



YANMAR

News Release

Yanmar Unveils All-New YM Tractor



The YM357A tractor with rotary tiller

Bangkok, Thailand (January 29, 2019) – Yanmar has released its ground-breaking YM tractor in a grand launch ceremony in Bangkok, Thailand. Scheduled to be deployed progressively from Southeast Asia to the world, the YM is expected to form the backbone of Yanmar’s tractor lineup in the region in the coming years.

“With the entry of the YM into the burgeoning Southeast Asia tractor market, Yanmar is poised to deliver 21st century agriculture towards improving lifestyles and delivering value to the region’s farmers.” said Yanmar Agribusiness Corporation President Hiroaki Kitaoka.

■ YM Tractor

Yanmar’s all new YM351A (Output:51 hp) and YM357A (Output:57 hp) tractors feature a host of innovations and new technology that will streamline operators’ work and create new value for the regions’ farmers.

Many farmers in Southeast Asia cultivate both rice in wet paddies and a range of dry field crops, from corn to sugar cane and others. Fields are often tilled by contractors who demand highly efficient light-weight and reliable 50-60 hp tractors, to lower costs and maximize their income. The YM series meets these demands in a highly functional and attractive package featuring design by world-renowned designer and Yanmar Holdings Director and Member of the Board, Ken Okuyama.

The all-new YM is a total tractor that can work both rice paddies and dry fields, and can haul loads, and features advanced geolocation functions towards improving the work efficiency and profitability of farmers and operators.

Some of the YM tractor’s advanced features include:

SMARTASSIST-Remote

SMARTASSIST-Remote allows users to access vital operational information about their tractors through an intuitive user interface which can even be accessed from a smartphone. Its geolocation features allow the operator to see exactly where their equipment is and how it is working. The technology can also issue warnings when machinery is operating outside preset parameters or if the equipment moves beyond designated boundaries. The result is reduced downtime, greater earnings and peace of mind for farmers. SMARTASSIST-Remote is standard to both the YM351A and the YM357A.

Powerful and Fuel-efficient Engine

Yanmar's YM tractor comes with a powerful and efficient Yanmar direct-injection TNV diesel engine that realizes high power with low fuel consumption and superb durability.

The engine incorporates several innovative features that improve performance:

- Monoplunger fuel injection pump atomizes fuel at high pressure
- Unique combustion chamber shape for improved combustion

Optimum Gear Selection for Work

Gear ratios are matched to work speed for best performance with 8 forward and 8 reverse gears. Gear ratios widely overlap all speed ranges to deliver the best torque for the work speed, using less fuel and contributing to owner profit.

A full-synchromesh gearbox ensures smooth changes, even while working.

Versatile Workload

The YM is great on dry fields or paddies and can also haul loads.

Great ground clearance is the key to powering on in muddy conditions or passing over crops without damaging them, while a maximum turning angle of 55° gives a turning circle that is the envy of its class.

The YM can perform a wide range of work and boasts a specially mated newly-designed rotary tiller that limits soil traveling into the rotary for reduced power loss. Implements available at launch include those for sugarcane and corn.

Ergonomic Comfort

With a flat deck and deluxe suspension seating, the YM is comfortable and easy to operate. Operators can stop or start PTO operation with one touch of a button.

SPECIFICATIONS

Model			YM351A	YM357A
Engine	Maker		YANMAR	
	Model		4TNV88	4TNV94L
	Type		4 Cylinders, Direct Injection, Vertical, Water-Cooled, Diesel	
	Total Displacement	L	2.190	3.054
	Gross Power	kW (HP) / rpm	38.0 (51.0) / 2800	42.4 (57.0) / 2400
	Fuel Tank	L	50	
Dimensions	Overall Length (without 3-point hit)	mm	3330	3380
	Overall Width	mm	1580	
	Overall Height	mm	2570	
	Wheel Base	mm	1900	1970
	Min. Ground Clearance	mm	425	
	Tread	mm	Front : 1252 (Standard) / 1404	Rear : 1238 (Standard) / 1320
Weight	kg	1680		
Traveling System	Tire	inch	Front : 8 - 18	Rear : 13.6 - 26
	Clutch		Dry, Single	
	Brake		Mechanical, wet disk	
	Steering		Hydrostatic power	
	Main shift		synchronized (4stage)	
	Reverser		synchronized Reverser	
	Number of shift		8 forward and 8 reverse	
	Travel speed			
	Forward	km / hr	2.4 - 28.0	2.6 - 29.4
	Reverse	km / hr	2.4 - 28.0	2.6 - 29.3
Hydraulic Unit	3-Point Hitch		Category 1	
	Max. Lift Force	at lower link end	kN (kgf)	
			14.2 (1450)	
Power Take off (PTO)	Type		independent	
	Gear1	PTO speed / engine rpm	540 / 2430	540 / 2096

Note: All technical data, measurement and weight are approximate, and the manufacturer has the right to make alteration without prior notice.

The YM Tractor will go on sale in Southeast Asia from early 2019 and is expected to be progressively deployed globally in coming years.

About Yanmar

With beginnings in Osaka, Japan, in 1912, Yanmar was the first to succeed in making a compact diesel engine of a practical size in 1933. Then, with industrial diesel engines as the cornerstone of its enterprise, Yanmar has continued to expand its product range, services, and expertise to deliver total solutions as an industrial equipment manufacturer. As a provider of small and large engines, agricultural machinery and facilities, construction equipment, energy systems, marine equipment, machine tools, and components, Yanmar's global business operations span seven domains.

On land, at sea, and in the city, Yanmar's mission of "providing sustainable solutions focused on the challenges customers face, in food production and harnessing power, thereby enriching people's lives for all our tomorrows" is a testament to Yanmar's determination to provide us with "A Sustainable Future."

For more details, please visit the official website of Yanmar Co., Ltd. : <https://www.yanmar.com/global/about/>

<NOTE>

The contents of this news release reflect what was mentioned in the press announcement. Please be aware that the contents of this release may differ with new information and developments.