



YANMAR

Hydraulic Breaker

For EXCAVATORS



YANMAR CONSTRUCTION EQUIPMENT CO., LTD.

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<https://yanmar.com>

For more information on availability or fitment, contact below.

All data subject to change without notice.

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Tie-up Product

***Overwhelming
Crushing Power!!***

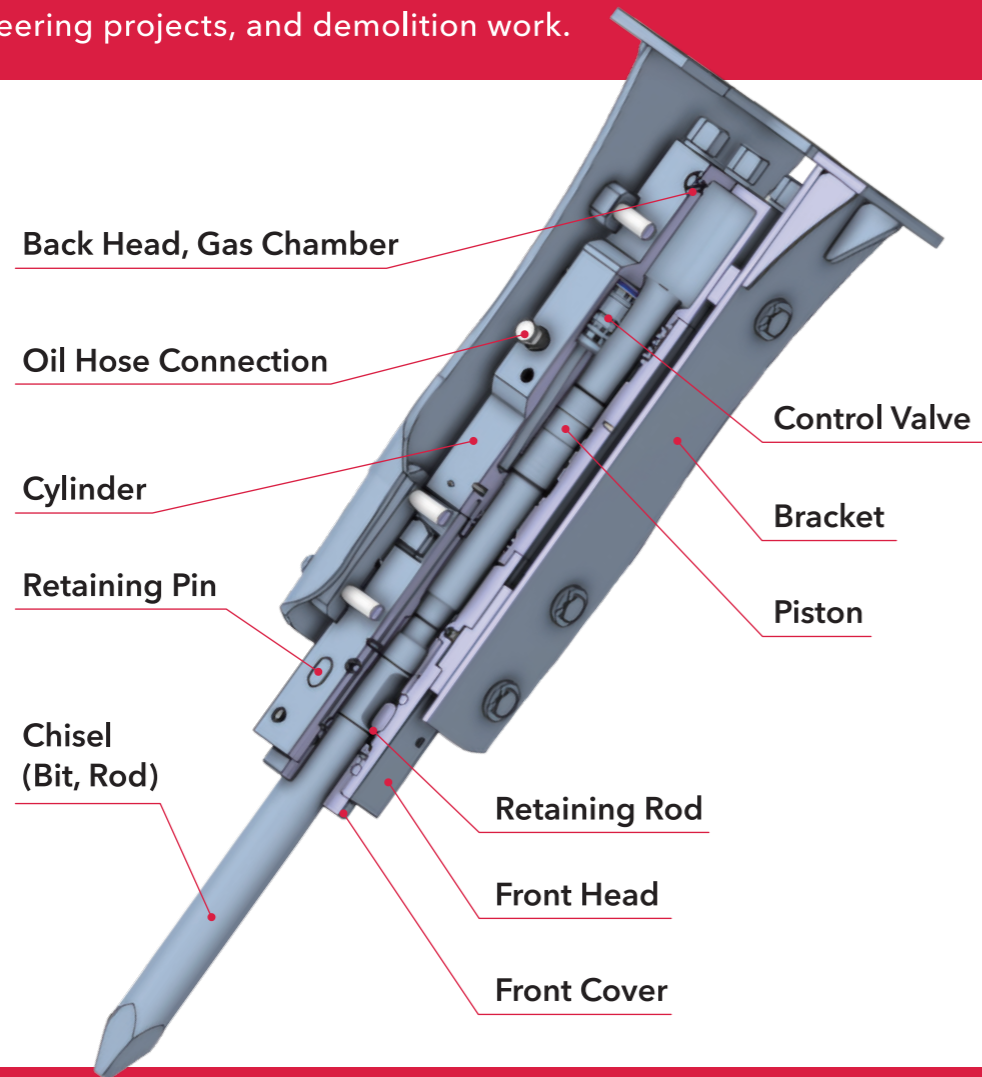


BUILDING WITH YOU

Hydraulic Breaker

Product

The hydraulic breaker, installed at the end of an excavator arm, delivers powerful impact force through hydraulic pressure supplied by the carrier. It is widely utilized across various job sites such as : roadworks, foundation construction, quarry and tunnel operations, civil engineering projects, and demolition work.



