mm
		Grading bucket symmetric locking, SW03 - type 3	167 kg	220 l	1500mm
		Grading bucket symmetric locking, SW03 - type 3	176 kg	236 l	1600mm
	B7S, ViO80, SV86	Grading bucket symmetric locking, SW08 - type 4	246 kg	282 l	1500 mm
		Grading bucket symmetric locking, SW08 - type 4	259 kg	302 l	1600 mm
		Grading bucket symmetric locking, SW08 - type 4	293 kg	342 l	1800 mm
		Grading bucket symmetric locking, SW08 - type 4	318 kg	382 l	2000 mm
	SV100	Grading bucket, symmetric locking, SW08 - type 4.5	263 kg	330 l	1500 mm
		Grading bucket, symmetric locking, SW08 - type 4.5	277 kg	353 l	1600 mm
		Grading bucket, symmetric locking, SW08 - type 4.5	314 kg	400 l	1800 mm
		Grading bucket, symmetric locking, SW08 - type 4.5	341 kg	447 l	2000 mm
	SV120	Grading bucket, symmetric locking, SW08 - type 4.5	263 kg	330 l	1500 mm
		Grading bucket, symmetric locking, SW08 - type 4.5	277 kg	353 l	1600 mm
		Grading bucket, symmetric locking, SW08 - type 4.5	314 kg	400 l	1800 mm
		Grading bucket, symmetric locking, SW08 - type 4.5	341 kg	447 l	2000 mm

*Not available for SV15.

**Please refer to the attachments manual to check the stability of the machine depending on the configuration and the articles chosen (stability made with canopy + short arm + without additional counterweights: 295 kg).

EXCAVATORS / L-SYSTEM

GRADING BUCKET

Machine compatibility	Designation	Weight	Volume	Width
B75W	Grading bucket, rigid, symmetric locking, SW08, type 4	246 kg	282 l	1500 mm
	Grading bucket symmetric locking, SW08, type 4	259 kg	302 l	1600 mm
B95W	Grading bucket, rigid, symmetric locking, SW08, type 4	246 kg	282 l	1500 mm
	Grading bucket symmetric locking, SW08, type 4	259 kg	302 l	1600 mm
	Grading bucket, rigid, symmetric locking, SW08, type 4	293 kg	342 l	1800 mm
B110W	Grading bucket, symmetric locking, SW08 - type 4.5	263 kg	330 l	1500 mm
	Grading bucket, symmetric locking, SW08 - type 4.5	277 kg	353 l	1600 mm
	Grading bucket, symmetric locking, SW08 - type 4.5	314 kg	400 l	1800 mm
	Grading bucket, symmetric locking, SW08 - type 4.5	341 kg	447 l	2000 mm

SWIVELING GRADING BUCKET

The swiveling grading bucket gives you an additional degree of flexibility. You can create slopes and inclined surfaces relative to the machine's tracks. It is the ideal tool for road finishing, sloping, and landscaping work.

The 2×45° tilting ditching buckets feature one or two cylinders depending on the size of the machine. They are connected to a generously sized joint, equipped with case-hardened bushings and grease retention seals. Cast parts, both on the head and body sides, give our ditching buckets optimal strength and rigidity.

A reversible bolt-on cutting edge can be added to protect the leading edge.



EXCAVATORS / L-SYSTEM



SWIVELING GRADING BUCKET

Machine compatibility	Designation	Weight	Volume	Width
SV17, SV17e, ViO17, SV19	Swivelling bucket, SW01 - type 1	94 kg	54 l	850 mm
	Swivelling bucket, SW01 - type 1	102 kg	66 l	1000 mm
SV22, ViO23	Swivelling bucket, SW03 - type 2	113 kg	73 l	850 mm
	Swivelling bucket, SW03 - type 2	121 kg	87 l	1000mm
SV26, ViO27, ViO27Lw, ViO33, ViO38	Swivelling bucket, SW03 - type 2.5	145 kg	116 l	1000 mm*
	Swivelling bucket, SW03 - type 2.5	159 kg	140 l	1200 mm*
	Swivelling bucket, SW03 - type 2.5	165 kg	153 l	1300 mm*
	Swivelling bucket, SW03 - type 2.5	172 kg	165 l	1400 mm**,**
ViO50, ViO57, SV60	Swivelling bucket, SW03 - type 3	187 kg	175 l	1200 mm
	Swivelling bucket, SW03 - type 3	205 kg	205 l	1400 mm
	Swivelling bucket, SW03 - type 3	213 kg	220 l	1500 mm
	Swivelling bucket, SW03 - type 3	222 kg	236 l	1600 mm
	Swivelling bucket, SW03 - type 3	245 kg	267 l	1800 mm***
B7S, ViO80, SV86	Swivelling bucket, SW08 - type 4	342 kg	282 l	1500 mm
	Swivelling bucket, SW08 - type 4	355 kg	302 l	1600 mm
	Swivelling bucket, SW08 - type 4	388 kg	342 l	1800 mm
	Swivelling bucket, SW08 - type 4	412 kg	382 l	2000 mm
SV100	Swivelling bucket, SW08 - type 4.5	358 kg	330 l	1500 mm
	Swivelling bucket, SW08 - type 4.5	370 kg	353 l	1600 mm
	Swivelling bucket, SW08 - type 4.5	407 kg	400 l	1800 mm
	Swivelling bucket, SW08 - type 4.5	433 kg	447 l	2000 mm
SV120	Swivelling bucket, SW08 - type 4.5	358 kg	330 l	1500 mm
	Swivelling bucket, SW08 - type 4.5	370 kg	353 l	1600 mm
	Swivelling bucket, SW08 - type 4.5	407 kg	400 l	1800 mm
	Swivelling bucket, SW08 - type 4.5	433 kg	447 l	2000 mm
B75W	Swivelling bucket, SW08 - type 4	342 kg	282 l	1500 mm
B95W	Swivelling bucket, SW08 - type 4	342 kg	282 l	1500 mm
	Swivelling bucket, SW08 - type 4	355 kg	302 l	1600 mm
	Swivelling bucket, SW08 - type 4	388 kg	342 l	1800 mm
B110W	Swivelling bucket, SW08 - type 4.5	358 kg	330 l	1500 mm
	Swivelling bucket, SW08 - type 4.5	370 kg	353 l	1600 mm
	Swivelling bucket, SW08 - type 4.5	407 kg	400 l	1800 mm
	Swivelling bucket, SW08 - type 4.5	433 kg	447 l	2000 mm

*Please refer to the attachments manual to check the stability of the machine depending on the configuration and the articles chosen (stability made with canopy + short arm + without additional counterweights: 295 kg).


**Only for ViO38.

***Only for SV60.



SKELETON BUCKET

The high strength steel and the reinforced structure make the skeleton bucket rugged and durable, the ideal choice for separating stones and aggregates, even in water, and for land reclamation.

	Machine compatibility	Designation	Weight	Volume	Width
	SV15, SV17, SV17e, ViO17, SV19	Skeleton bucket symetric locking* VE38-SW01 with teeth (ESCO type)	46 kg	49 l	500 mm
		Skeleton bucket symetric locking* VE38-SW01 with teeth (ESCO type)	52 kg	55 l	600 mm
		Skeleton bucket symetric locking* VE38-SW01 with teeth (ESCO type)	56 kg	61 l	700 mm
	SV22, ViO23	Skeleton bucket symetric locking* VE45-SW03 with teeth (ESCO type)	68 kg	60 l	600 mm
		Skeleton bucket symetric locking* VE45-SW03 with teeth (ESCO type)	74 kg	70 l	700 mm
		Skeleton bucket symetric locking* VE38-SW03 with teeth (ESCO type)	82 kg	85 l	800 mm
	SV26, ViO27, ViO27Lw, ViO33, ViO38	Skeleton bucket symetric locking* VE53 -SW03 with teeth (ESCO type)	100 kg	142 l	700 mm*
		Skeleton bucket symetric locking* VE53 -SW03 with teeth (ESCO type)	112 kg	166 l	800 mm*
		Skeleton bucket symetric locking* VE53 -SW03 with teeth (ESCO type)	120 kg	190 l	900 mm*
	ViO50, ViO57, SV60	Skeleton bucket symetric locking* VE62-SW03 with teeth (ESCO type)	165 kg	190 l	800 mm
		Skeleton bucket symetric locking* VE62-SW03 with teeth (ESCO type)	182 kg	259 l	900 mm**
	B7S, ViO80, SV86, SV100, SV120, B75W, B95W, B110W	Skeleton bucket symetric locking* VE 73-SW08 with teeth (ESCO type)	258 kg	296 l	800 mm
		Skeleton bucket symetric locking* VE 73-SW08 with teeth (ESCO type)	282 kg	340 l	900 mm
		Skeleton bucket symetric locking* VE 73-SW08 with teeth (ESCO type)	299 kg	384 l	1000 mm

*Please refer to the attachments manual to check the stability of the machine depending on the configuration and the articles chosen (stability made with canopy + short arm + without additional counterweights: 295 kg)

**Only for ViO57 & SV60.

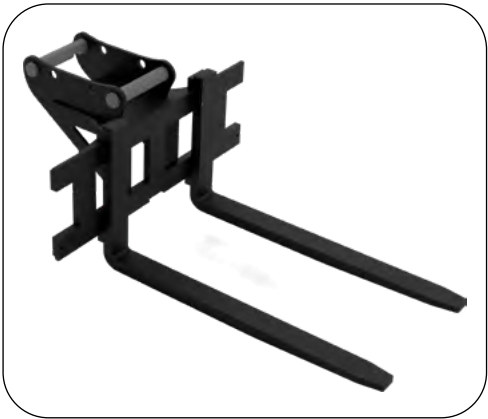


RIPPER

An attachment used to penetrate and break very hard ground, the ripper tooth allows for rock-breaking, stump removal, and soil loosening work.

The ripper teeth enable you to increase your excavator's digging effort: they have a shorter radius than your standard buckets. Made of a central monobloc core with a large cross-section, it is protected by side guards, allowing you to perform rock-breaking tasks with confidence. They are originally equipped with a pointed tooth for optimal penetration. Its rounded rear shape allows you to leverage the ground for an effective 'crowbar' effect.

	Machine compatibility	Designation	Weight
	SV08, ViO10, ViO12, SV15, SV17, SV17e, ViO17, SV19	Ripper tooth RCB 45-SW01 (Esco DTE13)	34 kg
	SV22, ViO23, SV26, ViO27, ViO27Lw, ViO33, ViO38	Ripper tooth RCB 45-SW03 (Esco DTE13)	44 kg
	ViO50, ViO57, SV60	Ripper tooth RCB 67-SW03 (Esco DTE17)	81 kg
	B7S, ViO80, SV86, SV100, SV120, B75W, B95W, B110W	Ripper tooth RCB 80-SW08 (Esco DTE19)	154 kg



FORK CARRIER STANDARD WITH FORK

The carrier with forks is the tool dedicated to handling pallets on construction sites. The forks are certified as ‘lifting equipment’ and are adjustable in width on a frame with slides. The machine’s load chart must be strictly observed, taking into account the offset and weight of the carrier with forks. Additional check valves on the bucket cylinder are also required.

! *In the case of operations involving the handling of materials with forks, an excavator may only be used if it is equipped with safety valves on the bucket cylinder.*

	Machine compatibility	Designation	Weight	Length	Loading capacity
	B75W	Fork carrier, with forks for Cseri L-System quick-attach system	139 kg	1200 mm	1800 kg
	B95W	Fork carrier, with forks for Cseri L-System quick-attach system	139 kg	1200 mm	1800 kg
	B110W	Fork carrier, with forks for Cseri L-System quick-attach system	139 kg	1200 mm	1800 kg

\\ Tiltrotator	56	🔗
\\ Mechanical Quick Hitch ..	78	🔗
\\ Hydraulic Quick Hitch	80	🔗
\\ Tiltcoupler	82	🔗
\\ Digging bucket	83	🔗
\\ Grading bucket	87	🔗
\\ Skeleton bucket	89	🔗
\\ Ripper.....	91	🔗
\\ Fork carrier standard with fork	92	🔗



S-SYSTEM BY STEELWRIST & CANGINI

Our Steelwrist product range includes tiltrotators, quick hitch, tilt couplers, and a complete range of tools. These products incorporate the patented Front Pin Hook technology to meet the highest safety requirements in all markets.

Our goal is to enhance the performance of our excavators, particularly with the use of tiltrotators. These attachments are the best investment to maximize the efficiency of your excavator, making it faster and more precise.

TILTROTATOR

These tiltrotators have a low building height, high tilt angle and an unbeatable relationship between strength and weight thanks to steel casted components.

With 360° rotation and 45° tilt in both directions, the tiltrotator opens up for new types of jobs. Experienced tiltrotator operators typically estimate productivity improvements between 20 and 35 percent, depending on the type of job, truly unlocking the excavator's potential.

Steelwrist's high flow swivel sets a new standard for compact high flow hydraulics, enhanced by high flow hydraulics and rotation sensors. This will allow you to use powered work tools like never before or just your tiltrotator in a more fuel-efficient way.

The high flow swivel can also include an electrical connection that can control valves on a work tool below the tiltrotator. A new robust and easily calibrated Absolute Rotation sensor in the swivel has been introduced on the X12 model, that gives more exact data to Machine Control Systems.



EXCAVATORS /

S-SYSTEM



TILTROTATOR

Designation	X 04	X06	X 07	X 12	S 40	S 45	S 50	Direct Fit	Sandwich	Gripper	4 hoses	2 hoses	Short arm	Counterweight
ViO27 Cabine	●	●	●	●	●	●	●	●	●	●	●	●	■	■
SV26 Cabine	●	●	●	●	●	●	●	●	●	●	●	●	■	□
SV26 Canopy	●	●	●	●	●	●	●	●	●	●	●	●	■	■
ViO33 Cabine	●	●	●	●	●	●	●	●	●	●	●	●	■	■
ViO33 Canopy	●	●	●	●	●	●	●	●	●	●	●	●	■	■
ViO38 Cabine	●	●	●	●	●	●	●	●	●	●	●	●	■	■
ViO38 Canopy	●	●	●	●	●	●	●	●	●	●	●	●	■	■
ViO50	●	●	●	●	●	●	●	●	●	●	●	●	■	■
ViO57	●	●	●	●	●	●	●	●	●	●	●	●	■	■
SV60	●	●	●	●	●	●	●	●	●	●	●	●	■	■
B7 S, Vi80, SV86, SV100	●	●	●	●	●	●	●	●	●	●	●	●	■	■
B75W	●	●	●	●	●	●	●	●	●	●	●	●	■	■
B95W, B110W, SV120	●	●	●	●	●	●	●	●	●	●	●	●	■	■

● Not available
 ● Available
 ■ Mandatory
 Recommended

EXCAVATORS / S-SYSTEM

TILTROTATOR



WHICH MOUNTING TO CHOOSE?

\ DIRECT FIT

In a direct fit configuration, the tiltrotator is permanently mounted to the dipper arm of the excavator.

\ SANDWICH

In a sandwich configuration the machine's quick coupler is first mounted on the dipper arm of the excavator. The top of the tiltrotator then has the same type of bracket as a bucket which means that it can be picked up with the machine's quick coupler.



SANDWICH SYSTEM

- \\ Mandatory when using breakers
- \\ Easy removal of the tiltrotator (when using a bucket into a narrow trench)

DIRECT SYSTEM

- \\ Forbidden when using breakers
- \\ Saves weight and height
- \\ Saving of a quick coupler



ABOUT CONTROL SYSTEMS

Two types of control systems exist for controlling the tiltrotator on an excavator.

\ 4 HOSE SYSTEM

With the four-hose system, the tiltrotator is fitted with on/off valves and the flow is controlled solely from the excavator. Four-hose systems are often used for compact excavators, as they are less expensive.

Four hose system	Excavator hydraulics	Tiltrotator			Comment
		Control System	Function	Valve type	
	Circuit 1, dual direction, proportionally controlled from the excavator, original joysticks must have rollers or similar.	-	Rotation	On/Off (non directional)	Rotation controlled directly from the machine. Flow control depending on excavator hydraulics.
	Circuit 2, dual direction, proportionally controlled from the excavator, original joystick must have rollers or similar.	On/Off control	Tilt	On/Off (non directional)	Tilt, extra functions and lock share the same circuit, and only one function can be used at the same time. Flow control depending on excavator hydraulics.

\ 2 HOSE SYSTEM

The two-hose system allows all functions to be used simultaneously, providing a more refined solution. In two-hose system, the tiltrotator control system takes care of everything.

Two hose system	Excavator hydraulics	Tiltrotator			Comment
		Control System	Function	Valve type	
	One circuit, single direction. Original joysticks will be replaced with Steelwrist joysticks with rollers.	Proportional control with compensation if several functions run simultaneously.	Rotation	Proportional (directional)	All functions can be used simultaneously.
			Tilt	Proportional (directional)	
			Extra 1 (gripper option)	Proportional (directional)	
			Extra 2 (work tools)	Proportional (directional)	
			Coupler lock	On/Off (non directional)	

EXCAVATORS / S-SYSTEM

TILTROTATOR



THE GRIPPER

An integrated gripper is an amazing tool that increases your productivity even further. The gripper opens widely, closes almost entirely, has robust cylinder covers and does not interfere with excavation. Of course, it can be retrofitted.



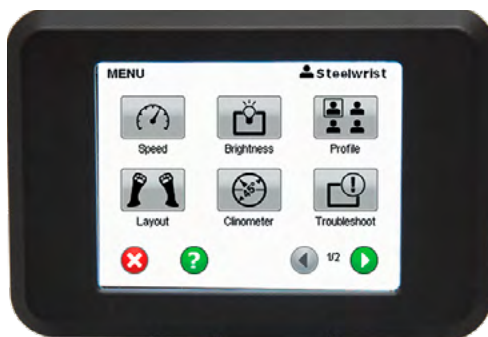


TILTROTATOR CONTROL

- With the two-hose version, all the tiltrotator's hydraulic functions are controlled proportionally with rollers on the L8 joysticks to achieve the best precision. The multifunctional L8 joysticks are well suited for ergonomical high precision steering of tiltrotators.

The rollers are placed on both front and back of the joystick and several functions can easily be controlled at the same time. Electronics and hydraulics provide optimal control of all tiltrotator functions.

