



YANMAR

News Release

The All-New Yanmar YM Tractor, A Host of Innovations and New Technology



Mr. Hiroaki Kitaoka President of Yanmar Agribusiness Co., Ltd. (Left), and Mr. Takehito Suzuki Representative Director of Yanmar Holdings Co., Ltd. (Right) on the stage with YM Tractor

Bangkok, Thailand (January 29, 2019) – Yanmar, the leading of agricultural technology, has released its ground-breaking YM tractor that can work both in rice paddies and dry fields with the state of the art technology SMARTASSIST Remote (SAR), powerful and fuel-efficient engine, optimum gear selection for work, versatile workload and ergonomic comfort 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.

“The YM tractor will help famers to save cost, increased productivity, more comfortable and easier to monitor their farms with SAR technology which consistent to digital transformation. With the entry of the YM into the burgeoning Southeast Asia tractor market, Yanmar is poised to deliver 21st century agriculture towards improving lifestyles, delivering value and keep continue to provide sustainable solutions to the region’s farmers.” said Yanmar Agribusiness Corporation President Mr. Hiroaki Kitaoka.

■ YM Tractor

Yanmar's all new 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 styling by world-renowned designer and Yanmar Holdings Director and Member of the Board, Ken Okuyama.

The all-new YM is right choice for farmers because it 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 (SAR) allows users to access vital operational information about their tractors through an intuitive user interface which can even be accessed from a smartphone. SAR's geolocation features allow the operator to see exactly where their equipment is and how it is working. SAR 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. SAR is standard to the YM357A.

Powerful and Fuel-efficient Engine

Yanmar's YM tractor comes with a powerful and efficient 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 and reduce wear:

- Monoplunger fuel injection pump atomizes fuel at high pressure
- Unique combustion chamber shape for improved combustion
- Double air cleaner for reduced piston wear

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.

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.

Able to use a variety implements, 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.

Ergonomic comfort

With a flat deck, full synchromesh transmission and deluxe suspension seating, the YM is comfortable and easy to operate with intuitive controls for fine-tuned precision work. Operators can stop or start PTO operation with one touch of a button.

SPECIFICATIONS

YANMAR TRACTOR
YM357A
SMARTASSIST

Dimensions	Overall Length (without 3-point hit)	3380mm
	Overall Width	1580mm
	Overall Height	2570mm
	Min. Ground Clearance	425mm
Weight		1790kg
Engine	Maker	YANMAR
	Model	4TNV94L
	Type	Direct Injection, Vertical, Water-Cooled, 4 Cycle Diesel
	Total Displacement	3054L
	Gross Power	42.4kW (57HP) / 2400rpm
	Fuel Tank	50L
Traveling System	Main shift and Reverser	synchronized (4stage)
Hydraulic Unit	Max.Lift Force	14.2kN (1450kgf)

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.