Technology

- Hybrid (efficient gas and oil) percussion system increases impact power
- Compact and efficient design ensuring highest power to weight ratio
- Patented built-in valve system and accumulator-free design
- Two moving parts (piston and valve) and minimal components lowers maintenance cost
- Maximum hydraulic efficiency which generates less heat
- Various types of light, simple and silent bracket design

Removal and Attachment

Quick coupler makes it easier and quicker than ever to change buckets and other attachments. It saves time, so operator can focus on the job in hand.

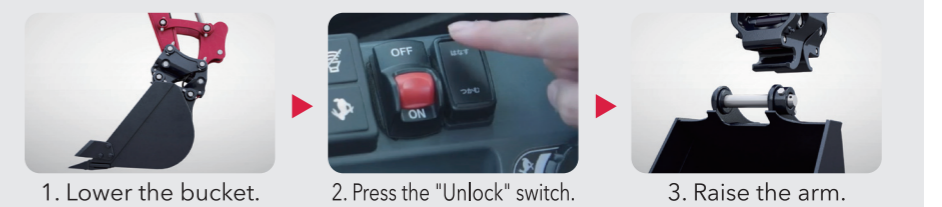
Double Lock Quick Coupler (ISO13031 Complied)

YANMAR ORIGINAL



ONLY 3 STEPS

Disconnecting








Connecting



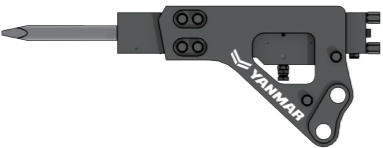

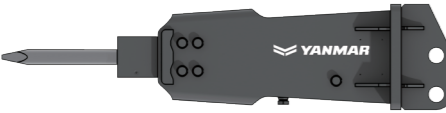

Chisel (Bit, Rod)

Using selected raw materials and advanced heat treatment, we deliver durable chisels ideal for road construction, quarrying, and mining.

Chisel	Application
Moil point type 	Standard chisel for multi-purpose, general use
Point type 	General demolition work : Masonry, concrete, etc.
H-Wedge type 	Cross cutting work : Trenching, asphalt, concrete, etc.
V-Wedge type 	Straight cutting work : Trenching, asphalt, concrete, etc.
Flat type 	Impact breaking : Primary and secondary rock breaking, etc.

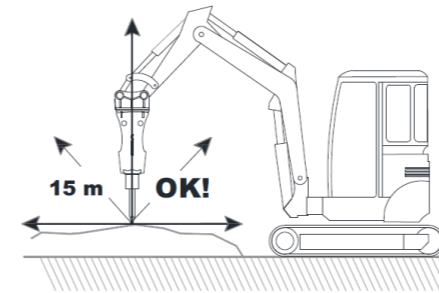
Line Up

There are four models available, each designed to suit specific job sites and working conditions.

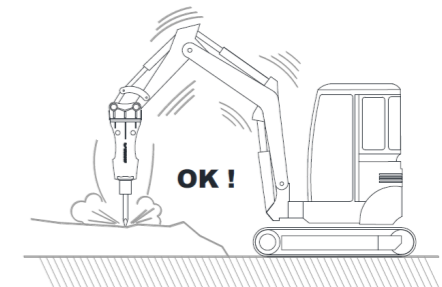
	Side Type
	Pin Mounted Type
	Cap Mounted Type
	TS-P Type <i>*Low-noise specification</i>

Important Notes

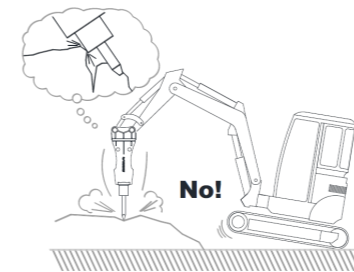
① Ensure no one is within 15 meters of the hydraulic breaker before operating.



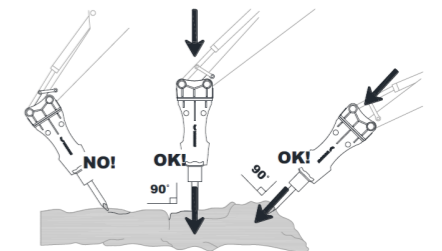
② Incorrect positioning reduces the piston's impact energy, causing damage to the breaker and machine parts.