- In addition, an X Control screen is installed in the cab, so you can program all the functions of your tiltrotator.



WHEEL STEERING FOR WHEEL EXCAVATOR

With wheel steering the operator does not have to let go of the joysticks when moving the machine at the worksite. Work runs smoothly and the machine can be controlled and moved without interrupting the work. The wheels are controlled using the left-hand index finger roller, which makes it possible to use other functions simultaneously with the same joystick.

The wheel steering has undergone extensive testing and evaluation and meets the safety requirements of the Machine Directive on all markets.



SPECIFICATIONS

	X04 SW	X04 DF
Tiltrotator Quick Coupler	S40	S40
Max Breakout torque	35 kNm	35 kNm
Weight from	120 kg	120 kg
Building height	343 mm	324 mm
Length	523 mm	570 mm
Cylinder width	499 mm	437 mm
Max tilt angle	±45°	±45°
Max width dipper arm	-	142 mm
Pin diameter	-	35-35 mm
Pin distance (cc-measure)	-	130-240 mm
Tilt Torque	10,6 kNm	10,6 kNm
Rotational Torque	3,9 kNm	3,9 kNm
Hydraulic AUX with gripper	1	1
Hydraulic AUX without gripper	1	1
Lifting hook	-	1 t
Oil Flow	28 l/min	28 l/min
Max pressure	210 bar	210 bar
Max Pressure Separate AUX	-	-
Safety solution	FPH	FPH

SW = Sandwich system
DF = Direct Fit system



TILTROTATOR

FACTORY FIT

Machine compatibility	Designation
SV26, ViO27, ViO33, ViO38	<p>Tiltrotator Direct Fit System CS9 system (4 hoses): Requires 2 proportional double-acting lines</p> <p>Tiltrotator X04 Direct Fit: tiltrotator S40 Front Pin Hook. CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Factory installation. (Short arm + counterweight are mandatories when delivered with a machine)</p>
	<p>Tiltrotator Sandwich System CS9 system (4 hoses): Requires 2 proportional double-acting lines + Flat face hydraulic quick connectors + Hydraulic quick hitch line is required</p> <p>Tiltrotator X04 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook.* CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Hydraulic quick hitch S40 with lifting hook. Factory installation. (Cabin + short arm + counterweight are mandatories when delivered with a machine)</p>

STAND ALONE

Machine compatibility	Designation
SV26, ViO27, ViO33, ViO38	<p>For safety reasons, it is strongly recommended that the following options are installed on the machine: Tiltrotator Direct Fit = short arm + counterweight. Tiltrotator Sandwich = cabin + short arm + counterweight + Hydraulic quick hitch line.</p> <p>Tiltrotator Direct Fit System CS9 system (4 hoses): Requires 2 proportional double-acting lines</p> <p>Tiltrotator X04 Direct Fit tiltrotator S40 Front Pin Hook.** Safety valves on tilt cylinders. Manual single-point centralized lubrication (Lifting hook included on the Tiltrotator)</p>
	<p>Tiltrotator Sandwich System CS9 system (4 hoses): Requires 2 proportional double-acting lines + Flat face hydraulic quick connectors + Hydraulic quick hitch line is required</p> <p>Tiltrotator X04 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook.** Safety valves on tilt cylinders. Manual single-point centralized lubrication. Hydraulic quick hitch S40 with lifting hook.</p>

*Not available for ViO27.

**CS9 system 17AA7781002 has to be selected.



SPECIFICATIONS

	X06 SW	X06 DF
Tiltrotator Quick Coupler	S40	S40
Max Breakout torque	45 kNm	45 kNm
Weight from	140 kg	140 kg
Building height	343 mm	345 mm
Length	527 mm	579 mm
Cylinder width	491 mm	477 mm
Max tilt angle	±45°	±45°
Max width dipper arm	–	198 mm
Pin diameter	–	35-50 mm
Pin distance (cc-measure)	–	130-315 mm
Tilt Torque	11 kNm	11 kNm
Rotational Torque	4,9 kNm	4,9 kNm
Hydraulic AUX with gripper	1	1
Hydraulic AUX without gripper	1	1
Lifting hook	–	1 t
Oil Flow	20-40 l/min	20-40 l/min
Max pressure	210 bar	210 bar
Max Pressure Separate AUX	350 bar	350 bar
Safety solution	FPH	FPH

SW = Sandwich system
DF = Direct Fit system



FACTORY FIT

Machine compatibility	Designation
ViO50, ViO57, SV60	Tiltrotator Direct Fit System CS9 system (4 hoses): Requires 2 proportional double-acting lines
	Tiltrotator X06 Direct Fit tiltrotator S40 Front Pin Hook. CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator X06 Direct Fit tiltrotator S40 Front Pin Hook. CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication Gripper (3 fingers)Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator Sandwich System CS9 system (4 hoses): Requires 2 proportional double-acting lines + Flat face hydraulic quick connectors + Hydraulic quick hitch line is required
	Tiltrotator X06 Sandwich : tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Hydraulic quick hitch S40 with lifting hook. Factory installation. (Short arm + counterweight are mandatories when delivered with a machine).
	Tiltrotator X06 Sandwich : tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Hydraulic quick hitch S40 with lifting hook. Factory installation. (Short arm + counterweight are mandatories when delivered with a machine).
	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X06 Direct Fit tiltrotator S40 Front Pin Hook. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation (Counterweight is mandatory when delivered with a machine)
	Tiltrotator X06 Direct Fit tiltrotator S40 Front Pin Hook. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the quick hitch. Factory installation (Counterweight is mandatory when delivered with a machine)
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Flat face hydraulic quick connectors + Hydraulic quick hitch line
	Tiltrotator X06 Sandwich : tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Factory installation. (Short arm + counterweight are mandatories when delivered with a machine)
	Tiltrotator X06 Sandwich : tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers) Factory installation. (Short arm + counterweight are mandatories when delivered with a machine)



STAND ALONE

Machine compatibility	Designation
ViO50, ViO57, SV60	<p>For safety reasons, it is strongly recommended that the following options are installed on the machine: Tiltrotator Direct Fit = short arm + counterweight. Tiltrotator Sandwich = cabin + short arm + counterweight + Hydraulic quick hitch line.</p> <p>Tiltrotator Direct Fit System CS9 system (4 hoses): Requires 2 proportional double-acting lines</p> <p>Tiltrotator X06 Direct Fit tiltrotator S40 Front Pin Hook. Safety valves on tilt cylinders.* Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator.</p> <p>Tiltrotator X06 Direct Fit tiltrotator S40 Front Pin Hook. Safety valves on tilt cylinders.* Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator.</p> <p>Tiltrotator Sandwich System CS9 system (4 hoses): Requires 2 proportional double-acting lines + Flat face hydraulic quick connectors + Hydraulic quick hitch line is required</p> <p>Tiltrotator X06 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook.* Safety valves on tilt cylinders. Manual single-point centralized lubrication.</p> <p>Tiltrotator X06 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook.* CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).</p> <p>Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker</p> <p>Tiltrotator X06 Direct Fit tiltrotator S40 Front Pin Hook. Safety valves on tilt cylinders.** Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator.</p> <p>Tiltrotator X06 Direct Fit tiltrotator S40 Front Pin Hook. Safety valves on tilt cylinders. ** Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator.</p> <p>Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Flat face hydraulic quick connectors + Hydraulic quick hitch line</p> <p>Tiltrotator X06 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook.** Safety valves on tilt cylinders. Manual single-point centralized lubrication.</p> <p>Tiltrotator X06 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook.** Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).</p>

*CS9 (4 hoses) system 172Z4881002 as to be selected in option in the price list.

**CS10 (2 hoses) system 804335 as to be selected in option in the price list.



SPECIFICATIONS

	X07 SW	X07 DF
Tiltrotator Quick Coupler	S40	S40
Max Breakout torque	65 kNm	65 kNm
Weight from	170 kg	170 kg
Building height	370 mm	400 mm
Length	575 mm	635 mm
Cylinder width	417 mm	574 mm
Max tilt angle	±45°	±45°
Max width dipper arm	–	240 mm
Pin diameter	–	45-55 mm
Pin distance (cc-measure)	–	220-310 mm
Tilt Torque	13,8 kNm	13,8 kNm
Rotational Torque	5,2 kNm	5,2 kNm
Hydraulic AUX with gripper	1	1
Hydraulic AUX without gripper	1	1
Lifting hook	–	2 t
Oil Flow	42 l/min	42 l/min
Max pressure	210 bar	210 bar
Max Pressure Separate AUX	350 bar	350 bar
Safety solution	FPH	FPH

SW = Sandwich system

DF = Direct Fit system



FACTORY FIT

Machine compatibility	Designation
ViO57, SV60	Tiltrotator Direct Fit System CS9 system (4 hoses): Requires 2 proportional double-acting lines
	<p>Tiltrotator X07 Direct Fit tiltrotator S40 Front Pin Hook. CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).</p>
	<p>Tiltrotator X07 Direct Fit tiltrotator S40 Front Pin Hook. CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).</p>
	Tiltrotator Sandwich System CS9 system (4 hoses): Requires 2 proportional double-acting lines + Flat face hydraulic quick connectors + Hydraulic quick hitch line is required
	<p>Tiltrotator X07 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Hydraulic quick hitch S40 with lifting hook. Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).</p>
	<p>Tiltrotator X07 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Hydraulic quick hitch S40 with lifting hook. Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).</p>
	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	<p>Tiltrotator X07 Direct Fit tiltrotator S40 Front Pin Hook. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).</p>
	<p>Tiltrotator X07 Direct Fit tiltrotator S40 Front Pin Hook. X Control System: CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).</p>
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Flat face hydraulic quick connectors + Hydraulic quick hitch line
	<p>Tiltrotator X07 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Hydraulic quick hitch S40 with lifting hook. Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).</p>
	<p>Tiltrotator X07 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Hydraulic quick hitch S40 with lifting hook. Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).</p>



STAND ALONE

Machine compatibility	Designation
	<p>For safety reasons, it is strongly recommended that the following options are installed on the machine: Tiltrotator Direct Fit = short arm + counterweight. Tiltrotator Sandwich = cabin + short arm + counterweight + Hydraulic quick hitch line.</p> <p>Tiltrotator Direct Fit System CS9 system (4 hoses): Requires 2 proportional double-acting lines</p> <p>Tiltrotator X07 Direct Fit tiltrotator S40 Front Pin Hook. Safety valves on tilt cylinders. * Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator.</p> <p>Tiltrotator X07 Direct Fit tiltrotator S40 Front Pin Hook. Safety valves on tilt cylinders. * Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator.</p> <p>Tiltrotator Sandwich System CS9 system (4 hoses): Requires 2 proportional double-acting lines + Flat face hydraulic quick connectors + Hydraulic quick hitch line is required</p> <p>Tiltrotator X07 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. * Safety valves on tilt cylinders. Manual single-point centralized lubrication.</p> <p>Tiltrotator X07 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. * CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).</p> <p>Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker</p> <p>Tiltrotator X07 Direct Fit tiltrotator S40 Front Pin Hook. Safety valves on tilt cylinders. ** Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator.</p> <p>Tiltrotator X07 Direct Fit tiltrotator S40 Front Pin Hook. Safety valves on tilt cylinders. ** Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator.</p> <p>Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Flat face hydraulic quick connectors + Hydraulic quick hitch line</p> <p>Tiltrotator X07 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. ** Safety valves on tilt cylinders. Manual single-point centralized lubrication.</p> <p>Tiltrotator X07 Sandwich: tiltrotator S40 and symmetrical hydraulic quick release S40 with Front Pin Hook. ** Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).</p>
ViO57, SV60	

*CS09 system 4 hoses 17AA7781002 has to be selected in option in the price list.

**CS10 (2 hoses) system 804335 has to be selected in option in the price list.



SPECIFICATIONS

	X07 SW	X07 DF
Tiltrotator Quick Coupler	S50	S50
Max Breakout torque	65 kNm	65 kNm
Weight from	170 kg	170 kg
Building height	370 mm	400 mm
Length	575 mm	635 mm
Cylinder width	417 mm	574 mm
Max tilt angle	±45°	±45°
Max width dipper arm	–	240 mm
Pin diameter	–	45-55 mm
Pin distance (cc-measure)	–	220-310 mm
Tilt Torque	13,8 kNm	13,8 kNm
Rotational Torque	5,2 kNm	5,2 kNm
Hydraulic AUX with gripper	1	1
Hydraulic AUX without gripper	1	1
Lifting hook	–	2 t
Oil Flow	42 l/min	42 l/min
Max pressure	210 bar	210 bar
Max Pressure Separate AUX	350 bar	350 bar
Safety solution	FPL	FPL

SW = Sandwich system
DF = Direct Fit system



TILTROTATOR

FACTORY FIT

Machine compatibility	Designation
B75W	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X07 Direct Fit tiltrotator S50 Front Pin Hook. X Control System: CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator X07 Direct Fit tiltrotator S50 Front Pin Hook. X Control System: CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator. Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Flat face hydraulic quick connectors + Hydraulic quick hitch line
	Tiltrotator X07 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Hook. * X Control System: CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Hydraulic quick hitch S50 with lifting hook. Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).
	Tiltrotator X07 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Hook. * X Control System: CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Hydraulic quick hitch S50 with lifting hook. Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).

*Hydraulic quick hitch S50 with lifting hook ref LST210QB2000CLH has to be selected in option.

STAND ALONE

Machine compatibility	Designation
B75W	For safety reasons, it is strongly recommended that the following options are installed on the machine:
	Tiltrotator Direct Fit = short arm + counterweight.
	Tiltrotator Sandwich = cabin + short arm + counterweight + Hydraulic quick hitch line.
	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X07 Direct Fit tiltrotator S50 Front Pin Hook. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator.*
	Tiltrotator X07 Direct Fit tiltrotator S50 Front Pin Hook. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator.*
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Hydraulic quick hitch line
	Tiltrotator X07 Sandwich : tiltrotator S50 and symmetrical hydraulic quick release S50 with Front Pin Hook. Safety valves on tilt cylinders. Manual single-point centralized lubrication.*
	Tiltrotator X07 Sandwich : tiltrotator S50 and symmetrical hydraulic quick release S50 with Front Pin Hook. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).*

*CS10 (2 hoses) system 5455770001 has to be selected in option in the price list.



SPECIFICATIONS

	X12 SW	X12 DF
Tiltrotator Quick Coupler	S50	S50
Max Breakout torque	80 kNm	80 kNm
Weight from	270 kg	270 kg
Building height	425 mm	494 mm
Length	624 mm	689 mm
Cylinder width	711 mm	711 mm
Max tilt angle	±45°	±45°
Max width dipper arm	–	272 mm
Pin diameter	–	40-60 mm
Pin distance (cc-measure)	–	240-365 mm
Tilt Torque	29 kNm	29 kNm
Rotational Torque	5,4 kNm	5,4 kNm
Hydraulic AUX with gripper	1	1
Hydraulic AUX without gripper	2	2
Lifting hook	–	3 t
Oil Flow	84 l/min	84 l/min
Max pressure	210 bar	210 bar
Max Pressure Separate AUX	350 bar	350 bar
Safety solution	FPL	FPL

SW = Sandwich system
DF = Direct Fit system

EXCAVATORS / S-SYSTEM

TILTROTATOR



FACTORY FIT

Machine compatibility	Designation
B7S, ViO80, SV86, SV100	Tiltrotator Direct Fit System CS9 system (4 hoses): Requires 2 proportional double-acting lines
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. * CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation. (Short arm + counterweight are mandatories when delivered with a machine).
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. * CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the quick hitch. Factory installation. (Short arm + counterweight are mandatories when delivered with a machine).
	Tiltrotator Sandwich System CS9 system (4 hoses): Requires 2 proportional double-acting lines + Hydraulic quick hitch line is required
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Hydraulic quick hitch S50 with lifting hook. Factory installation.* (Short arm + counterweight are mandatories when delivered with a machine).
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * CS9 system with 4 hoses and original Joysticks. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Hydraulic quick hitch S50 with lifting hook. Factory installation.* (Short arm + counterweight are mandatories when delivered with a machine).

*Hydraulic quick hitch S50 with lifting hook ref LST100QB2000CLH has to be selected in option.

STAND ALONE

Machine compatibility	Designation
B7S, ViO80, SV86, SV100,	For safety reasons, it is strongly recommended that the following options are installed on the machine: Tiltrotator Direct Fit = short arm + counterweight Tiltrotator Sandwich = cabin + short arm + counterweight + Hydraulic quick hitch line
	Tiltrotator Direct Fit System CS9 system (4 hoses): Requires 2 proportional double-acting lines
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator.*
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).*
	Tiltrotator Sandwich System CS9 system (4 hoses): Requires 2 proportional double-acting lines + Hydraulic quick hitch line is required
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication.*
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication Gripper (3 fingers).*

*CS9 system (4 hoses) 17AB12-81000 has to be selected in option in the price list.



TILTROTATOR

FACTORY FIT

Machine compatibility	Designation
B7S, ViO80, SV86, SV100	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Flat face hydraulic quick connectors + Hydraulic quick hitch line
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Factory installation.* (Short arm + counterweight are mandatory when delivered with a machine).
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Factory installation.* (Short arm + counterweight are mandatory when delivered with a machine).

*Hydraulic quick hitch S50 with lifting hook ref LST100QB2000CLH has to be selected in option.

STAND ALONE

Machine compatibility	Designation
B7S, ViO80, SV86, SV100	For safety reasons, it is strongly recommended that the following options are installed on the machine: Tiltrotator Direct Fit = short arm + counterweight Tiltrotator Sandwich = cabin + short arm + counterweight + Hydraulic quick hitch line
	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator.*
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator.*
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Hydraulic quick hitch line
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication.*
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).*

*CS10 (2 hoses) system 17WKT9-10000 has to be selected in option in the price list.



FACTORY FIT

Machine compatibility	Designation
B95W	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Flat face hydraulic quick connectors + Hydraulic quick hitch line
	Tiltrotator X12 Sandwich: tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock.* X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Factory installation. (Short arm + counterweight are mandatories when delivered with a machine).
	Tiltrotator X12 Sandwich: tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock.* X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Factory installation. (Short arm + counterweight are mandatories when delivered with a machine)

*Hydraulic quick hitch S50 with lifting hook ref LST210QB2000CLH has to be selected in option.

STAND ALONE

Machine compatibility	Designation
B95W	For safety reasons, it is strongly recommended that the following options are installed on the machine: Tiltrotator Direct Fit = short arm + counterweight Tiltrotator Sandwich = cabin + short arm + counterweight + Hydraulic quick hitch line
	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication.* Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator.*
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Hydraulic quick hitch line
	Tiltrotator X12 Sandwich: tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock.* Safety valves on tilt cylinders. Manual single-point centralized lubrication.
	Tiltrotator X12 Sandwich: tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock.* Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).

*CS10 (2 hoses) system 5455770001 has to be selected in option in the price list.



TILTROTATOR

FACTORY FIT

Machine compatibility	Designation
B110W	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock*. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock*. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Flat face hydraulic quick connectors + Hydraulic quick hitch line
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Hydraulic quick hitch S50 with lifting hook. Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).

*Hydraulic quick hitch S50 with lifting hook ref LST330QB2000CLH has to be selected in option.

STAND ALONE

Machine compatibility	Designation
B110W	For safety reasons, it is strongly recommended that the following options are installed on the machine:
	Tiltrotator Direct Fit = short arm + counterweight.
	Tiltrotator Sandwich = cabin + short arm + counterweight + Hydraulic quick hitch line.
	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication.*
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. * Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator.
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Hydraulic quick hitch line
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * Safety valves on tilt cylinders. Manual single-point centralized lubrication.
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).

*CS10 (2 hoses) system 5455770001 has to be selected in option in the price list.



TILTROTATOR

FACTORY FIT

Machine compatibility	Designation
SV120	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock*. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock*. X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator. Factory installation. (Counterweight is mandatory when delivered with a machine).
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Flat face hydraulic quick connectors + Hydraulic quick hitch line
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * X Control System:CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * X Control System: CS10 Steelwrist Joysticks + Tactile display in the cabin. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Factory installation. (Short arm + counterweight are mandatory when delivered with a machine).

*Hydraulic quick hitch S50 with lifting hook ref LST330QB2000CLH has to be selected in option.

STAND ALONE

Machine compatibility	Designation
SV120	For safety reasons, it is strongly recommended that the following options are installed on the machine: Tiltrotator Direct Fit = short arm + counterweight Tiltrotator Sandwich = cabin + short arm + counterweight + Hydraulic quick hitch line
	Tiltrotator Direct Fit System CS 10 system (2 hoses): Requires high flow line/Breaker
	Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication.* Tiltrotator X12 Direct Fit tiltrotator S50 with Front Pin Lock. Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers). Lifting hook included on the Tiltrotator.*
	Tiltrotator Sandwich System CS 10 system (2 hoses): Requires high flow line/Breaker + Hydraulic quick hitch line
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * Safety valves on tilt cylinders. Manual single-point centralized lubrication.
	Tiltrotator X12 Sandwich : tiltrotator and symmetrical hydraulic quick release S50 with Front Pin Lock. * Safety valves on tilt cylinders. Manual single-point centralized lubrication. Gripper (3 fingers).

*CS10 (2 hoses) system 545577000 has to be selected in option in the price list.

MECHANICAL QUICK HITCH

Casted quick hitch with Front Pin Hook safety solution, casted in one piece, has large work tool pin contact surfaces and optimized design, making it lightweight but yet robust which will ensure a long lifetime. The coupler has a fully closed design to reduce any risk of debris entering the locking mechanism.

The coupler is used to connect and disconnect work tools for compact excavators. It follows the symmetrical standard and has either a mechanical snap-in locking function (semi-automatic) or hydraulic locking function (automatic).



EXCAVATORS /

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MECHANICAL QUICK HITCH



The quick hitch is equipped with safety hooks that secure the work tools front shaft to reduce the risk of dropping the work tool if by mistake it is not connected correctly. We call this safety technology Front Pin Hook (FPH). The quick coupler complies with all relevant safety regulations such as EN474-5 and ISO 13031:2023.

The expander pin technology ensures a play free connection to reduce wear and extend the life of your equipment.

! *In the case of operations involving the handling of materials with a lifting hook, an excavator may only be used if it is equipped with safety valves on the cylinders (boom and dipperstick) and an overload warning.*

	Machine compatibility	Designation	Weight
	SV08, ViO10, ViO12	Mechanical quick hitch S30-180 without lifting hook	18 kg
	SV15, SV17, SV17e, ViO17, SV19	Mechanical quick hitch S30-180 without lifting hook	18 kg
		Mechanical quick hitch S30-180 with lifting hook	18 kg
	SV22, ViO23	Mechanical quick hitch S30-180 without lifting hook	18 kg
		Mechanical quick hitch S30-180 with lifting hook	18 kg
	SV26, ViO27, ViO27LW, ViO33, ViO38	Mechanical quick hitch S40 without lifting hook	30 kg
		Mechanical quick hitch S40 with lifting hook	30 kg
	ViO50, ViO57, SV60	Mechanical quick hitch S40 without lifting hook	30 kg
		Mechanical quick hitch S40 with lifting hook	30 kg



HYDRAULIC QUICK HITCH

Our range includes unique Steelwrist symmetrical hydraulic quick hitches. Expander pins are integrated, in order to create a truss structure that absorbs the lateral forces encountered when using a tiltrotator.

With Front Pin Lock, you are safe during tool changes regardless of control system, the size and age of your excavator. A simple mechanical solution that protects against the most common risk, i.e. that you connect the rear pin in the wrong way by mistake.



The Front Pin Lock consists of two innovations that, when combined, increase safety considerably:

- ▄ Locked front shaft – locks the front shaft of the attachments as the locking process is started.
- ▄ Positive lock indication – intuitive indication with red indicator when the coupler is open and green indicator when the bucket is in a safe position.

The Front Pin Lock is today standard on the large Steelwrist tiltrotators and couplers with symmetrical brackets.

Attaching and detaching the tool is done from the cabin. The control box allows the coupler to set either in attachment or detachment position only by simultaneously pressing two buttons. An audible and visual signal accompanies these states on the control box, and a mechanical locking indicator visible from the cabin is present on the quick coupler.




In case of hydraulic problems with the coupler's supply hoses, it can be unlocked with an emergency key, thus ensuring continuity of service until the repair is made.

For this product, the machine must be equipped with a hydraulic quick hitch line.

⚠ *In the case of operations involving the handling of materials with a lifting hook, an excavator may only be used if it is equipped with safety valves on the cylinders (boom and dipperstick) and an overload warning.*

EXCAVATORS / S-SYSTEM

HYDRAULIC QUICK HITCH








Machine compatibility	Designation	Weight
SV17, ViO17, SV19	Hydraulic quick hitch S30-180 without lifting hook	20 kg
	Hydraulic quick hitch S30-180 with lifting hook	20 kg
ViO23	Hydraulic quick hitch S30-180 without lifting hook	20 kg
	Hydraulic quick hitch S30-180 with lifting hook	20 kg
ViO23, SV26, ViO27, ViO27LW, ViO33, ViO38	Hydraulic quick hitch S40 without lifting hook	33 kg
	Hydraulic quick hitch S40 with lifting hook	33 kg
ViO50, ViO57, SV60	Mechanical quick hitch S40 without lifting hook	33 kg
	Mechanical quick hitch S40 with lifting hook	33 kg
B7S, ViO80, SV86, SV100	Hydraulic quick hitch S45 with lifting hook	70 kg
	Hydraulic quick hitch S50 with lifting hook	70 kg
B75W, B95W	Hydraulic quick hitch S45 with lifting hook	70 kg
	Hydraulic quick hitch S50 with lifting hook	70 kg
SV120, B110W	Hydraulic quick hitch S45 with lifting hook	70 kg
	Hydraulic quick hitch S50 with lifting hook	70 kg




TILTCOUPLER

The TCX is a tilt function for the smallest excavators with a tilt angle $\pm 30^\circ$. It is available as Direct mounted with S30 coupler, both manual snap-on or hydraulic.

-  Front Pin Safety Hook
-  Fully casted compact body
-  Expander pins

 *In the case of operations involving the handling of materials with a lifting hook, an excavator may only be used if it is equipped with safety valves on the cylinders (boom and dipperstick) and an overload warning.*

	Machine compatibility	Designation	Weight
	SV08	Mechanical tilt-coupler TCX S30-180 without lifting hook	31 kg
	ViO10, ViO12	Mechanical tilt-coupler TCX S30-180 without lifting hook	31 kg
	SV15, SV17, ViO17, SV19	Mechanical tilt-coupler TCX S30-180 without lifting hook	31 kg
		Mechanical tilt-coupler TCX S30-180 with lifting hook	32 kg
		Hydraulic tilt-coupler TCX S30-180 without lifting hook	34 kg
	SV22, ViO23	Mechanical tilt-coupler TCX S30-180 without lifting hook	31 kg
		Mechanical tilt-coupler TCX S30-180 with lifting hook	32 kg
		Hydraulic tilt-coupler TCX S30-180 without lifting hook	34 kg
		Hydraulic tilt-coupler TCX S30-180 with lifting hook	35 kg

DIGGING BUCKET

Traditional digging bucket in high quality abrasive steel – with or without teeth. CAT tooth system as standard alternatively extended cutting edge.


Progressive radius for efficiently cut through the material and higher digging capacity per spent Euro in fuel.



EXCAVATORS / S-SYSTEM


DIGGING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	SV08, ViO10, ViO12	Digging bucket symetric locking CB1-S30/180 without teeth	25 kg	25 l	240 mm
		Digging bucket symetric locking* DB08-S30/180 without teeth	30 kg	30 l	400 mm
	SV15, SV17, SV17e, ViO17, SV19	Digging bucket symetric locking CB1-S30/180 without teeth	25 kg	25 l	240 mm*
		Digging bucket symetric locking* CB2-S30/180 without teeth	30 kg	30 l	290 mm
		Digging bucket symetric locking* CB2T-S30/180 with teeth (J200 x3)	40 kg	30 l	290 mm
		Digging bucket symetric locking* DB1-S30/180 without teeth	35 kg	40 l	400 mm
		Digging bucket symetric locking* DB1T-S30/180 with teeth (J200 x3)	45 kg	40 l	400 mm
	SV22, ViO23	Digging bucket symetric locking* CB2-S30/180 without teeth	30 kg	30 l	290 mm
		Digging bucket symetric locking* CB2T-S30/180 with teeth (J200 x3)	40 kg	30 l	290 mm
		Digging bucket symetric locking* DB2-S30/180 without teeth	45 kg	70 l	450 mm
		Digging bucket symetric locking* DB2T-S30/180 with teeth	55 kg	70 l	450 mm
	ViO27, SV26	Digging bucket symetric locking CB3-S40 without teeth	55 kg	50 lit	300 mm
		Digging bucket symetric locking* DB2-S40 without teeth	45 kg	40 l	300 mm
		Digging bucket symetric locking* DB2T-S40 with teeth (J200 x3)	50 kg	40 l	300 mm
		Digging bucket symetric locking CB3C-S40 without teeth	60 kg	50 lit	400/200 mm
		Digging bucket symetric locking* DB2-S40 without teeth	50 kg	70 l	450 mm
		Digging bucket symetric locking* DB2T-S40 with teeth (J200 x3)	60 kg	70 l	450 mm
		Digging bucket symetric locking DB2-S40 without teeth	65 kg	100 lit	600 mm
		Digging bucket symetric locking* CB3-S40 without teeth	75 kg	100 lit	600 mm
	ViO33, ViO38	Digging bucket symetric locking CB3-S40 without teeth	55 kg	50 lit	300 mm
		Digging bucket symetric locking CB3C-S40 without teeth	60 kg	50 lit	400/200 mm
		Digging bucket symetric locking* CB3C-S40 without teeth	60 kg	50 l	400/200 mm
		Digging bucket symetric locking DB3T-S40 with teeth (J200 x4)	85 kg	100 lit	500 mm
		Digging bucket symetric locking DB2-S40 without teeth	65 kg	100 lit	600 mm
		Digging bucket symetric locking* CB3-S40 without teeth	75 kg	100 lit	600 mm

*Only SV15.




	Machine compatibility	Designation	Weight	Volume	Width
	ViO50, ViO57, SV60	Digging bucket symetric locking CB5-S40 without teeth	70 kg	60 l	300 mm
		Digging bucket symetric locking CB5-S40 with teeth (J200 x2)	75 kg	60 l	300 mm
		Digging bucket symetric locking DB4T-S40 with teeth (J200 x3)	75 kg	70 l	305 mm
		Digging bucket symetric locking CB5-S40 without teeth	80 kg	90 l	400 mm
		Digging bucket symetric locking CB5-S40 without teeth	85 kg	100 l	450 mm
		Digging bucket symetric locking CB5-S40 with teeth (J200 x3)	95 kg	100 l	450 mm
		Digging bucket symetric locking DB4T-S40 with teeth (J200 x4)	90 kg	100 l	457 mm
		Digging bucket symetric locking DB5-S40 without teeth	100 kg	140 l	600 mm
		Digging bucket symetric locking DB5T-S40 with teeth (J200 x4)	110 kg	140 l	600 mm
		Digging bucket symetric locking DB4-S40 without teeth	125 kg	190 l	700 mm
		Digging bucket symetric locking DB4T-S40 with teeth (J200 x4)	135 kg	190 l	700 mm
		Digging bucket symetric locking DB5-S40 without teeth	135 kg	210 l	750 mm
		Digging bucket symetric locking DB5T-S40 with teeth (J200 x4)	145 kg	210 l	750 mm
		Digging bucket symetric locking DB5-S40 without teeth	155 kg	260 l	900 mm
		Digging bucket symetric locking DB5T-S40 with teeth (J200 x4)	160 kg	260 l	900 mm
	B7S, ViO80, SV86	Digging bucket symetric locking CB6C-S45 without teeth	100 kg	80 lit	380/300 mm
		Digging bucket symetric locking CB6C-S50 without teeth	100 kg	80 lit	380/300 mm
		Digging bucket symetric locking CB6CT-S50 with teeth (J200 x3)	110 kg	80 lit	380/300 mm
		Digging bucket symetric locking CB6-S45 without teeth	110 kg	100 lit	400 mm
		Digging bucket symetric locking CB6-S50 without teeth	110 kg	100 lit	400 mm
		Digging bucket symetric locking CB6-S50 without teeth	115 kg	110 lit	450 mm
		Digging bucket symetric locking CB6T-S50 with teeth (J200 x4)	120 kg	110 lit	450 mm
		Digging bucket symetric locking DB6-S45 without teeth	135 kg	170 lit	600 mm
		Digging bucket symetric locking DB6T-S45 with teeth (J200 x4)	145 kg	170 lit	600 mm
		Digging bucket symetric locking DB6-S50 without teeth	135 kg	170 lit	600 mm
		Digging bucket symetric locking DB6T-S50 with teeth (J200 x4)	145 kg	170 lit	600 mm
		Digging bucket symetric locking DB6-S45 without teeth	145 kg	210 lit	700 mm
		Digging bucket symetric locking DB6T-S45 with teeth (J200 x4)	155 kg	210 lit	700 mm
		Digging bucket symetric locking DB6-S50 without teeth	150 kg	210 lit	700 mm
		Digging bucket symetric locking DB6T-S50 with teeth (J200 x4)	160 kg	210 lit	700 mm
		Digging bucket symetric locking DB6-S45 without teeth	180 kg	280 lit	900 mm
		Digging bucket symetric locking DB6T-S45 with teeth (J200 x4)	190 kg	280 lit	900 mm
		Digging bucket symetric locking DB6-S50 without teeth	180 kg	280 lit	900 mm
		Digging bucket symetric locking DB6T-S50 with teeth (J200 x4)	190 kg	280 lit	900 mm

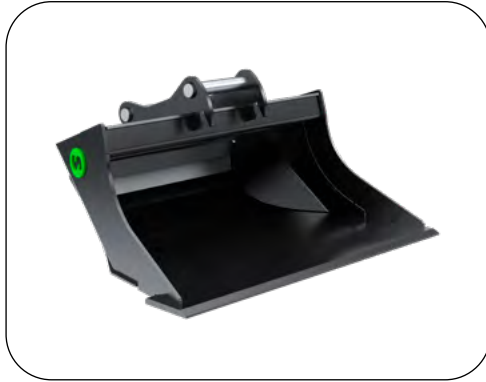
EXCAVATORS / S-SYSTEM

DIGGING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	SV100, SV120, B75W, B95W, B110W,	Digging bucket symetric locking CB6-S45 without teeth	110 kg	100 lit	400 mm
		Digging bucket symetric locking CB6-S50 without teeth	110 kg	100 lit	400 mm
		Digging bucket symetric locking DB6-S45 without teeth	145 kg	210 lit	700 mm
		Digging bucket symetric locking DB6-S50 without teeth	150 kg	210 lit	700 mm
		Digging bucket symetric locking DB6T-S45 with teeth (J200 x4)	155 kg	210 lit	700 mm
		Digging bucket symetric locking DB6T-S50 with teeth (J200 x4)	160 kg	210 lit	700 mm
		Digging bucket symetric locking CB9C-S50 without teeth	120 kg	80 lit	400/200 mm
		Digging bucket symetric locking CB9-S45 without teeth	135 kg	120 lit	400 mm
		Digging bucket symetric locking CB9-S50 without teeth	140 kg	120 lit	400 mm
		Digging bucket symetric locking DB9-S45 without teeth	180 kg	160 lit	450 mm
		Digging bucket symetric locking DB9T-S45 with teeth (J200 x3)	185 kg	160 lit	450 mm
		Digging bucket symetric locking DB9T-S50 with teeth (J200 x4)	175 kg	140 lit	457 mm
		Digging bucket symetric locking DB9-S45 without teeth	200 kg	210 lit	600 mm
		Digging bucket symetric locking DB9T-S45 with teeth (J200 x4)	210 kg	210 lit	600 mm
		Digging bucket symetric locking DB9-S50 without teeth	205 kg	210 lit	600 mm
		Digging bucket symetric locking DB9T-S50 with teeth (J200 x4)	215 kg	210 lit	600 mm
		Digging bucket symetric locking DB9-S45 without teeth	225 kg	260 lit	700 mm
		Digging bucket symetric locking DB9T-S45 with teeth (J200 x4)	235 kg	260 lit	700 mm
		Digging bucket symetric locking DB9-S50 without teeth	225 kg	260 lit	700 mm
		Digging bucket symetric locking DB9T-S50 with teeth (J200 x4)	235 kg	260 lit	700 mm
		Digging bucket symetric locking DB9-S45 without teeth	275 kg	350 lit	900 mm*
		Digging bucket symetric locking DB9T-S45 with teeth (J200 x4)	285 kg	350 lit	900 mm*
		Digging bucket symetric locking DB9-S50 without teeth	275 kg	350 lit	900 mm*
		Digging bucket symetric locking DB9T-S50 with teeth (J200 x4)	280 kg	360 lit	914 mm*

*Not available for B75W.