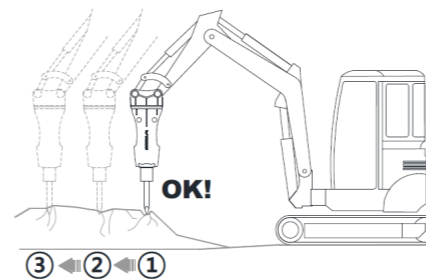
③ If the front of the excavator is raised too much, the machine may suddenly tilt forward when breaking an object, causing damage and discomfort for the operator.



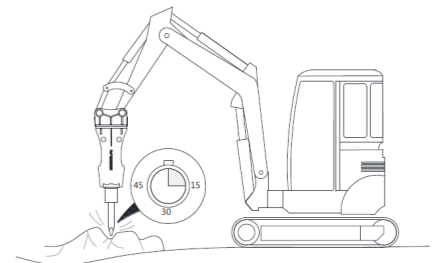
④ Keep the boom force aligned with the Chisel and the Chisel perpendicular to the surface. Choose a stable point to break, fully stabilize the Chisel, then start the breaker.



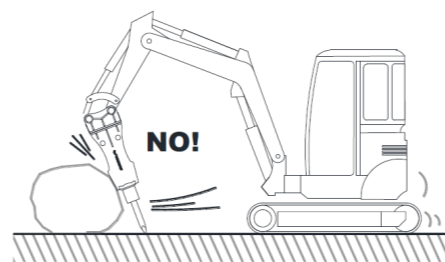
⑤ Start hammering from near the edge of objects toward the middle. Do not start hammering in the middle of large objects.



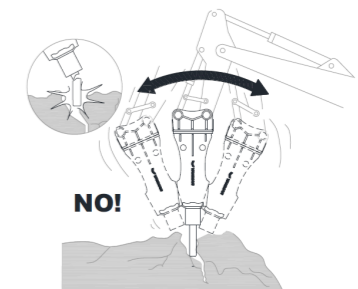
⑥ Do not hammer the hydraulic breaker for more than 15 seconds on the same point. Move to the other hammering point if the rock does not break.



⑦ Do not use the breaker to move the rock.