GRADING BUCKET

The Steelwrist grading bucket is optimized for use with a tiltrotator. The weight is relatively low thanks to high grade steel.

The progressive radius cuts the material easier during the digging movement. This special shape also allows the bucket to pass as close as possible to posts, nozzles and other site obstacles. They also allow optimum dumping through the corners of the bucket during filling operations.


At the same time, material releases easier when emptying the bucket.



EXCAVATORS / S-SYSTEM

GRADING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	SV08, ViO10, ViO12	Grading bucket symetric locking GB08-S30/180	40 kg	40 l	700 mm
	SV15, SV17, SV17e, ViO17, SV19	Grading bucket symetric locking GB1-S30/180	50 kg	60 l	800 mm
		Grading bucket symetric locking GB1-S30/180 (not possible with a tilt-coupler)	65 kg	80 l	1000 mm*
	SV22, ViO23	Grading bucket symetric locking GB2-S30/180	65 kg	90 l	900 mm
		Grading bucket symetric locking GB2-S30/180	75 kg	100 l	1000 mm
	SV26, ViO27, ViO33, ViO38	Grading bucket symetric locking GB2-S40	70 kg	90 lit	900 mm
		Grading bucket symetric locking GB2-S40	80 kg	100 lit	1000 mm
	ViO50, ViO57, SV60	Grading bucket GB4-S40	115 kg	160 l	914 mm
		Grading bucket GB4-S40	135 kg	200 l	1100 mm
	B7S, ViO80, SV86, B75W	Grading bucket GB6-S45	210 kg	300 lit	1300 mm
		Grading bucket GB6-S50	210 kg	300 lit	1300 mm
	SV100, SV120, B95W, B110W	Grading bucket GB9-S45	330 kg	400 lit	1400 mm
		Grading bucket GB9-S50	335 kg	400 lit	1400 mm
		Grading bucket GB9-S45	365 kg	450 lit	1524 mm
		Grading bucket GB9-S50	365 kg	450 lit	1524 mm

*Not available for SV15.

SKELETON BUCKET

The high strength steel and the reinforced structure make the skeleton bucket rugged and durable, the ideal choice for separating stones and aggregates, even in water, and for land reclamation.



EXCAVATORS / S-SYSTEM

SKELETON BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	SV15, SV17, SV17e, ViO17, SV19, SV22, ViO23	Skeleton bucket symmetric locking VE 38-S30 with teeth (ESCO type)	45 kg	49 l	500 mm
		Skeleton bucket symmetric locking VE 38-S30 with teeth (ESCO type)	50 kg	61 l	600 mm
		Skeleton bucket symmetric locking VE 38-S30 with teeth (ESCO type)	56 kg	74 l	700 mm
	SV26, ViO27, ViO27LW, ViO33, ViO38	Skeleton bucket VE 53-S40 with teeth (ESCO type)	102 kg	142 l	700 mm*
		Skeleton bucket VE 53-S40 with teeth (ESCO type)	113 kg	166 l	800 mm*
		Skeleton bucket VE 53-S40 with teeth (ESCO type)	122 kg	190 l	900 mm*
	ViO50, ViO57, SV60	Skeleton bucket VE 62-S40 with teeth (ESCO type)	122 kg	190 l	700 mm
		Skeleton bucket VE 62-S40 with teeth (ESCO type)	159 kg	226 l	800 mm
		Skeleton bucket VE 62-S40 with teeth (ESCO type)	175 kg	258 l	900 mm
	B7S, ViO80, SV86, SV100, SV120, B75W, B95W, B110W	Skeleton bucket VE 73-S45 with teeth (ESCO type)	241 kg	241 l	800 mm
		Skeleton bucket VE 73-S45 with teeth (ESCO type)	265 kg	265 l	900mm
		Skeleton bucket VE 73-S45 with teeth (ESCO type)	282 kg	282 l	1000 mm
		Skeleton bucketVE 73-S50 with teeth (ESCO type)	243 kg	243 l	800 mm
		Skeleton bucketVE 73-S50 with teeth (ESCO type)	267 kg	267 l	900mm
		Skeleton bucketVE 73-S50 with teeth (ESCO type)	284 kg	284 l	1000 mm

*Please refer to the attachments manual to check the stability of the machine depending on the configuration and the articles chosen (stability made with canopy + short arm + without additional counterweights: 295 kg).



RIPPER

An attachment used to penetrate and break very hard ground, the ripper tooth allows for rock-breaking, stump removal, and soil loosening work.

The ripper teeth enable you to increase your excavator's digging effort: they have a shorter radius than your standard buckets. Made of a central monobloc core with a large cross-section, it is protected by side guards, allowing you to perform rock-breaking tasks with confidence. They are originally equipped with a pointed tooth for optimal penetration. Its rounded rear shape allows you to leverage the ground for an effective 'crowbar' effect.



Machine compatibility	Designation	Weight
SV08, ViO10, ViO12, SV15, SV17, SV17e, ViO17, SV19, SV22, ViO23	Ripper tooth RCB 45-S30 (DTE 13)	33 kg
SV26, ViO27, ViO27Lw, ViO33, ViO38	Ripper tooth RCB 53-S30 (DTE 17)	52 kg
ViO50, ViO57, SV60	Ripper tooth RCB 67-S40 (DTE 17)	74 kg
B7S, ViO80, SV86, SV100, SV120, B75W, B95W, B110W	Ripper tooth RCB 80 -S45 (DTE 23)	136 kg
	Ripper tooth RCB 80 -S50 (DTE 23)	137 kg



FORK CARRIER STANDARD WITH FORK

The carrier with forks is the tool dedicated to handling pallets on construction sites. The forks are certified as 'lifting equipment' and are adjustable in width on a frame with slides.

The machine's load chart must be strictly observed, taking into account the offset and weight of the carrier with forks. Additional check valves on the bucket cylinder are also required.

NB: To be fully functional, you must order the corresponding adapter plate for the carrier forks.

! *In the case of operations involving the handling of materials with forks, an excavator may only be used if it is equipped with safety valves on the bucket cylinder.*



Machine compatibility

B75W, B95W, B110W

Designation

Fork carrier, with forks FK18S

Plate S-System (S45) forks FK18S

Plate S-System (S50) forks FK18S

Weight

137 kg

-

-

Length

1200 mm

-

-

Loading capacity

1800 kg

-

-

\\ Mechanical Quick Hitch ..94	🔗
\\ Hydraulic Quick Hitch96	🔗
\\ Digging bucket98	🔗
\\ Grading bucket103	🔗
\\ Swiveling grading bucket106	🔗
\\ Skeleton bucket108	🔗
\\ Ripper.....109	🔗
\\ Fork carrier standard with fork.....111	🔗



CR-SYSTEM BY CANGINI

Yanmar offers a range of couplers, in mechanical or hydraulic versions, as well as a complete range of tools from the brand CANGINI, which stands for reliable and innovative products.




MECHANICAL QUICK HITCH

The Reversible CR Twin Lock quick hitch allows simple tool coupling and uncoupling in just a few seconds. It features locking pins operated by a patented system, which guarantees maximum operator safety.

In the semi-automatic mechanical version, operator intervention is only required during uncoupling; the new tool is coupled and made safe automatically.

The operator therefore only has to leave the driving position once to change the attachment easily. This means a major time saving which makes changing attachment worthwhile, even for short work cycles.


With the CR adapter, the tools are reversible.

 *In the case of operations involving the handling of materials with a lifting hook, an excavator may only be used if it is equipped with safety valves on the cylinders (boom and dipperstick) and an overload warning.*

EXCAVATORS / **CR-SYSTEM**

MECHANICAL QUICK HITCH



	Machine compatibility	Designation	Weight
	SV08, ViO10, ViO12	Mechanical quick hitch CR 15 without lifting hook	21 kg
	SV15, SV17, SV17e, ViO17, SV19	Mechanical quick hitch CR 15 without lifting hook	21 kg
		Mechanical quick hitch CR 15 with lifting hook	21 kg
	SV22, ViO23	Mechanical quick hitch CR 30 without lifting hook	32 kg
		Mechanical quick hitch CR 30 with lifting hook	35 kg
	SV26, ViO27, ViO27LW	Mechanical quick hitch CR 30 DE without lifting hook	30 kg
		Mechanical quick hitch CR 30 DE with lifting hook	33 kg
	ViO33, ViO38	Mechanical quick hitch CR 40 without lifting hook	34 kg
		Mechanical quick hitch CR 40 with lifting hook	36 kg
	ViO50, ViO57, SV60	Mechanical quick hitch CR 50 without lifting hook	58 kg
		Mechanical quick hitch CR 50 with lifting hook	61 kg
	ViO80, B7S, SV86, SV100	Mechanical quick hitch CR 70 DE without lifting hook	92 kg
		Mechanical quick hitch CR 70 with lifting hook	97 kg
	B75W, B95W	Mechanical quick hitch CR 70 with lifting hook	96 kg
	B110W, SV120	Mechanical quick hitch CR 70 with lifting hook	102 kg



HYDRAULIC QUICK HITCH

The double-acting CR Twin Lock D.E. allows attachment coupling and uncoupling directly from the cab, in just a few seconds. The operator can therefore change the attachment easily without leaving the cab, and without the help of additional staff, meaning a major time saving. This makes switching tools worthwhile even for short work cycles.

With the versatile, high-performance CR adapter, the quick coupler becomes reversible.

It provides the highest reliability standards thanks to different safety systems: the integral check valve mounted on the cylinder, supplied as standard, which holds the quick coupler in place without uncoupling in case of a pressure drop on the hydraulic line; the coupling status indicator; the fork's double profile. The quick coupler's rugged sides are made entirely from HB400 steel.

With the new visual indicator, the operator can check the quick coupler's status directly from the cab, quickly and easily. During coupling, once the pins are engaged, the green indicator shows that the operation has been completed correctly.



❗ **The new fork's** double profile provides even greater safety against accidental tool drop.

❗ **Attaching and detaching the tool** is done from the cabin. Our control box allows the coupler to set either in attachment or detachment position only by simultaneously pressing two buttons. An audible and visual signal accompanies these states on the control box, and a mechanical locking indicator visible from the cabin is present on the quick coupler.






HYDRAULIC QUICK HITCH



In case of hydraulic problems with the coupler's supply hoses, it can be unlocked with an emergency key, thus ensuring continuity of service until the repair is made.

! *In the case of operations involving the handling of materials with a lifting hook, an excavator may only be used if it is equipped with safety valves on the cylinders (boom and dipperstick) and an overload warning.*

For this product, the machine must be equipped with a hydraulic quick hitch line.

	Machine compatibility	Designation	Weight
	SV17, SV17e, ViO17, SV19	Hydraulic quick hitch CR 15 DE without lifting hook	22 kg
		Hydraulic quick hitch CR 15 DE with lifting hook	23 kg
	ViO23	Hydraulic quick hitch CR 30 DE without lifting hook	30 kg
		Hydraulic quick hitch CR 30 DE with lifting hook	32 kg
	ViO23, SV26, ViO27, ViO27Lw	Hydraulic quick hitch CR 30 DE without lifting hook	30 kg
		Hydraulic quick hitch CR 30 DE with lifting hook	32 kg
	ViO33, ViO38	Hydraulic quick hitch CR 40 DE without lifting hook	34 kg
		Hydraulic quick hitch CR 40 DE with lifting hook	36 kg
	ViO50, ViO57, SV60	Hydraulic quick hitch CR 40 DE without lifting hook	38 kg
		Hydraulic quick hitch CR 40 DE with lifting hook	40 kg
	B7S, ViO80, SV86, SV100	Hydraulic quick hitch CR 70 DE without lifting hook	92 kg
		Hydraulic quick hitch CR 70 DE with lifting hook	95 kg
	B75W, B95W	Hydraulic quick hitch CR 70 DE with lifting hook	93 kg
	B110W, SV120	Hydraulic quick hitch CR 70 DE with lifting hook	102 kg

DIGGING BUCKET

The digging bucket is the classic tool of the excavator. Various widths are available for your excavation, earthmoving, or material loading work.


The high strength steel and the reinforced structure make the Cangini digging bucket rugged and durable. Its optimized design ensures effective penetration into the ground and increased load capacity.



EXCAVATORS / CR-SYSTEM

DIGGING BUCKET




	Machine compatibility	Designation	Weight	Volume	Width
	SV08, ViO10, ViO12	Digging bucket symetric locking SC 27 with bolted teeth	21 kg	10 l	200 mm
		Digging bucket symetric locking SC 27 with teeth (ESCO type)	22 kg	10 l	200 mm
		Digging bucket symetric locking SC 27 with bolted teeth	23 kg	14 l	250 mm
		Digging bucket symetric locking SC 27 with teeth (ESCO type)	25 kg	14 l	250 mm
		Digging bucket symetric locking SC 27 with bolted teeth	26 kg	18 l	300 mm
		Digging bucket symetric locking SC 27 with teeth (ESCO type)	26 kg	18 l	300 mm
		Digging bucket symetric locking SC 27 with bolted teeth	27 kg	21 l	350 mm
		Digging bucket symetric locking SC 27 with teeth (ESCO type)	27 kg	21 l	350 mm
		Digging bucket symetric locking SC 36 with bolted teeth	23 kg	15 l	200 mm
		Digging bucket symetric locking SC 36 with teeth (ESCO type)	23 kg	15 l	200 mm
		Digging bucket symetric locking SC 36 with bolted teeth	28 kg	50 l	250 mm
		Digging bucket symetric locking SC 36 with teeth (ESCO type)	28 kg	50 l	250 mm
		Digging bucket symetric locking SC 36 with bolted teeth	30 kg	25 l	300 mm
		Digging bucket symetric locking SC 36 with teeth (ESCO type)	31 kg	25 l	300 mm
		Digging bucket symetric locking SC 36 with bolted teeth	33 kg	31 l	350 mm
		Digging bucket symetric locking SC 36 with teeth (ESCO type)	33 kg	31 l	350 mm
		Digging bucket symetric locking SC 36 with bolted teeth	35 kg	37 l	400 mm
		Digging bucket symetric locking SC 36 with teeth (ESCO type)	36 kg	37 l	400 mm
		Digging bucket symetric locking SC 36 with bolted teeth	37 kg	43 l	450 mm
		Digging bucket symetric locking SC 36 with teeth (ESCO type)	38 kg	43 l	450 mm
		Digging bucket symetric locking SC 36 with bolted teeth	42 kg	49 l	500 mm
		Digging bucket symetric locking SC 36 with teeth (ESCO type)	43 kg	49 l	500 mm
		Digging bucket symetric locking SC 36 with bolted teeth	46 kg	61 l	600 mm*
		Digging bucket symetric locking SC 36 with teeth (ESCO type)	47 kg	61 l	600 mm*
		Digging bucket symetric locking SC 36 with bolted teeth	53 kg	74 l	700 mm*
		Digging bucket symetric locking SC 36 with teeth (ESCO type)	54 kg	74 l	700 mm*

*Not available for SV15.



DIGGING BUCKET


	Machine compatibility	Designation	Weight	Volume	Width
	SV22, ViO23, ViO27, SV26	Digging bucket symetric locking SC 45 with bolted teeth	37 kg	25 l	250 mm
		Digging bucket symetric locking SC 45 with teeth (ESCO type)	37 kg	25 l	250 mm
		Digging bucket symetric locking SC 45 with bolted teeth	43 kg	33 l	300 mm
		Digging bucket symetric locking SC 45 with teeth (ESCO type)	43 kg	33 l	300 mm
		Digging bucket symetric locking SC 45 with bolted teeth	46 kg	41 l	350 mm
		Digging bucket symetric locking SC 45 with teeth (ESCO type)	46 kg	41 l	350 mm
		Digging bucket symetric locking SC 45 with bolted teeth	49 kg	48 l	400 mm
		Digging bucket symetric locking SC 45 with teeth (ESCO type)	49 kg	48 l	400 mm
		Digging bucket symetric locking SC 45 with bolted teeth	52 kg	56 l	450 mm
		Digging bucket symetric locking SC 45 with teeth (ESCO type)	52 kg	56 l	450 mm
		Digging bucket symetric locking SC 45 with bolted teeth	56 kg	65 l	500 mm
		Digging bucket symetric locking SC 45 with teeth (ESCO type)	56 kg	65 l	500 mm
		Digging bucket symetric locking SC 45 with bolted teeth	62 kg	82 l	600 mm
		Digging bucket symetric locking SC 45 with teeth (ESCO type)	62 kg	82 l	600 mm
		Digging bucket symetric locking SC 45 with bolted teeth	68 kg	100 l	700 mm*
		Digging bucket symetric locking SC 45 with teeth (ESCO type)	68 kg	100 l	700 mm*
		Digging bucket symetric locking SC 45 with bolted teeth	74 kg	117 l	800 mm*
		Digging bucket symetric locking SC 45 with teeth (ESCO type)	75 kg	117 l	800 mm*
	SV26, ViO27, ViO27LW, ViO33, ViO38	Digging bucket symetric locking SC 53 with bolted teeth	47 kg	25 l	250 mm
		Digging bucket symetric locking SC 53 with teeth (ESCO type)	37 kg	25 l	250 mm
		Digging bucket symetric locking SC 53 with bolted teeth	54 kg	33 l	300 mm
		Digging bucket symetric locking SC 53 with teeth (ESCO type)	55 kg	33 l	300 mm
		Digging bucket symetric locking SC 53 with bolted teeth	59 kg	40 l	350 mm
		Digging bucket symetric locking SC 53 with teeth (ESCO type)	60 kg	40 l	350 mm
		Digging bucket symetric locking SC 53 with bolted teeth	63 kg	48 l	400 mm

*Only for ViO23, SV26, ViO27 (excluding ViO27LW).