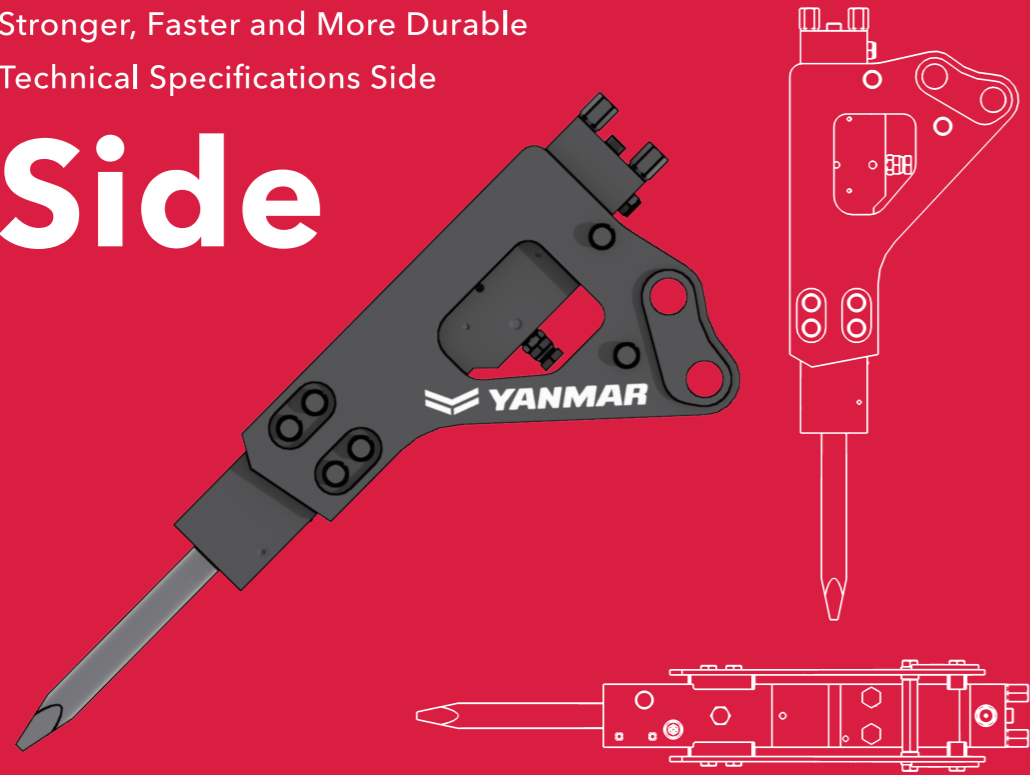


⑧ Do not use the Chisel as a lever, insert it into cracks, or dig with it. These actions can break the Chisel or damage the housing.



Stronger, Faster and More Durable
Technical Specifications Side

Side



- Superb performance with high impact power, durability and reliability
- Less heat generation with SB percussion mechanism

Minimize maintenance costs, Maximize profits
Technical Specifications Pin Mounted

Pin Mounted



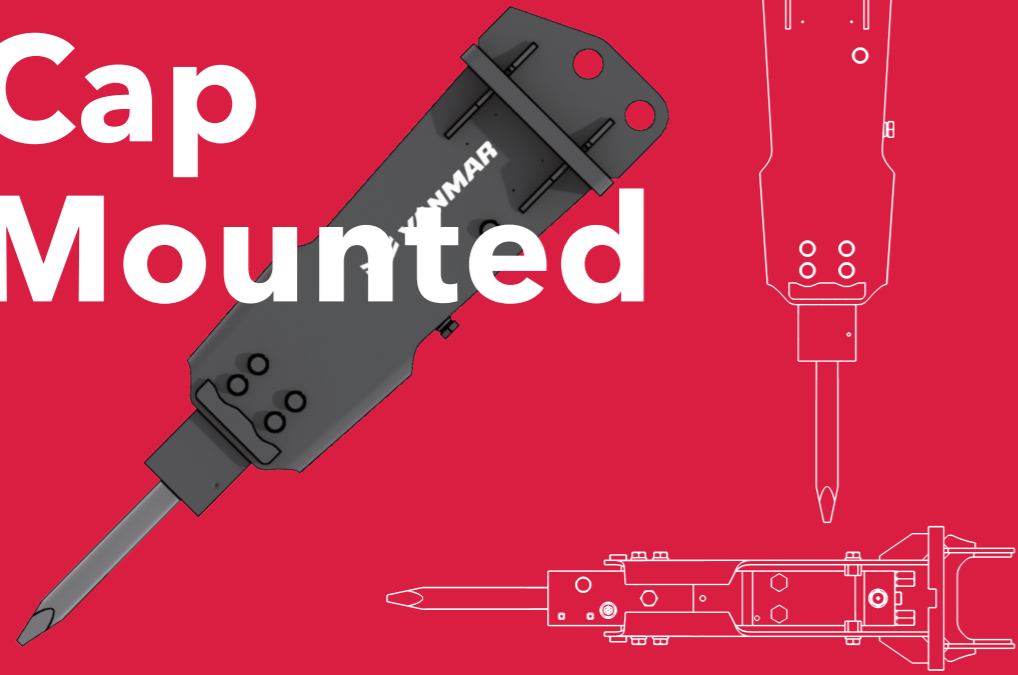
- Pin-mounted, light weight & compact designed side plates
- Superb performance with high impact power, durability and reliability
- Less heat generation with SB percussion mechanism