EXCAVATORS / CR-SYSTEM

DIGGING BUCKET




	Machine compatibility	Designation	Weight	Volume	Width
	SV26, ViO27, ViO27LW, ViO33, ViO38	Digging bucket symetric locking SC 53 with teeth (ESCO type)	64 kg	48 l	400 mm
		Digging bucket symetric locking SC 53 with bolted teeth	67 kg	56 l	450 mm
		Digging bucket symetric locking SC 53 with teeth (ESCO type)	68 kg	56 l	450 mm
		Digging bucket symetric locking SC 53 with bolted teeth	72 kg	65 l	500 mm
		Digging bucket symetric locking SC 53 with teeth (ESCO type)	72 kg	65 l	500 mm
		Digging bucket symetric locking SC 53 with bolted teeth	80 kg	82 l	600 mm
		Digging bucket symetric locking SC 53 with teeth (ESCO type)	81 kg	82 l	600 mm
		Digging bucket symetric locking SC 53 with bolted teeth	90 kg	100 l	700 mm
		Digging bucket symetric locking SC 53 with teeth (ESCO type)	91 kg	100 l	700 mm
		Digging bucket symetric locking SC 53 with bolted teeth	91 kg	125 l	800 mm*
	ViO50, ViO57, SV60	Digging bucket symetric locking SC 53 with teeth (ESCO type)	92 kg	125 l	800 mm*
		Digging bucket symetric locking SC 62 with bolted teeth	71 kg	45 l	250 mm
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	72 kg	45 l	250 mm
		Digging bucket symetric locking SC 62 with bolted teeth	79 kg	58 l	300 mm
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	80 kg	58 l	300 mm
		Digging bucket symetric locking SC 62 with bolted teeth	87 kg	71 l	350 mm
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	88 kg	71 l	350 mm
		Digging bucket symetric locking SC 62 with bolted teeth	93 kg	85 l	400 mm
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	94 kg	85 l	400 mm
		Digging bucket symetric locking SC 62 with bolted teeth	98 kg	100 l	450 mm
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	99 kg	100 l	450 mm
		Digging bucket symetric locking SC 62 with bolted teeth	107 kg	115 l	500 mm
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	108 kg	115 l	500 mm
		Digging bucket symetric locking SC 62 with bolted teeth	117 kg	147 l	600 mm
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	118 kg	147 l	600 mm
		Digging bucket symetric locking SC 62 with bolted teeth	131 kg	180 l	700 mm
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	132 kg	180 l	700 mm

*Only for ViO38.

EXCAVATORS / CR-SYSTEM

DIGGING BUCKET



	Machine compatibility	Designation	Weight	Volume	Width
	ViO50, ViO57, SV60	Digging bucket symetric locking SC 62 with bolted teeth	142 kg	213 l	800 mm
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	143 kg	213 l	800 mm
		Digging bucket symetric locking SC 62 with bolted teeth	156 kg	248 l	900 mm*
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	157 kg	248 l	900 mm*
		Digging bucket symetric locking SC 62 with bolted teeth	166 kg	282 l	1000 mm**
		Digging bucket symetric locking SC 62 with teeth (ESCO type)	167 kg	282 l	1000 mm**
	B7S, ViO80, SV86, SV100, SV120, B75W, B95W, B110W	Digging bucket symetric locking SC 73 with teeth (ESCO type)	128 kg	76 l	300 mm
		Digging bucket symetric locking SC 73 with teeth (ESCO type)	146 kg	113 l	400 mm
		Digging bucket symetric locking SC 73 with teeth (ESCO type)	163 kg	153 l	500 mm
		Digging bucket symetric locking SC 73 with teeth (ESCO type)	185 kg	196 l	600 mm
		Digging bucket symetric locking SC 73 with teeth (ESCO type)	201 kg	240 l	700 mm
		Digging bucket symetric locking SC 73 with teeth (ESCO type)	223 kg	286 l	800 mm
		Digging bucket symetric locking SC 73 with teeth (ESCO type)	239 kg	333 l	900 mm***
		Digging bucket symetric locking SC 73 with teeth (ESCO type)	255 kg	379 l	1000 mm***
		Digging bucket symetric locking SC 73 with teeth (ESCO type)	271 kg	430 l	1100 mm***

*Only for ViO57 & SV60.

**Only for SV60.

***Not available for B75W.

GRADING BUCKET

The grading bucket has a wide opening and is used for finishing work such as cleaning ditches, sloping, and leveling.


A grading bucket, unlike an excavation bucket, does not have teeth. It is smooth, allowing it to flatten surfaces as efficiently as possible.

A reversible bolt-on cutting edge can be added to protect the leading edge.



EXCAVATORS / CR-SYSTEM

GRADING BUCKET

Machine compatibility	Designation	Weight	Volume	Width
SV08, ViO10, ViO12	Grading bucket symetric locking SP30	38 kg	41 l	600 mm
	Grading bucket symetric locking SP35	53 kg	75 l	800 mm
SV15, SV17, SV17e, ViO17, SV19	Grading bucket symetric locking SP35 with bolted counterblade	57 kg	75 l	800 mm*
	Grading bucket symetric locking SP35	62 kg	96 l	1000 mm
	Grading bucket symetric locking SP35 with bolted counterblade	68 kg	96 l	1000 mm*
SV22, ViO23	Grading bucket symetric locking SP40	89 kg	125 l	1000 mm
	Grading bucket symetric locking SP40 with bolted counterblade	95 kg	125 l	1000 mm
	Grading bucket symetric locking SP40	102 kg	154 l	1200 mm**
	Grading bucket symetric locking SP40 with bolted counterblade	109 kg	154 l	1200 mm**
SV26, ViO27, ViO27Lw	Grading bucket symetric locking SP40	89 kg	125 l	1000 mm
	Grading bucket symetric locking SP40 with bolted counterblade	95 kg	125 l	1000 mm
	Grading bucket symetric locking SP40	102 kg	154 l	1200 mm
	Grading bucket symetric locking SP40 with bolted counterblade	109 kg	154 l	1200 mm
ViO33, ViO38	Grading bucket symetric locking SP40	90 kg	125 l	1000 mm***
	Grading bucket symetric locking SP40 with bolted counterblade	120 kg	125 l	1000 mm***
	Grading bucket symetric locking SP40	103 kg	154 l	1200 mm***
	Grading bucket symetric locking SP40 with bolted counterblade	133 kg	154 l	1200 mm***
	Grading bucket symetric locking SP40	116 kg	182 l	1400 mm***
	Grading bucket symetric locking SP40 with bolted counterblade	146 kg	182 l	1400 mm***
ViO50, ViO57, SV60	Grading bucket symetric locking SP45	199 kg	254 l	1400 mm
	Grading bucket symetric locking SP45 with bolted counterblade	166 kg	254 l	1400 mm
	Grading bucket symetric locking SP45	166 kg	274 l	1500 mm
	Grading bucket symetric locking SP45 with bolted counterblade	211 kg	274 l	1500 mm

*Only for ViO17, SV17, SV19.

**Only for ViO23.

***Please refer to the attachments manual to check the stability of the machine depending on the configuration and the articles chosen (stability made with canopy + short arm + without additional counterweights: 295 kg).



GRADING BUCKET

	Machine compatibility	Designation	Weight	Volume	Width
	B7S, ViO80, SV86, B75W	Grading bucket symetric locking SP55	217 kg	326 l	1200 mm
		Grading bucket symetric locking SP55 with bolted counterblade	251 kg	326 l	1200 mm
		Grading bucket symetric locking SP55	243 kg	387 l	1400 mm
		Grading bucket symetric locking SP55 with bolted counterblade	285 kg	387 l	1400 mm
	SV100, SV120, B95W, B110W	Grading bucket symetric locking SP55	217 kg	326 l	1200 mm
		Grading bucket symetric locking SP55 with bolted counterblade	251 kg	326 l	1200 mm
		Grading bucket symetric locking SP55	243 kg	387 l	1400 mm
		Grading bucket symetric locking SP55 with bolted counterblade	285 kg	387 l	1400 mm
		Grading bucket symetric locking SP55	270 kg	447 l	1600 mm
		Grading bucket symetric locking SP55 with bolted counterblade	310 kg	447 l	1600 mm
		Grading bucket symetric locking SP55	297 kg	507 l	1800 mm*
		Grading bucket symetric locking SP55 with bolted counterblade	340 kg	507 l	1800 mm*

*Only for SV120 & B110W.

SWIVELING GRADING BUCKET

With a bidirectional tilt of up to 45°, the Cangini tilting bucket is exceptionally useful for maintenance and construction tasks on sloping terrain. The blade, the side cast cutters and side reinforcements, and the rear strips are made of HB400. The check valve fitted as standard ensures the position is maintained during work, preventing accidental bucket rotation and for maximum safety.

Its elongated, shallow form and its high strength steel structure make this bucket rugged and durable, ideal for constructing and maintaining slopes, banks and ditches.

The reinforcing bands welded to the bottom, an area subject to heavy stresses, make this a rugged bucket that offers a long working life. Its distinctive design ensures higher load capacity combined with more effective ditch bank levelling.

It has water drainage holes on the sides and bottom. It is recommended for cleaning, repairing and constructing slopes, for maintaining drainage ditches, for environmental reclamation works and for roadside maintenance.

A reversible bolt-on cutting edge can be added to protect the leading edge.





SWIVELING GRADING BUCKET




Machine compatibility	Designation	Weight	Volume	Width
SV17, SV17e, ViO17, SV19	Swiveling grading bucket symetric locking SQ30	79 kg	58 l	800 mm
	Swiveling grading bucket symetric locking SQ30	88 kg	74 l	1000 mm
SV22, ViO23	Swiveling grading bucket symetric locking SQ35	86 kg	75 l	800 mm
	Swiveling grading bucket symetric locking SQ35	95 kg	96 l	1000 mm
SV26, ViO27, ViO27Lw	Swiveling grading bucket symetric locking SQ35	95 kg	96 l	1000 mm
	Swiveling grading bucket symetric locking SQ35	104 kg	117 l	1200 mm
ViO33, ViO38	Swiveling grading bucket symetric locking SQ40	144 kg	125 l	1000 mm
	Swiveling grading bucket symetric locking SQ40	157 kg	154 l	1200 mm
ViO50, ViO57, SV60	Swiveling grading bucket symetric locking SQ45	218 kg	213 l	1200 mm
	Swiveling grading bucket symetric locking SQ45 with bolted counterblade	228 kg	213 l	1200 mm
	Swiveling grading bucket symetric locking SQ45	235 kg	254 l	1400 mm
	Swiveling grading bucket symetric locking SQ45 with bolted counterblade	245 kg	254 l	1400 mm
B7S, ViO80, SV86, SV100, SV120, B75W, B95W, B110W	Swiveling grading bucket symetric locking SQ55	383 kg	447 l	1600 mm
	Swiveling grading bucket symetric locking SQ55 with bolted counterblade	393 kg	447 l	1600 mm
	Swiveling grading bucket symetric locking SQ55	410 kg	507 l	1800 mm
	Swiveling grading bucket symetric locking SQ55 with bolted counterblade	420 kg	507 l	1800 mm



SKELETON BUCKET

The high strength steel and the reinforced structure make the skeleton bucket rugged and durable, the ideal choice for separating stones and aggregates, even in water, and for land reclamation.

	Machine compatibility	Designation	Weight	Volume	Width
	SV15, SV17, SV17e, ViO17, SV19	Skeleton bucket symetric locking VE 38 with teeth (ESCO type)	46 kg	49 l	500 mm
		Skeleton bucket symetric locking VE 38 with teeth (ESCO type)	52 kg	55 l	600 mm
		Skeleton bucket symetric locking VE 38 with teeth (ESCO type)	56 kg	61 l	700 mm
	SV22, ViO23 , SV26, ViO27, ViO27Lw	Skeleton bucket symetric locking VE 45 with teeth (ESCO type)	67 kg	79 l	600 mm
		Skeleton bucket symetric locking VE 45 with teeth (ESCO type)	74 kg	70 l	700 mm
		Skeleton bucket symetric locking VE 45 with teeth (ESCO type)	82 kg	85 l	800 mm
	ViO33, ViO38	Skeleton bucket symetric locking VE 53 with teeth (ESCO type)	100 kg	142 l	700 mm
		Skeleton bucket symetric locking VE 53 with teeth (ESCO type)	112 kg	166 l	800 mm
		Skeleton bucket symetric locking VE 53 with teeth (ESCO type)	120 kg	190 l	900 mm*
	ViO50, ViO57, SV60	Skeleton bucket symetric locking VE 62 with teeth (ESCO type)	165 kg	190 l	800 mm**
		Skeleton bucket symetric locking VE 62 with teeth (ESCO type)	182 kg	259 l	900 mm**
	B7S, ViO80, SV86, SV100, SV120, B75W, B95W, B110W	Skeleton bucket symetric locking VE 73-CR70 with teeth (ESCO type)	278 kg	296 l	800 mm
		Skeleton bucket symetric locking VE 73-CR70 with teeth (ESCO type)	327 kg	340 l	900 mm
		Skeleton bucket symetric locking VE 73-CR70 with teeth (ESCO type)	355 kg	384 l	1000 mm

*Please refer to the attachments manual to check the stability of the machine depending on the configuration and the articles chosen (stability made with canopy + short arm + without additional counterweights: 295 kg).

**Only for ViO57 & SV60.



RIPPER

An attachment used to penetrate and break very hard ground, the ripper tooth allows for rock-breaking, stump removal, and soil loosening work.

The CANGINI ripper teeth enable you to increase your excavator's digging effort: they have a shorter radius than your standard buckets. Made of a central monobloc core with a large cross-section, it is protected by side guards, allowing you to perform rock-breaking tasks with confidence.

They are originally equipped with a pointed tooth for optimal penetration. Its rounded rear shape allows you to leverage the ground for an effective 'crowbar' effect.





RIPPER



Machine compatibility	Designation	Weight
SV08, ViO10, ViO12, SV15, SV17, SV17e, ViO17, SV19	Ripper tooth RCB 45 (DTE 13)	34 kg
SV22, SV26, ViO23, ViO27, ViO27Lw	Ripper tooth RCB 45 (DTE 17)	44 kg
ViO33, ViO38	Ripper tooth RCB 53 (DTE 17)	53 kg
ViO50, ViO57, SV60	Ripper tooth RCB 67 (DTE 23)	81 kg
B7S, ViO80, SV86, SV100, SV120, B75W, B95W, B110W	Ripper tooth RCB 80 (DTE 23)	154 kg



FORK CARRIER STANDARD WITH FORK

The carrier with forks is the tool dedicated to handling pallets on construction sites. The forks are certified as ‘lifting equipment’ and are adjustable in width on a frame with slides. The machine’s load chart must be strictly observed, taking into account the offset and weight of the carrier with forks.

Additional check valves on the bucket cylinder are also required.

NB: To be fully functional, you must order the corresponding adapter plate for the carrier forks.

! *In the case of operations involving the handling of materials with forks, an excavator may only be used if it is equipped with safety valves on the bucket cylinder.*



Machine compatibility	Designation	Weight	Length	Loading capacity
B75W, B95W, B110W	Fork carrier, with forks FK18S	137 kg	1200 mm	1800 kg
	Plate CR70 forks FK18S	-	-	-



4 IN 1 BUCKET AND ADAPTER PLATE BY CANGINI

This multifunctional bucket, versatile and highly flexible, is particularly suited to loading, levelling, grabbing and unloading material without the need to replace any tool.

The opening and closing of the jaw allow to use the attachment for different applications.



It can be used as a loading bucket and for material handling, as clamshell bucket or levelling blade.

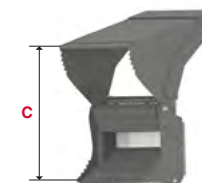
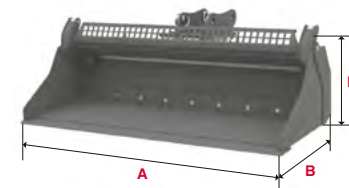
Among its advantages, the increased discharge height, particularly useful when working in elevated areas, where the kinematic motion of the machine is not enough for overturning the bucket.



EXCAVATORS / 4 IN 1 BUCKET



	Designation	Weight	Capacity SAE	A	B	C	D
	4 in 1 bucket M4-110 - 1 100 mm without tooth	317 kg	290 l	1100 mm	850 mm	900 mm	650 mm
	4 in 1 bucket M4-110 - 1100 mm with teeth (ESCO type)	325 kg	290 l	1100 mm	850 mm	900 mm	650 mm
	4 in 1 bucket M4-152 - 1 520 mm without tooth*	374 kg	410 l	1520 mm	850 mm	900 mm	650 mm
	4 in 1 bucket M4-152 - 1 520 mm with teeth (ESCO type)*	383 kg	410 l	1520 mm	850 mm	900 mm	650 mm
	Adapter plate type R-System (M3) for 4-in-1 bucket**	-	-	-	-	-	-
	Adapter plate type R-System (M4) for 4-in-1 bucket***	-	-	-	-	-	-
	Plate L- System (SW08) for 4 in 1 bucket	-	-	-	-	-	-
	Plate CR-System (CR70) for 4 in 1 bucket	-	-	-	-	-	-
	Plate U-System (QC50) for 4-in-1 bucket	-	-	-	-	-	-
	Plate S-System (S45) for 4-in-1 bucket	-	-	-	-	-	-
	Plate S-System (S50) for 4-in-1 bucket	-	-	-	-	-	-



*Only for SV86, SV100, SV120, B110W

** Not available for SV100, SV120, B110W

*** Not available for B75W, B95W, B7S

Breakers and adapter plates 115

BREAKERS

BY SOCOMEC

Yanmar offers the high-quality hydraulic hammers, designed for exceptional performance and maximum durability.

This range of monobloc hammers, crafted from a single piece of forged steel, ensures unmatched robustness and optimal efficiency.

With advanced technology and patented innovations, these hammers are ideal for demanding applications and deliver reliable results in the toughest conditions.





BREAKERS AND ADAPTER PLATES

Ours breakers range has been built with the same objective in mind: to provide reliability, solidity and safety to those who use them and to facilitate maintenance work.

The DMS Hydraulic Breaker range has been produced and used for more than 20 years. To cover our full range of excavators, Yanmar offers a choice of 8 breakers, from 60 kg to 950 kg.



\ DIAPHRAGM CHAMBER

- + Optimized nitrogen charge stability
- + Optimized availability
- + Reduced operating cost



\ MONOBLOC DESIGN

- + No tie rods
- + Optimized reliability
- + Reduced operating cost



\ POLYURETHAN ISOLATION SHELLS

- + Perfect fitting to the monobloc body
- + Quick and simple maintenance
- + Optimized noise and vibration reduction





\ CONTINUOUS PISTON MOTION

- + Optimized reactivity
- + Better productivity



BREAKERS AND ADAPTER PLATES



	Machine compatibility	Designation	Weight	Energy	Frequency	Oil flow	Working Pressure	Tool diameter	Height	Min. width	Max. Back pressure
 	SV08, ViO10, ViO12	YANMAR Breaker DMS 50 (without plate)	60 kg	120 J	1200 b/min	17/25 l/min	120 bar	38 mm	750mm	125 mm	20/30 bar
		Adapter plate for direct fit (pins mounting)	-	-	-	-	-	-	-	-	-
		Adapter plate type R-System (M0)	-	-	-	-	-	-	-	-	-
		Adapter plate L-System (SW01)	-	-	-	-	-	-	-	-	-
		Adapter plate CR-System (CR15)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S0/C)	-	-	-	-	-	-	-	-	-
		Adapter plate S-System (S30-180)	-	-	-	-	-	-	-	-	-
	SV15, SV17, SV17e, ViO17, SV19	YANMAR Breaker DMS95/2 (without plate)	95 kg	240 J	1200 b/min	27/40 l/min	120 bar	45 mm	1000 mm	130 mm	20/30 bar
		Adapter plate for direct fit (pins mounting)	-	-	-	-	-	-	-	-	-
		Adapter plate ACB MORIN (M0) for DMS 95/2	-	-	-	-	-	-	-	-	-
		Adapter plate L-System (SW01)	-	-	-	-	-	-	-	-	-
		Adapter plate CR-System (CR15)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S0/C)	-	-	-	-	-	-	-	-	-
		Adapter plate U-System (Q30/QC25)	-	-	-	-	-	-	-	-	-
	SV22, ViO23, SV26, ViO26, ViO27	YANMAR Breaker DMS 165 (without plate)	165 kg	330 J	1200 b/min	35/50 l/min	120 bar	55 mm	1050 mm	165 mm	20/30 bar
		Adapter plate for direct fit (pins mounting)	-	-	-	-	-	-	-	-	-
		Adapter plate ACB MORIN (M1)	-	-	-	-	-	-	-	-	-
		Adapter plate LEHNHOFF (SW1)	-	-	-	-	-	-	-	-	-
		Adapter plate L-System (SW03)	-	-	-	-	-	-	-	-	-
		Adapter plate CR-System (CR30)	-	-	-	-	-	-	-	-	-
		Adapter plate U-System (Q35/QC35)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S0/C)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S1/D)	-	-	-	-	-	-	-	-	-
		Adapter plate S-System (S40-200)	-	-	-	-	-	-	-	-	-

Our hydraulic breakers are supplied with 2 connecting hoses and 2 tools (pick + chisel).

EXCAVATORS / BREAKERS



BREAKERS AND ADAPTER PLATES

	Machine compatibility	Designation	Weight	Energy	Frequency	Oil flow	Working Pressure	Tool diameter	Height	Min. width	Max. Back pressure
 	ViO33, ViO38	YANMAR Breaker DMS 210 (without plate)	210 kg	500 J	1200 b/min	40/55 l/min	120 bar	62 mm	1200 mm	190 mm	20/30 bar
		Adapter plate for direct fit (pins mounting)	-	-	-	-	-	-	-	-	-
		Adapter plate ACB MORIN (M1)	-	-	-	-	-	-	-	-	-
		Adapter plate L-System (SW03)	-	-	-	-	-	-	-	-	-
		Adapter plate CR-System (CR40)	-	-	-	-	-	-	-	-	-
		Adapter plate U-System (Q38/QC38)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S1/D)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S2/E)	-	-	-	-	-	-	-	-	-
		Adapter plate S-System (S40-200)	-	-	-	-	-	-	-	-	-
	ViO50, ViO57, SV60	YANMAR Breaker DMS 300 (without plate)	300 kg	700 J	1100 b/min	50/80 l/min	120 bar	72 mm	1423 mm	205 mm	20/30 bar
		Adapter plate for direct fit (pins mounting)	-	-	-	-	-	-	-	-	-
		Adapter plate ACB MORIN (M2)	-	-	-	-	-	-	-	-	-
		Adapter plate L-System (SW03)	-	-	-	-	-	-	-	-	-
		Adapter plate CR-System (CR50)	-	-	-	-	-	-	-	-	-
		Adapter plate U-System (Q45/QC45)	-	-	-	-	-	-	-	-	-
		Adapter plate S-System (S40-200)	-	-	-	-	-	-	-	-	-

Our hydraulic breakers are supplied with 2 connecting hoses and 2 tools (pick + chisel).

BREAKERS AND ADAPTER PLATES

	Machine compatibility	Designation	Weight	Energy	Frequency	Oil flow	Working Pressure	Tool diameter	Height	Min. width	Max. Back pressure
 	ViO50, ViO57, SV60, B7S, ViO80, SV86, B75W, B95W, B110W	YANMAR Breaker DMS 400 (without plate)	400 kg	900 J	900 b/min	70/100 l/min	120 bar	80 mm	1455 mm	225 mm	25 bar
		Adapter plate for direct fit (pins mounting)	-	-	-	-	-	-	-	-	-
		Adapter plate ACB MORIN (M2)	-	-	-	-	-	-	-	-	-
		Adapter plate LEHNHOFF (SW3)	-	-	-	-	-	-	-	-	-
		Adapter plate CR-System (CR50?)	-	-	-	-	-	-	-	-	-
		Adapter plate U-System (Q45/QC45)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S2/E)	-	-	-	-	-	-	-	-	-
		Adapter plate S-System S45	-	-	-	-	-	-	-	-	-
		Adapter plate S-System S50	-	-	-	-	-	-	-	-	-
		Adapter plate for direct fit (pins mounting)	-	-	-	-	-	-	-	-	-
		Adapter plate ACB MORIN (M2)	-	-	-	-	-	-	-	-	-
		Adapter plate LEHNHOFF (SW3)	-	-	-	-	-	-	-	-	-
		Adapter plate CR-System (CR50?)	-	-	-	-	-	-	-	-	-
		Adapter plate U-System (Q45/QC45?)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S2/E)	-	-	-	-	-	-	-	-	-
		Adapter plate S-System S45	-	-	-	-	-	-	-	-	-
		Adapter plate S-System S50	-	-	-	-	-	-	-	-	-

Our hydraulic breakers are supplied with 2 connecting hoses and 2 tools (pick + chisel).

BREAKERS AND ADAPTER PLATES

	Machine compatibility	Designation	Weight	Energy	Frequency	Oil flow	Working Pressure	Tool diameter	Height	Min. width	Max. Back pressure
 	ViO80, SV86, SV100, SV120, B95W, B110W	YANMAR Breaker DMS 530 (without plate)	530 kg	1080 J	900 b/min	80/110 l/min	120 bar	85	1700 mm	235 mm	25 bar
		Adapter plate for direct fit (pins mounting)	-	-	-	-	-	-	-	-	-
		Adapter plate ACB MORIN (M3)	-	-	-	-	-	-	-	-	-
		Adapter plate ACB MORIN (M4)	-	-	-	-	-	-	-	-	-
		Adapter plate LEHNHOFF (SW8)	-	-	-	-	-	-	-	-	-
		Adapter plate CR-System (CR70)	-	-	-	-	-	-	-	-	-
		Adapter plate U-System (Q50H)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S-F)	-	-	-	-	-	-	-	-	-
		Adapter plate S-System S45	-	-	-	-	-	-	-	-	-
		Adapter plate S-System S50	-	-	-	-	-	-	-	-	-
	SV100, SV120	YANMAR Breaker DMS 980 (without plate)	950 kg	1600 J	900 b/min	100/130 l/min	130 bar	102	1830 mm	280 mm	25 bar
		Adapter plate for direct fit (pins mounting)	-	-	-	-	-	-	-	-	-
		Adapter plate ACB MORIN (M4)	-	-	-	-	-	-	-	-	-
		Adapter plate LEHNHOFF (SW8)	-	-	-	-	-	-	-	-	-
		Adapter plate CR-System (CR70)	-	-	-	-	-	-	-	-	-
		Adapter plate U-System (Q50H)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S-F)	-	-	-	-	-	-	-	-	-
		Adapter plate KLAC (S-G)	-	-	-	-	-	-	-	-	-
		Adapter plate S-System S45	-	-	-	-	-	-	-	-	-
		Adapter plate S-System S50	-	-	-	-	-	-	-	-	-

Our hydraulic breakers are supplied with 2 connecting hoses and 2 tools (pick + chisel).



- \\ Earth drill & Coupling System 121
- \\ Adapter plates 123
- \\ Auger 124



AUGER BY AUGERTORQUE

Yanmar offers a range of high-quality augers from AUGER TORQUE, suitable for our mini excavators from 1 to 6 tons. These earth drills are designed with the end user in mind, developed in collaboration with operators and key contractors to meet the demands of today's jobs. Proven to be tough and versatile, they handle a variety of ground conditions with ease, ensuring optimal performance and reliability for your projects.



EARTH DRILL & COUPLING SYSTEM

Features of our Earth Drills



1 FORGED HOOD EARS

Standard with all Earth Drills in areas that we know will take a lot of strain. All hood pins are locked for extra safety making it impossible for the hood to detach from your hitch.



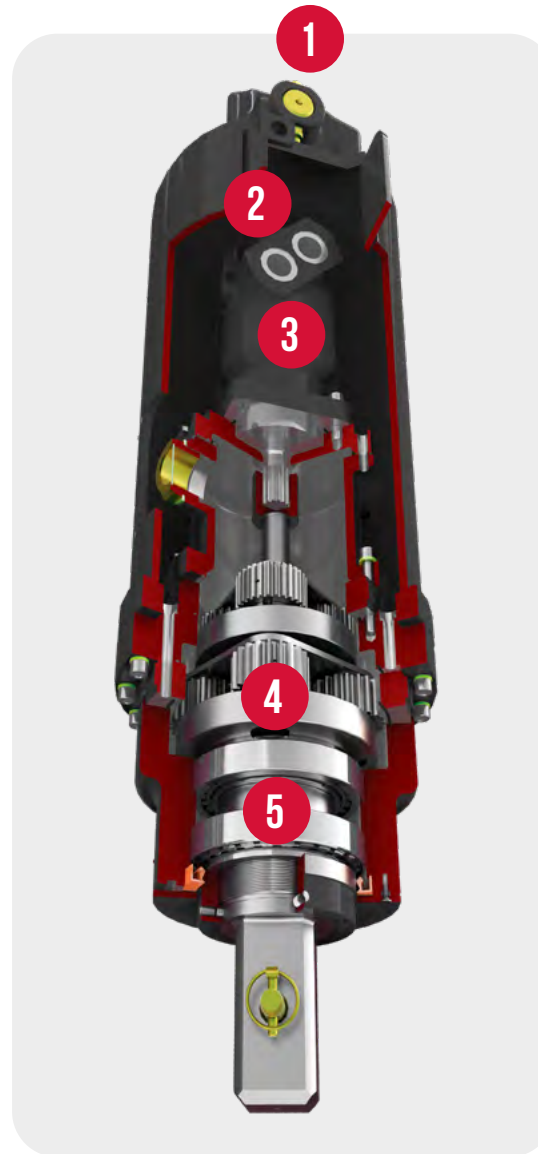
2 HOSES & ADAPTORS

All Earth Drills come standard with high quality hoses and adaptors (excludes larger units. QRC's not included).



3 HIGH QUALITY HYDRAULIC MOTORS

Auger Torque's huge buying power means we work closely with high quality suppliers to develop the most reliable attachments available on the market today.



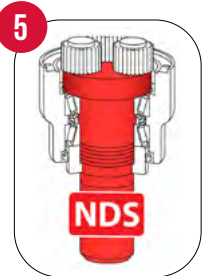
4 EPICYCLIC GEARBOX

Torque is amplified by using the unique Auger Torque planetary gearbox. This system allows the motors output torque to be multiplied with extreme efficiency as well as ensuring the durability and reliability you need.



5 NON-DISLODGE MENT SHAFT

Unique to Auger Torque, the Non-Dislodgement Shaft is a single piece drive shaft assembled top down and locked into the Earth Drill housing. This design guarantees that the shaft will never fall out, making for a safer work environment, not only for the operator but also any surrounding workers, a **must-have feature** for any safety conscious company.



To have a complete kit, you need to order:



ADAPTER PLATE



SUPPORT



EARTH DRILL



AUGER

EXCAVATORS/ EARTH AUGER



EARTH DRILL & COUPLING SYSTEMS



Machine compatability	Designation	Weight	Torque Range	Hydraulic flow	Pressure
SV08, ViO10, ViO12	Earth drill 1200	35 kg	189-1,164 Nm	15-32 l/min	30-185 bar
	Double pin earth drill hith for 1200	9 kg		-	-
ViO10, ViO12, SV15, SV17, SV17e, ViO17, SV19	Earth drill X1500	46 kg	511-1,496 Nm	20-45 l/min	70-205 bar
ViO10, ViO12	Double pin craddle earth drill hitch for X1500	18 kg		-	-
SV15, SV17, SV17e, ViO17, SV19	Double pin craddle earth drill hitch for X1500	20 kg		-	-
SV22, ViO23-6, ViO26, ViO27, ViO27Lw, SV26	Earth drill X 2500	47 kg	830-2,847 Nm	27-75 l/min	70-240 bar
	Double pin craddle earth drill hitch for X2500	25 kg		-	-
ViO33, ViO38	Earth drill 3500 MAX	73 kg	1,205-3,614 Nm	40-75 l/min	80-240 bar
	Double pin craddle earth drill hitch for 3500 MAX	32 kg		-	-
ViO50, ViO57, SV60	Earth drill 5500 MAX	108 kg	1,685-5,477 Nm	40-115 l/min	80-260 bar
	Double pin craddle earth drill hitch for X5500	44 kg		-	-

Our earth augers are supplied with 2 connecting hoses.



**DOUBLE PIN CRADLE
EARTH DRILL HITCH**

OR



**DOUBLE PIN EARTH
DRILL HITH**

ADAPTER PLATES

Machine compatability	Designation	Weight
SV08, ViO10, ViO12	Adapter plate for direct fit (pins mounitng)	15 kg
	Adapter plate type R-System (M0)	14 kg
	Adapter plate L-System (SW01)	22 kg
	Adapter plate CR-System (CR15)	22 kg
	Plate KLAC (S0/C)	12 kg
SV15, SV17, SV17e, ViO17, SV19	Adapter plate for direct fit (pins mounting)	15 kg
	Adapter plate ACB MORIN (M0) for DMS 95/2	14 kg
	Adapter plate L-System (SW01)	24 kg
	Adapter plate CR-System (CR15)	24 kg
	Adapter plate CR-System (CR15)	17 kg
	Plate KLAC (S0/C)	15 kg
SV22, SV26, ViO23-6, ViO26, ViO27, ViO27Lw	Adapter plate U-System (Q30/QC25)	24 kg
	Adapter plate for direct fit (pins mounting)	19 kg
	Adapter plate ACB MORIN (M1)	22 kg
	Adapter plate L-System (SW03)	22 kg
	Adapter plate CR-System (CR30)	25 kg
	Adapter plate S-System (Q38/QC 38)	24 kg
	Plate KLAC (S1/D)	25 kg
	Adapter plate S-System (S40-200)	32 kg
ViO33, ViO38	Adapter plate for direct fit (pins mounting)	30 kg
	Adapter plate ACB MORIN (M1)	26 kg
	Adapter plate L-System (SW03)	30 kg
	Adapter plate CR-System (CR40)	28 kg
	Adapter plate U-System (Q38/QC38)	25 kg
	Plate KLAC (S1/D)	25 kg
	Plate KLAC (S2/E)	25 kg
	Adapter plate S-System (S40-200)	29 kg
ViO50, ViO57, SV60	Adapter plate for direct fit (pins mounting)	15 kg
	Adapter plate ACB MORIN (M2)	24 kg
	Adapter plate L-System (SW03)	37 kg
	Adapter plate CR-System (CR50)	57 kg
	Adapter plate U-System (Q45/QC45)	39 kg
	Adapter plate S-System (S40-200)	32 kg



AUGER

Our comprehensive selection Auger Torque augers are built from high grade steel and incorporate many features that will allow you to work more efficiently and will make your job easier.

A long-standing expertise makes this range of augers the most reliable, versatile and efficient, whatever the size of the job.

Fitted to our 0 to 6 tons mini-excavators range, the augers offer a wide range of widths, as well as extensions, if required.

So, whether it's post holes, fence holes, signage, post-framed buildings, footings, lighting and utility poles, these augers will make your job easier and more successful with every job you undertake.

TUNGSTEN TEETH (Shock Lock™)

All the augers Yanmar offers are fitted with Tungsten teeth, so they can be used in dry, hard or medium soils where there may be scattered rocks. The ideal 'all-terrain' tool if you're not sure what you might encounter.



1 \ HEAVY DUTY TUBE

We know that our augers can expect a tough life, so we only use the highest-grade steel and vary our tube size according to machine size and application. Our augers have a reputation of being the toughest on the market.

2 \ HUB OPTIONS

Augers are available with all major standard hubs on the market.

3 \ SHALLOW PITCH FLIGHTS

By working with and more importantly listening to operators in the field, we have developed the perfect pitch for our flights, ensuring the spoil will stay on your auger when you remove it from the hole, giving you maximum efficiency on the job.

4 \ CONSTANT SPIRAL CUT

Our boring heads are designed with a constant spiral cut. Teeth are located so that each makes its own fresh cut on every revolution and are angled to direct spoil towards the centre of the auger. The tooth cutting angle ensures spoil is broken up thoroughly to avoid any clogging.