Recommended Model	SV08/ViO10/ ViO12	ViO17/ViO20	ViO25/ViO30	ViO35	SV40/ViO45/ ViO50/ViO55	ViO80/ViO82	ViO82/SV86/ SV100	SV100
Breaker Model								
	SB10E	SB20E	SB30E	SB35E	SB40E	SB43E	SB45E	SB50E
Operating Weight (kg [lbs])	70(154)	90(198)	120(265)	180(397)	250(551)	380(838)	510(1,124)	765(1,687)
Overall Length (mm [inch])	972(38.3)	1,071(42.2)	1,147(45.2)	1,239(48.8)	1,349(53.1)	1,618(63.7)	1,827(71.9)	1,934(76.1)
Required Oil Flow (l/min [g/min])	15~30 (4.0~8.0)	20~40 (5.3~10.6)	25~50 (6.6~13.2)	30~60 (7.9~16.0)	40~70 (10.6~18.5)	50~90 (13.2~23.8)	60~100 (15.9~26.4)	80~110 (21.1~29.1)
Operating Pressure (kgf/cm ² [PSI])	90~120 (1,280~1,707)	90~120 (1,280~1,707)	90~120 (1,280~1,707)	100~130 (1,422~1,849)	110~140 (1,560~1,991)	120~150 (1,707~2,134)	130~160 (1,849~2,276)	150~170 (2,134~2,418)
Impact Rate (bpm)	800~1,400	700~1,200	600~1,100	500~1,000	500~900	400~800	400~800	350~700
Tool Diameter (mm [inch])	40(1.6)	45(1.8)	53(2.1)	60(2.4)	68(2.7)	75(3.0)	85(3.3)	100(3.9)

Recommended Model	SV08/ViO10/ ViO12	ViO17/ViO20	ViO25/ViO30	ViO35	SV40/ViO45/ ViO50/ViO55	ViO80/ViO82	ViO82/SV86/ SV100	SV100
Breaker Model								
	SB10E	SB20E	SB30E	SB35E	SB40E	SB43E	SB45E	SB50E
Operating Weight (kg [lbs])	73(161)	100(220)	120(265)	189(417)	234(516)	375(827)	496(1,093)	743(1,638)
Overall Length (mm [inch])	1,072(42)	1,190(44)	1,287 (50.7~51.7)	1,382(54.4)	1,616(63.6)	1,849(72.8)	2,024(79.7)	2,150(84.6)
Required Oil Flow (l/min [g/min])	15~30 (4.0~8.0)	20~40 (5.3~10.6)	25~50 (6.6~13.2)	30~60 (7.9~16.0)	40~70 (10.6~18.5)	50~90 (13.2~23.8)	60~100 (15.9~26.4)	80~110 (21.1~29.1)
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Impact Rate (bpm)	800~1,400	700~1,200	600~1,100	500~1,000	500~900	400~800	400~800	350~700
Tool Diameter (mm [inch])	40(1.6)	45(1.8)	53(2.1)	60(2.4)	68(2.7)	75(3.0)	85(3.3)	100(3.9)

Minimize maintenance costs, Maximize profits
 Technical Specifications Cap Mounted