5 \ SHOCK LOCK™ TOOTH LOCKING SYSTEM: DON'T LEAVE YOUR TEETH OF THE HOLE!

The patented Auger Torque shock Lock™ tooth locking system makes losing teeth a thing of the past. The shock lock pin and rubber in our unique shock lock tooth holders ensures your auger teeth are safely locked in place and protected against shock fractures. Replacing worn teeth is simple, just knock out the old pin with a standard hole punch and the tooth will slide out of the holder with ease. You will never need to worry about fitting spare teeth due to losing them again.

EXCAVATORS / EARTH AUGER



AUGER

	Machine compatibility	Designation	Weight	Length	Diameter
	SV08, ViO10, ViO12	Auger S2 for type 1200 (Tungsten teeth)	12 kg	900 mm	100 mm
		Auger S2 for type 1200 (Tungsten teeth)	14 kg	900 mm	150 mm
		Auger S2 for type 1200 (Tungsten teeth)	16 kg	900 mm	200 mm
		Auger S2 for type 1200 (Tungsten teeth) *	18 kg	900 mm	250 mm
		Auger S2 for type 1200 (Tungsten teeth) *	20 kg	900 mm	300 mm
	ViO10, ViO12, SV15, SV17, SV17e, ViO17, SV19	Extension - S4 - 65mm RND - Length 1000mm	16 kg	-	-
		Auger S4 for type X1500 (Tungsten teeth)	18 kg	1200 mm	100 mm
		Auger S4 for type X1500 (Tungsten teeth)	23 kg	1200 mm	150 mm
		Auger S4 for type X1500 (Tungsten teeth)	26 kg	1200 mm	200 mm
		Auger S4 for type X1500 (Tungsten teeth)	28 kg	1200 mm	250 mm
		Auger S4 for type X1500 (Tungsten teeth)	31 kg	1200 mm	300 mm
		Auger S4 for type X1500 (Tungsten teeth)	36 kg	1200 mm	350 mm
	SV22, ViO23-6, SV26, ViO26, ViO27, ViO27Lw	Auger S4 for type X1500 (Tungsten teeth)	38 kg	1200 mm	400 mm
		Extension - S4 - 65mm RND - Length 1000mm	16 kg	-	-
		Auger S4 for type X 2500 (Tungsten teeth)	18 kg	1200 mm	100 mm
		Auger S4 for type X 2500 (Tungsten teeth)	23 kg	1200 mm	150 mm
		Auger S4 for type X 2500 (Tungsten teeth)	26 kg	1200 mm	200 mm
		Auger S4 for type X 2500 (Tungsten teeth)	28 kg	1200 mm	250 mm
		Auger S4 for type X 2500 (Tungsten teeth)	31 kg	1200 mm	300 mm
		Auger S4 for type X 2500 (Tungsten teeth)	36 kg	1200 mm	350 mm
		Auger S4 for type X 2500 (Tungsten teeth)	38 kg	1200 mm	400 mm
		Auger S4 for type X 2500 (Tungsten teeth)	42 kg	1200 mm	450 mm
		Auger S4 for type X 2500 (Tungsten teeth)	46 kg	1200 mm	500 mm


*Only for ViO10 & ViO12.

EXCAVATORS / EARTH AUGER



AUGER

	Machine compatibility	Designation	Weight	Length	Diameter
	ViO33, ViO38	Extension - S4 - 65mm RND - Length 1000mm	16 kg	-	-
		Auger S4 for type 3500 MAX (Tungsten teeth)	18 kg	1200 mm	100 mm
		Auger S4 for type 3500 MAX (Tungsten teeth)	23 kg	1200 mm	150 mm
		Auger S4 for type 3500 MAX (Tungsten teeth)	26 kg	1200 mm	200 mm
		Auger S4 for type 3500 MAX (Tungsten teeth)	28 kg	1200 mm	250 mm
		Auger S4 for type 3500 MAX (Tungsten teeth)	31 kg	1200 mm	300 mm
		Auger S4 for type 3500 MAX (Tungsten teeth)	36 kg	1200 mm	350 mm
		Auger S4 for type 3500 MAX (Tungsten teeth)	38 kg	1200 mm	400 mm
		Auger S4 for type 3500 MAX (Tungsten teeth)	42 kg	1200 mm	450 mm
		Auger S4 for type 3500 MAX (Tungsten teeth)	46 kg	1200 mm	500 mm
		Auger S4 for type 3500 MAX (Tungsten teeth)	52 kg	1200 mm	600 mm
	ViO50, ViO57, SV60	Extension - S5 -75mm SQ - Length 1000mm	28 kg	-	-
		Auger S5 for type 5500 MAX (Tungsten teeth)	41 kg	1500 mm	150 mm
		Auger S5 for type 5500 MAX (Tungsten teeth)	44 kg	1500 mm	200 mm
		Auger S5 for type 5500 MAX (Tungsten teeth)	49 kg	1500 mm	250 mm
		Auger S5 for type 5500 MAX (Tungsten teeth)	53 kg	1500 mm	300 mm
		Auger S5 for type 5500 MAX (Tungsten teeth)	61 kg	1500 mm	350 mm
		Auger S5 for type 5500 MAX (Tungsten teeth)	64 kg	1500 mm	400 mm
		Auger S5 for type 5500 MAX (Tungsten teeth)	67 kg	1500 mm	450 mm
	SV60	Auger S5 for type 5500 MAX (Tungsten teeth)	75 kg	1500 mm	500 mm
		Auger S5 for type 5500 MAX (Tungsten teeth)	85 kg	1500 mm	600 mm

Sorting Grapple and
adapter plate.....128 



SORTING GRAPPLE BY CANGINI

High productivity and ease of use even in heavy-duty conditions thanks to the hydraulic 360° rotation, a standard feature on all models, and clamps and blades in hardwearing HB400 steel.

Designed to handle a variety of materials, exceptionally wear-resistant and long-lasting, the Cangini sorting grapple is constructed in hardwearing steel. Thanks to its great clamping force and high operational agility, the sorting grapple is especially designed for recycling centres, to sort and handle aggregates, iron or waste materials.

Versatile, it is particularly useful on those sites that need to handle a variety of materials in short times. This sorting grapple can be fitted with a large assortment of accessories: side closing, with or without teeth, which increases its load capacity for a more effective grip on stones and timber, teeth for a precise gripping of bulk material, rubber bumpers for safe handling of concrete curbs.

Thanks to its particularly rugged structure, it can also safely and reliably tackle light-duty demolition jobs.

SORTING GRAPPLE AND ADAPTER PLATE

\ HIGH-PERFORMING

Bidirectional hydraulic rotation featured on all models: with hydraulic rotor on 100PF and 150PF models; with slewing on 200PF, 250PF, 300PF

100PF-150PF

Hydraulic rotation with hydraulic rotator

200PF-250PF-300PF

Hydraulic rotation with slewing ring

\ RESISTANCE



High resistance is guaranteed thanks to the use of high-strength steels for the construction of parts most exposed to wear. Pins, in 39NiCrMo3 steel, undergo thermal hardening (60 HRC), while bushings are cemented.

\ LONG WORKING LIFE

The flanged relief valve protects the engine against the pressure peaks, and it is a standard feature on all models.

EXCAVATORS / **SORTING GRAPPLE**




	Machine compatibility	Designation	Weight	Hydraulic flow Cylinders/Rotation	Pressure Cylinders/Rotation
 	SV17, SV17e, ViO17, SV19	Sorting grapple 100PF with hydraulic rotation	98 kg	25/30 l/min	180/250 bar
		Adapter plate type ACB MORIN (M0) for 100 PF	-	-	-
		Adapter plate type S-System S30-180 for 100 PF	-	-	-
		Adapter plate type SW01 for 100 PF	-	-	-
		Adapter plate type CR15 for 100 PF	-	-	-
		Adapter plate type U Q30 for 100 PF	-	-	-
	SV22, ViO23, SV26, ViO26, ViO27	Sorting grapple 150PF with hydraulic rotation	143 kg	25/30 l/min	220/250 bar
		Adapter plate type ACB MORIN (M1) for 150 PF	-	-	-
		Adapter plate type SW03 for 150 PF	-	-	-
		Adapter plate type CR30 for 150 PF	-	-	-
		Adapter plate type U Q35 for 150 PF*	-	-	-
		Adapter plate type S-System S30-180 for 150 PF*	-	-	-
		Adapter plate type U Q38 for 150 PF**	-	-	-
		Adapter plate type S-System S40-200 for 150 PF**	-	-	-
	ViO33, ViO38	Sorting grapple for 200 PF with hydraulic rotation	203 kg	25/60 l/min	245/250 bar
		Adapter plate type ACB MORIN (M1) pour type 200 PF	-	-	-
		Adapter plate type S-System S40-200 for 200 PF	-	-	-
		Adapter plate type SW01 pour type 200 PF	-	-	-
		Adapter plate type CR40 for 200 PF	-	-	-
		Adapter plate type U Q38 pour type 200 PF	-	-	-

*Only for SV22 & ViO23.

**Only for SV26, ViO26 & ViO27.

EXCAVATORS / **SORTING GRAPPLE**



	Machine	Designation	Weight	Hydraulic flow Cylinders/Rotation	Pressure Cylinders/Rotation
 	ViO50 to SV60	Sorting grapple 250PF with hydraulic rotation	310 kg	60/60 l/min	275/250 bar
		Adapter plate type ACB MORIN (M2) pour type 250 PF	-	-	-
		Adapter plate type S-System S40 pour type 250 PF	-	-	-
		Adapter plate type SW03 pour type 250 PF	-	-	-
		Adapter plate type CR50 pour type 250 PF	-	-	-
		Adapter plate type U Q45 pour type 250 PF	-	-	-
	ViO80, ViO82, B7S, SV100, SV120, B75W, B95W, B110W	Sorting grapple 300 PF with hydraulic rotation	381 kg	60l/min	350 bar
		Adapter plate ACB MORIN M3 for 300 PF	-	-	-
		Adapter plate ACB MORIN M4 for 300 PF	-	-	-
		Adapter plate LEHNHOFF (SW8) for 300 PF	-	-	-
		Adapter plate CR-System (CR70) for 300 PF	-	-	-
		Adapter plate S-System S45 for 300 PF	-	-	-
		Adapter plate S-System S50 for 300 PF	-	-	-
		Adapter plate U-System QC50 for 300 PF	-	-	-

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FORK **FORK CARRIER**

\\ 1240 MM WIDE, ISO FEM 2

- + Stacking device for Yanmar V7, V7-HW, V70S & V80.
- + Fork carriage FEMII - without forks - quick-hitch attachment Volvo L30.
- + Max. load capacity 2500 kg - Load centre 500mm.



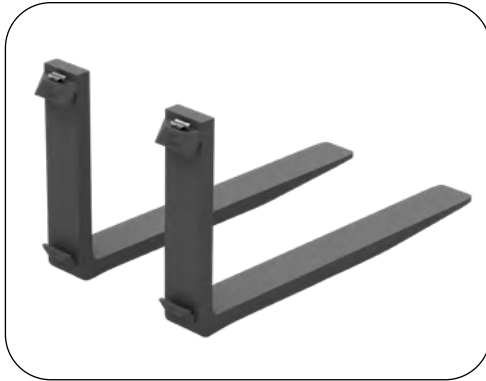
\\ 1240 MM WIDE, ISO FEM 3

- + Stacking device for Yanmar V100 & V120.
- + FEMIII fork carriage width 1240mm - without forks - Volvo L30 quick-hitch attachment.
- + Max. load capacity 4000 kg - Load centre 500mm.



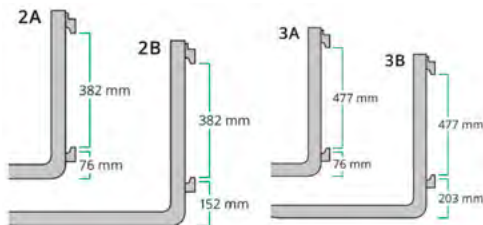
Machine compatibility	Sales code	Designation	Weight
V7	V7-FORK-CARRIER-CWL	Fork carrier, 1240 mm wide, ISO/FEM 2B (2328, class 2, form B) - Yanmar P-cinematic	90 kg
V7-HW	V7-FORK-CARRIER-CWL	Fork carrier, 1240 mm wide, ISO/FEM 2B (2328, class 2, form B) - Yanmar P-cinematic	90 kg
V8e	V8e-FORK-CARRIER-CWL	Fork carrier, 1240 mm wide, ISO FEM 2B (2328, class 2, form B) - Yanmar P-cinematic	90 kg
V70S	V70S-FORK-CARRIER-CWL	Fork carrier, 1240 mm wide, ISO/FEM 2B (2328, class 2, form B) - Yanmar P-cinematic	75 kg
V80	V80-FORK-CARRIER-CWL	Fork carrier, 1240 mm wide, ISO/FEM 2B (2328, class 2, form B) - Yanmar P-cinematic	90 kg
V100	V100-FORK-CARRIER-CWL	Fork carrier, 1240 mm wide, ISO/FEM 3B (2328, class 3, form B) - Yanmar P-cinematic	155 kg
V120	V120-FORK-CARRIER-CWL	Fork carrier, 1240 mm wide, ISO/FEM 3B (2328, class 3, form B) - Yanmar P-cinematic	155 kg

WHEEL LOADER / **FORK**



FORKS

Fabricated from high strength steel, our wheel loader forks are available in a choice of lengths. This enables the operator to choose the best attachment for each situation.



WHEEL LOADER /

FORK



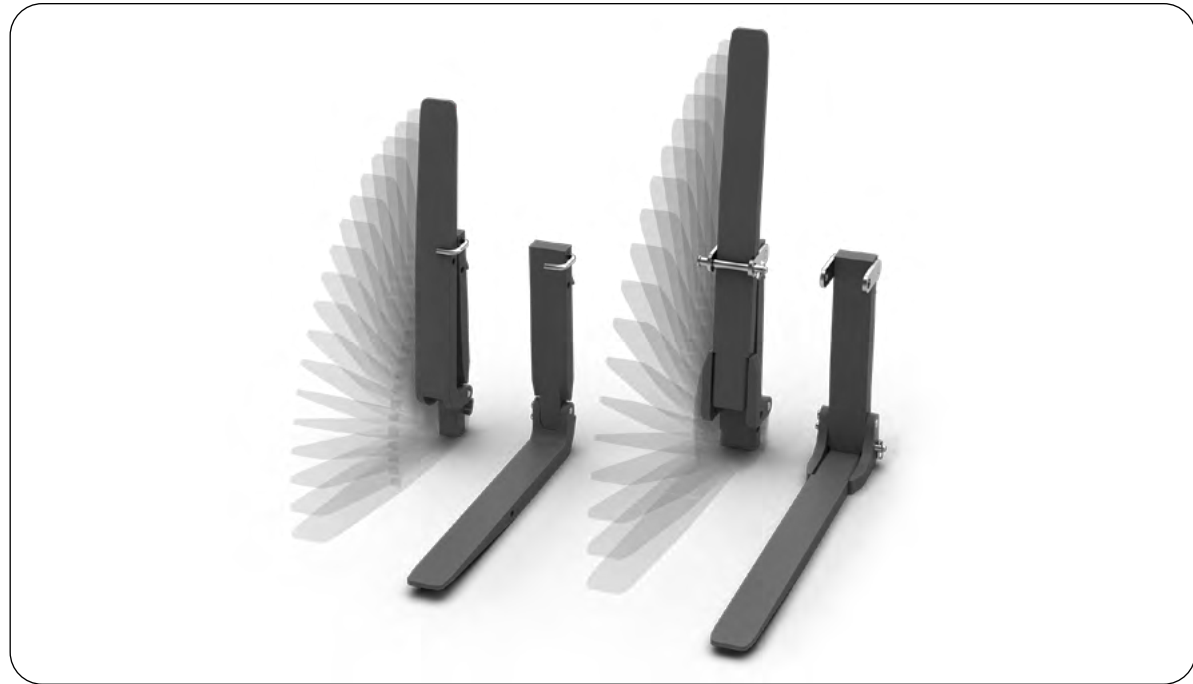
FORKS



Machine compatibility	Designation	Capacity	Load center	Weight
V7, V7-HW	Forks, 1100 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	500 mm	59 kg
	Forks, 1200 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	600 mm	61 kg
	Forks, 1500 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	600 mm	71 kg
V8e	Forks, 1100 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	500 mm	59 kg
	Forks, 1200 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	600 mm	61 kg
	Forks, 1500 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	600 mm	71 kg
V70S	Forks, 1100 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	500 mm	59 kg
	Forks, 1200 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	600 mm	61 kg
V80	Forks, 1100 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	500 mm	59 kg
	Forks, 1200 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	600 mm	61 kg
	Forks, 1500 mm long, 100 x 45 mm, ISO FEM 2B	2500 kg	600 mm	71 kg
V100	Forks, 1100 mm long, 140 x 50 mm, ISO FEM 3B	3500 kg	500 mm	99 kg
	Forks, 1200 mm long, 140 x 50 mm, ISO FEM 3B	5000 kg	500 mm	103 kg
V120	Forks, 1100 mm long, 140 x 50 mm, ISO FEM 3B	3500 kg	500 mm	99 kg
	Forks, 1200 mm long, 140 x 50 mm, ISO FEM 3B	5000 kg	500 mm	103 kg

FOLDABLE FORKS

Thanks to a foldable design, these forks are easy to store, easy to maneuver and perfect for use in tight spaces.



	Machine compatibility	Designation	Capacity	Load center	Weight
	V70S	Forks, 1100 mm long, 100 x 50/40 mm, foldable, ISO FEM 2B	2000 kg	500 mm	63 kg
	V7, V7-HW	Forks, 1100 mm long, 100 x 50/40 mm, foldable, ISO FEM 2B	2000 kg	500 mm	63 kg
		Forks, 1200 mm long, 120 x 50/40 mm, foldable, ISO FEM 2B	2500 kg	500 mm	78 kg
	V8e	Forks, 1100 mm long, 100 x 50/40 mm, foldable, ISO FEM 2B	2000 kg	500 mm	63 kg
		Forks, 1200 mm long, 120 x 50/40 mm, foldable, ISO FEM 2B	2500 kg	500 mm	78 kg
	V80	Forks, 1100 mm long, 100 x 50/40 mm, foldable, ISO FEM 2B	2000 kg	500 mm	63 kg
		Forks, 1200 mm long, 120 x 50/40 mm, foldable, ISO FEM 2B	2500 kg	500 mm	78 kg
	V100	Forks, 1100 mm long, 130 x 60/45 mm, foldable, ISO FEM 3B	3500 kg	500 mm	102 kg
	V120	Forks, 1100 mm long, 130 x 60/45 mm, foldable, ISO FEM 3B	3500 kg	500 mm	102 kg

WHEEL LOADER/ **BUCKET**



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BUCKET

YANMAR offers a wide range of buckets developed and designed for its wheel loaders.

This will give you great versatility on your worksites for clearing, levelling surfaces after earthworks, backfilling trenches or loading lorries.




LOADING BUCKET

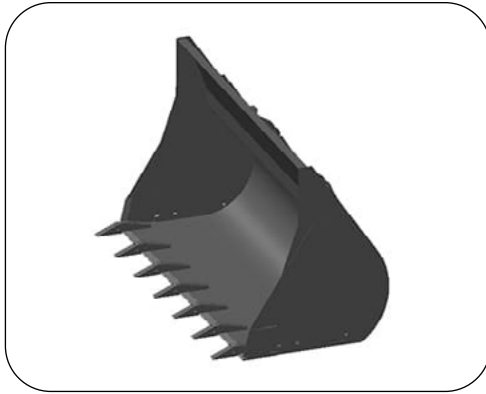


LOADING BUCKET

Our rugged loading buckets come in a choice of capacities and are capable of handling and loading a wide variety of materials.

	Machine compatibility	Designation	Weight	Volume	Width
	V7	Loading bucket with teeth, tooth protection, specific weight 1.8 t/m ³	300 kg	700 l	1850 mm
		Loading bucket with bolt-on cutting edge, specific weight 1.8 t/m ³	310 kg	700 l	1850 mm
	V7-HW	Loading bucket with teeth, tooth protection, specific weight 1.8 t/m ³	303 kg	800 l	1850 mm
		Loading bucket with bolt-on cutting edge, specific weight 1.8 t/m ³	313 kg	800 l	1850 mm
	V8e	Loading bucket with teeth, tooth protection, specific weight 1.8 t/m ³	303 kg	800 l	1850 mm
		Loading bucket with bolt-on cutting edge, specific weight 1.8 t/m ³	313 kg	800 l	1850 mm
	V70S	Loading bucket with teeth, tooth protection, specific weight 1.8 t/m ³	238 kg	700 l	1850 mm
		Loading bucket with bolt-on cutting edge, specific weight 1.8 t/m ³	245 kg	700 l	1850 mm
	V80	Loading bucket with teeth, tooth protection, specific weight 1.8 t/m ³	303 kg	800 l	1850 mm
		Loading bucket with bolt-on cutting edge, specific weight 1.8 t/m ³	313 kg	800 l	1850 mm
	V100	Loading bucket with teeth, tooth protection, specific weight 1.8 t/m ³	360 kg	1000 l	1950 mm
		Loading bucket with bolt-on cutting edge, specific weight 1.8 t/m ³	380 kg	1000 l	1950 mm
	V120	Loading bucket with teeth, tooth protection, specific weight 1.8 t/m ³	400 kg	1200 l	2100 mm
		Loading bucket with bolt-on cutting edge, specific weight 1.8 t/m ³	437 kg	1200 l	2100 mm

WHEEL LOADER / **BUCKET**



EARTH BUCKET

Designed to deliver in even the toughest environments, our extra-durable earth bucket comes in a choice of capacities – perfect for handling earth and other materials.




WHEEL LOADER /

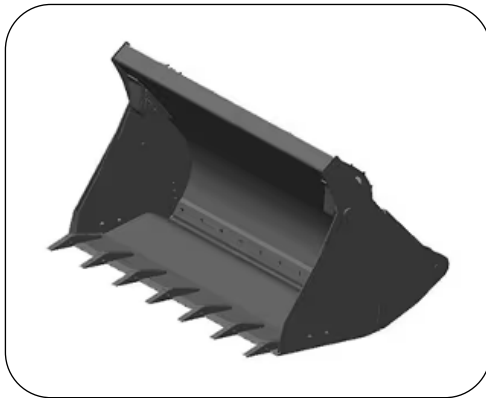
BUCKET



EARTH BUCKET

	Machine compatibility	Designation	Weight	Volume	Width
	V70S	Earth bucket with teeth, tooth protection, specific weight 1.6 t/m ³	249 kg	800 l	1850 mm
		Earth bucket with bolt-on cutting edge, specific weight 1.6 t/m ³	256 kg	800 l	1850 mm
	V80	Earth bucket with teeth, tooth protection, specific weight 1.6 t/m ³	322 kg	900 l	1850 mm
		Earth bucket with bolt-on cutting edge, specific weight 1.6 t/m ³	330 kg	900 l	1850 mm
	V100	Earth bucket with teeth, tooth protection, specific weight 1.6 t/m ³	392 kg	1100 l	1950 mm
		Earth bucket with bolt-on cutting edge, specific weight 1.6 t/m ³	400 kg	1100 l	1950 mm
	V120	Earth bucket with bolt-on cutting edge, specific weight 1.6 t/m ³ (1.2 t/m ³ with long arm)	410 kg	1350 l	2100 mm
		Earth bucket with bolt-on cutting edge, specific weight 1.6 t/m ³ (1.2 t/m ³ with long arm)	450 kg	1350 l	2100 mm

WHEEL LOADER / **BUCKET**



MULTI-PURPOSE BUCKET

Whether loading, grappling, levelling or dozing, our versatile multi-purpose (or 4 in 1) buckets are available in a choice of capacities.



WHEEL LOADER /

BUCKET



MULTI-PURPOSE BUCKET



Machine compatibility	Designation	Weight	Volume	Width
V7	Multi-purpose bucket with teeth, tooth protection, specific weight 1.5 t/m ³	475 kg	700 l	1850 mm
	Multi-purpose bucket with bolt-on cutting edge, specific weight 1.5 t/m ³	490 kg	700 l	1850 mm
V7-HW	Multi-purpose bucket with teeth, tooth protection, specific weight 1.5 t/m ³	560 kg	800 l	1850 mm
	Multi-purpose bucket with bolt-on cutting edge, specific weight 1.5 t/m ³	545 kg	800 l	1850 mm
V8e	Multi-purpose bucket with teeth, tooth protection, specific weight 1.5 t/m ³	560 kg	800 l	1850
	Multi-purpose bucket with bolt-on cutting edge, specific weight 1.5 t/m ³	545 kg	800 l	1850
V70S	Multi-purpose bucket with teeth, tooth protection, specific weight 1.6 t/m ³	480 kg	650 l	1850 mm
	Multi-purpose bucket with bolt-on cutting edge, specific weight 1.6 t/m ³	500 kg	650 l	1850 mm
V80	Multi-purpose bucket with teeth, tooth protection, specific weight 1.6 t/m ³	480 kg	750 l	1850 mm
	Multi-purpose bucket with bolt-on cutting edge, specific weight 1.6 t/m ³	500 kg	750 l	1850 mm
V100	Multi-purpose bucket with teeth, tooth protection, specific weight 1.6 t/m ³	620 kg	900 l	1950 mm
	Multi-purpose bucket with load hook, teeth, tooth protection, specific weight 1.6 t/m ³	630 kg	900 l	1950 mm
	Multi-purpose bucket with bolt-on cutting edge, specific weight 1.6 t/m ³	620 kg	900 l	1950 mm
V120	Multi-purpose bucket with teeth, tooth protection, specific weight 1.6 t/m ³	690 kg	1050 l	2100 mm
	Multi-purpose bucket with bolt-on cutting edge, specific weight 1.6 t/m ³	650 kg	1050 l	2100 mm



HIGH-TIP BUCKET

Designed for loading onto trucks with high walls, our high tip buckets allow for an elevated dumping height – perfect for agricultural and construction use.



	Machine compatibility	Designation	Weight	Volume	Width
	V70S	High-tip bucket, without teeth, specific weight 1.2 t/m ³	300 kg	650 l	1850 mm
	V7	High-tip bucket, without teeth, specific weight 1.2 t/m ³	380 kg	600 l	1850 mm
	V7-HW	High-tip bucket, without teeth, specific weight 1.2 t/m ³	380 kg	700 l	1850 mm
	V8e	High-tip bucket, without teeth, specific weight 1.2 t/m ³	380 kg	700 l	1850 mm
	V80	High-tip bucket, without teeth, specific weight 1.2 t/m ³	380 kg	700 l	1850 mm
	V100	High-tip bucket, without teeth, specific weight 1.2 t/m ³	450 kg	1000 l	2050 mm
	V120	High-tip bucket, without teeth, specific weight 1.2 t/m ³	450 kg	1240 l	2100 mm





SIDE-DUMP BUCKET

Hydraulic cylinders and a robust design make our side dump buckets the best choice for filling in trenches on construction sites.



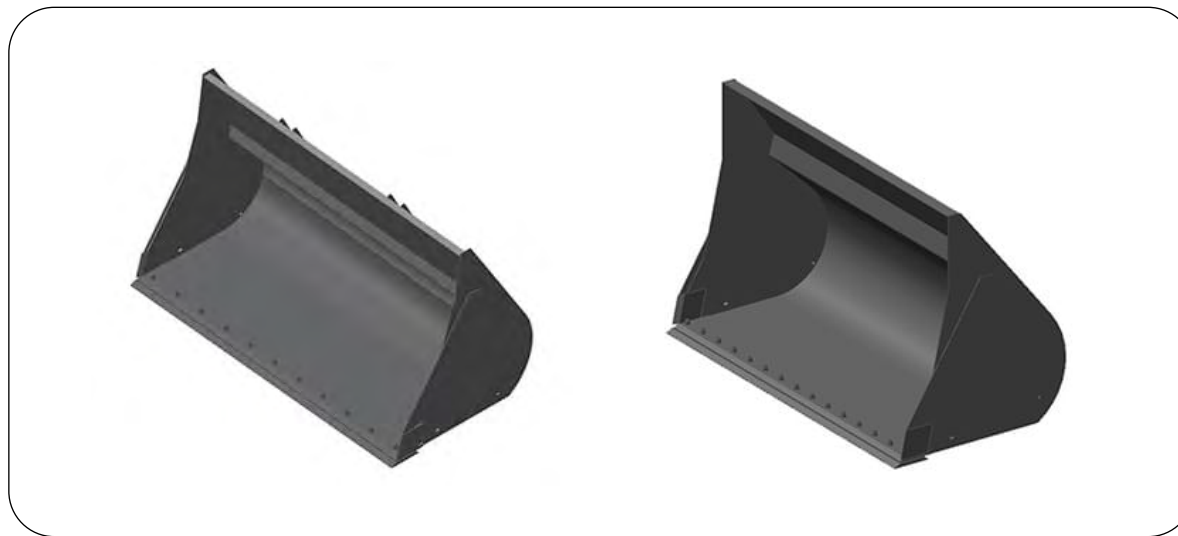
Machine compatibility	Designation	Weight	Volume	Width
V7	Side-dump bucket, without teeth, specific weight 1.8 t/m ³	390 kg	600 l	1850 mm
V7-HW	Side-dump bucket, without teeth, specific weight 1.8 t/m ³	390 kg	700 l	1850 mm
V8e	Side-dump bucket, without teeth, specific weight 1.8 t/m ³	390 kg	700 l	1850 mm
V80	Side-dump bucket, without teeth, specific weight 1.8 t/m ³	390 kg	700 l	1850 mm
V100	Side-dump bucket, without teeth, specific weight 1.8 t/m ³	625 kg	850 l	2050 mm
V120	Side-dump bucket, without teeth, specific weight 1.8 t/m ³	625 kg	850 l	2050 mm



LIGHT & SUPER LIGHT MATERIAL BUCKET

Made for handling lighter loads, the lightweight design and high capacity of our light material buckets deliver significant time and cost savings.

Our super light material buckets deliver the highest capacity of all and therefore the fastest operation.

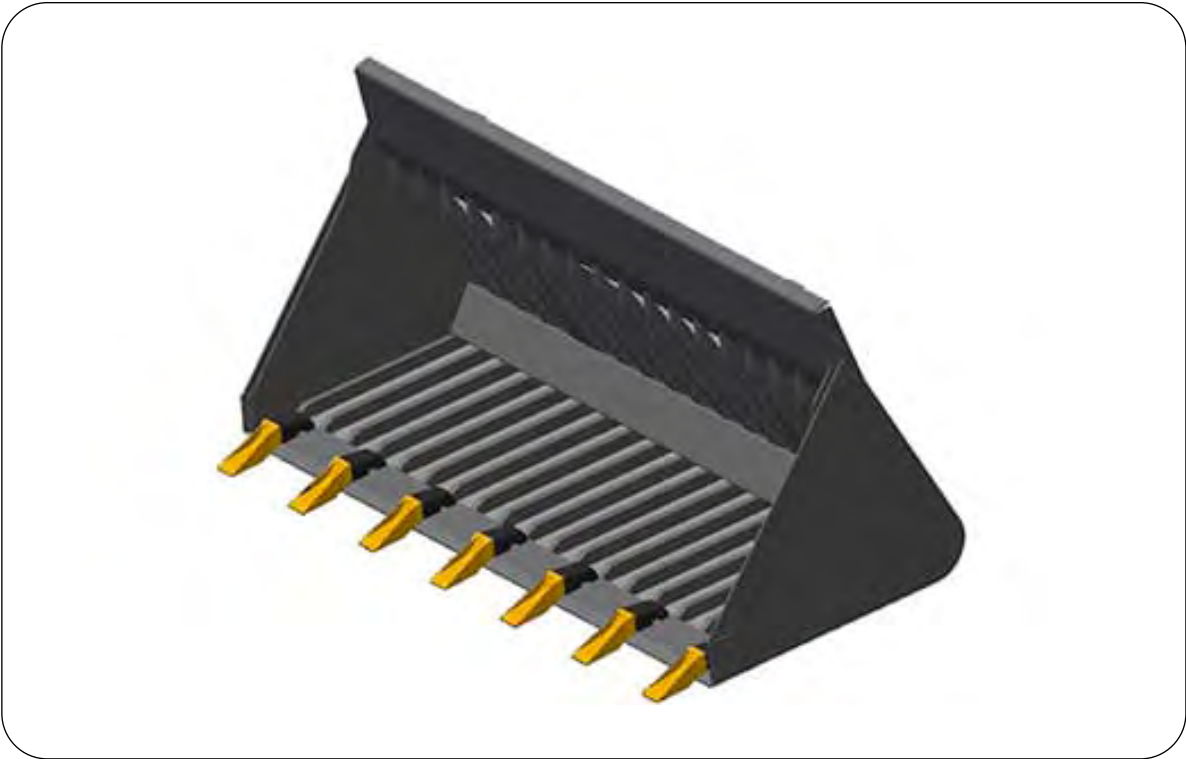


Machine compatibility	Designation	Weight	Volume	Width
V7	Light-material bucket with bolt-on cutting edge, specific weight 1.4 t/m ³	340 kg	1000 l	1850 mm
V7-HW	Light-material bucket with bolt-on cutting edge, specific weight 1.4 t/m ³	340 kg	1000 l	1850 mm
	Light-material bucket with bolt-on cutting edge, specific weight 1.1 t/m ³	350 kg	1200 l	1950 mm
V8e	Light-material bucket with bolt-on cutting edge, specific weight 1.4 t/m ³	340 kg	1000 l	1850 mm
	Light-material bucket with bolt-on cutting edge, specific weight 1.1 t/m ³	350 kg	1200 l	1950 mm
V70S	Light-material bucket with bolt-on cutting edge, specific weight 1.2 t/m ³	270 kg	1000 l	1850 mm
V80	Super light-material bucket with bolt-on cutting edge, specific weight 0.8 t/m ³	350 kg	1200 l	1950 mm
V100	Light-material bucket with bolt-on cutting edge, specific weight 1.2 t/m ³	480 kg	1350 l	1950 mm
	Super light-material bucket with bolt-on cutting edge, specific weight 0.8 t/m ³	520 kg	1550 l	2100 mm
V120	Light-material bucket with bolt-on cutting edge, specific weight 1.2 t/m ³	520 kg	1550 l	2100 mm
	Super light-material bucket with bolt-on cutting edge, specific weight 0.8 t/m ³	566 kg	1800 l	2200 mm



QUARRY BUCKET

Hard steel and a reinforced design make our quarry buckets the perfect attachment for handling heavy and rugged materials.



Machine compatibility	Designation	Weight	Volume	Width
V70S	Stone/quarry bucket, distance between tines 80 mm, specific weight 1.8 t/m³	270 kg	550 l	1850 mm
V7	Stone/quarry bucket, distance between tines 80 mm, specific weight 1.8 t/m³	350 kg	600 l	1850 mm
V7-HW	Stone/quarry bucket, distance between tines 80 mm, specific weight 1.8 t/m³	350 kg	700 l	1850 mm
V8e	Stone/quarry bucket, distance between tines 80 mm, specific weight 1.8 t/m³	350 kg	700 l	1850 mm
V80	Stone/quarry bucket, distance between tines 80 mm, specific weight 1.8 t/m³	350 kg	700 l	1850 mm
V100	Stone/quarry bucket, distance between tines 80 mm, specific weight 1.8 t/m³	420 kg	900 l	2050 mm



LOADING BUCKET WITH GRAPPLE

The Bucket with grapple is designed for light, big volumed loading goods (wood brush, cutted grass, etc.).



Machine compatibility	Designation	Weight	Volume	Width
V7	Loading bucket with grapple and bolt-on cutting edge, up to specific weight 1.2 t/m³	370 kg	700 l	1850 mm
V7 -HW	Loading bucket with grapple and bolt-on cutting edge, up to specific weight 1.2 t/m³	540 kg	950 l	2000 mm
V8e	Loading bucket with grapple and bolt-on cutting edge, up to specific weight 1.2 t/m³	540 kg	950 l	2000 mm
V100	Loading bucket with grapple and bolt-on cutting edge, up to specific weight 1.2 t/m³	760 kg	1050 l	2050 mm
V120	Loading bucket with grapple and bolt-on cutting edge, up to specific weight 1.2 t/m³	655 kg	1200 l	2100 mm



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