Cap Mounted

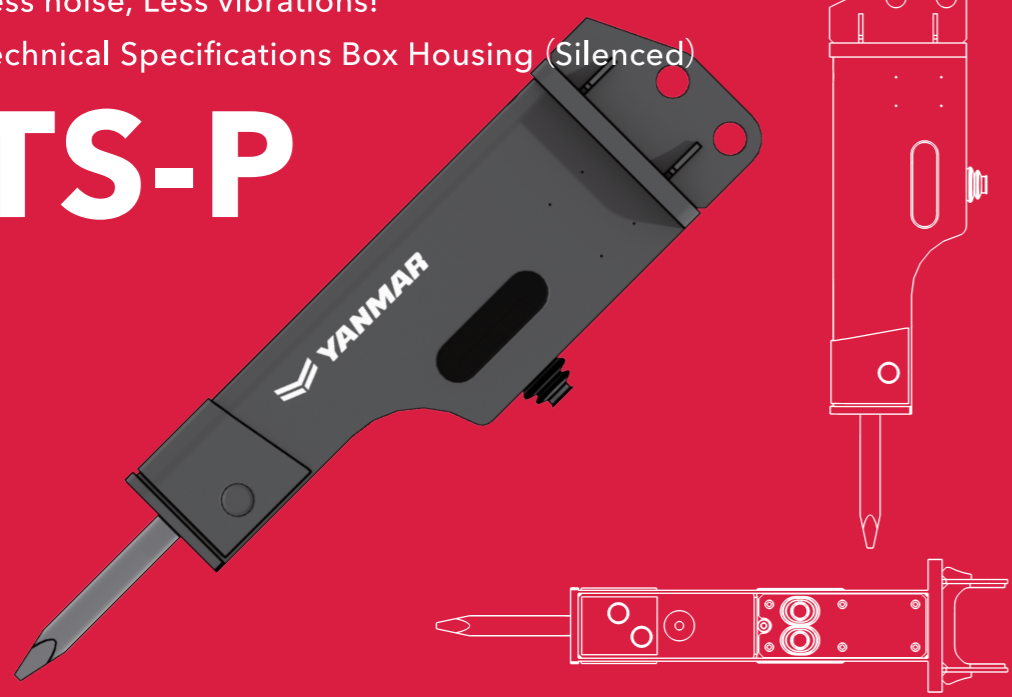


- Cap-mounted light weight & compact designed side plates
- Superb performance with high impact power, durability and reliability
- Less heat generation with SB percussion mechanism

Recommended Model	SV08/ViO10/ ViO12	ViO17/ViO20	ViO25/ViO30	ViO35	SV40/ViO45/ ViO50/ViO55	ViO80/ViO82	SV86/SV100
Breaker Model							
	SB10E	SB20E	SB30E	SB35E	SB40E	SB43E	SB45E
Operating Weight (kg [lbs])	90(198)	110(244)	135(298)	204(450)	292(644)	380(838)	580(1,279)
Overall Length (mm [inch])	1,150(45.3)	1,254(49.4)	1313 (50.7~51.7)	1,452(57.2)	1,602(63.1)	1,869(73.6)	2,225(87.6)
Required Oil Flow (l/min [g/min])	15~30 (4.0~8.0)	20~40 (5.3~10.6)	25~50 (6.6~13.2)	30~60 (7.9~16.0)	40~70 (10.6~18.5)	50~90 (13.2~23.8)	60~100 (15.9~26.4)
Operating Pressure (kgf/cm ² [PSI])	90~120 (1,280~1,707)	90~120 (1,280~1,707)	90~120 (1,280~1,707)	100~130 (1,422~1,849)	110~140 (1,560~1,991)	120~150 (1,707~2,134)	130~160 (1,849~2,276)
Impact Rate (bpm)	800~1,400	700~1,200	600~1,100	500~1,000	500~900	400~800	400~800
Tool Diameter (mm [inch])	40(1.6)	45(1.8)	53(2.1)	60(2.4)	68(2.7)	75(3.0)	85(3.3)

Less noise, Less vibrations!
 Technical Specifications Box Housing (Silenced)

TS-P



- Fully enclosed housing with robust structure
- Service friendly design and less maintenance costs
- Vibration damping system
- Operator-friendly with low vibration

Recommended Model	SV08/ViO10/ ViO12	ViO17/ViO20	ViO25/ViO30	ViO35	SV40/ViO45/ ViO50/ViO55	ViO80/ViO82	SV86/SV100
Breaker Model							
	SB10E	SB20E	SB30E	SB35E	SB40E	SB43E	SB45E
Operating Weight (kg [lbs])	102(225)	126(278)	152(335)	224(494)	295(650)	375(827)	571(1,259)
Overall Length (mm [inch])	1,135(44.7)	1,213(47.8)	1,317(51.9)	1,472(58.0)	1,620(63.8)	1,899(74.8)	2,161(85.0)
Required Oil Flow (l/min [g/min])	15~30 (4.0~8.0)	20~40 (5.3~10.6)	25~50 (6.6~13.2)	30~60 (7.9~16.0)	40~70 (10.6~18.5)	50~90 (13.2~23.8)	60~100 (15.9~26.4)
Operating Pressure (kgf/cm ² [PSI])	90~120 (1,280~1,707)	90~120 (1,280~1,707)	90~120 (1,280~1,707)	100~130 (1,422~1,849)	110~140 (1,560~1,991)	120~150 (1,707~2,134)	130~160 (1,849~2,276)
Impact Rate (bpm)	800~1,400	700~1,200	600~1,100	500~1,000	500~900	400~800	400~800
Tool Diameter (mm [inch])	40(1.6)	45(1.8)	53(2.1)	60(2.4)	68(2.7)	75(3.0)	85(3.3)
Noise Level (dB)	105.5	106.8	108.5	116.9	108.7	114.5	112