YANMAR

COMPACT TRACTOR

YT235

35HP



Expect more, get more

YANMAR'S YT2 TRACTOR: BUILT TO BE TOUGH!



YT235Q

- Historical excellence combines with future-proof technology to produce the ultimate tractor series for today
- Built by Japanese craftsmen to meet the specific needs of European customers and the applications in which they operate
- Built to be as hard-working as the customers that own them and the operators that drive them
- The ultimate combination of features, quality and affordability

YT2 Series



YT235R

A history of innovation

For more than 50 years, Yanmar Agriculture Equipment has been building a strong and growing reputation in Europe's agriculture and landscaping sectors.

And that reputation – which combines proven Japanese design with responsive European service - is growing stronger all the time.

The company's product line includes 22 HP - 60 HP tractors, tillers and transporters. Each is designed for optimum quality and durability, and each shares a focus on design, efficiency and profitability to meet the needs of customers now, and in the future.

With a range of exciting new products designed by Mr. Ken Okuyama - the industrial designer famous for his work on Porsche and Ferrari - the Yanmar brand will continue to inspire the development of agriculture and landscaping equipment worldwide.

Yanmar has a strong and established presence in Europe. The main European subsidiary is based in The Netherlands, and this is backed by a broad network of sales and service specialists in 30 European countries together with customised tractor assembly to support local needs.



Ken Kiyoyuki Okuyama
Industrial Designer / CEO,
KEN OKUYAMA DESIGN

Born in Yamagata, Japan in 1959 Ken has worked as a Chief Designer for General Motors, a senior designer for Porsche AG, and a Design Director for Pininfarina S.p.A. where he was responsible for the Ferrari Enzo, Maserati Quattroporte and many other cars. He is also known for his work on products including motorcycles, furniture and robots.



Engine Unique features:

- Direct injection for clean-burning power
- Common-rail system to allow finely-tuned electronic control of fuel injection
- Cooled EGR to reduce nitrogen oxides
- Diesel Particulate Filter to catch particulate matter in exhaust gas
- Fully electronic engine provides intelligent control

High Power common-rail engine

Strike a balance between high power/high performance and minimised emissions for the lowest possible environmental impact.



Common-rail Injection system



DPF (Diesel Particulate Filter)

DPF (Diesel Particulate Filter)

Our engines include a DPF system to catch particulate matter (PM) contained in the exhaust gas. The PM trapped inside the DPF is processed when the DPF automatically regenerates, keeping the filter constantly clean.

Yanmar's original DPF regeneration control combines three modes



1. Particulate matter trapped



2. Regeneration starts



*3. Regeneration completes**

Button Regeneration

The TNV engine from Yanmar automatically combusts and removes PM. In the event PM still accumulates, the DPF can be regenerated through a button operation while work continues.



** Inside dpf*

Regeneration results



Before



After

Operator comfort

Yanmar recognises that the operator is the most vital link in the productivity chain and has responded by providing a working environment that is quiet, comfortable and - above all - safe to protect your greatest asset.

Cabin design
The guiding principle behind the design of the YT2 Series cab was a desire to provide the operator with a nice place to work. The result is a cab that is spacious and well-appointed, boasting excellent all-round visibility. The operator further benefits from ample leg and head room, and ergonomic and intuitive controls that are all within easy reach for reduced fatigue.

Flat floor
An obstruction-free floor allows the operator to get in and out of the machine easily and safely, and provides ample leg room during operation.



Easy entry



A flat floor provides ample leg room

Low noise
The cab isolates the operator from noise to provide a comfortable work environment, even during long working hours with potentially noisy implements.

Only 82dB



Air-conditioning
The cabin is standard equipped with air-conditioning.



Deluxe seat for optimum comfort

Premium seat
Ergonomically-designed seat is fully height adjustable and features a backrest and extending headrest to ensure maximum support and comfort during long working hours.

Clear indicators
Clear indicators and well-appointed controls ensures that the YTs tractors are intuitive and easy to operate while providing reliable operating data in real time.

Rear defogger
Regardless of the weather, operator has clear vision to the rear for more precise implement control and enhanced safety.



Clear indicators

Anti vibration mount cabine
A system of anti-vibration rubber body mounts has been designed to reduce both vibration and noise while you work, giving you a comfortable ride and keeping you from the conventional wear and tear of extended hours on the job.



Factory-installed for precision

Steering wheel adjustable
Full adjustment allows operator to set machine to perfectly match his height, posture and comfort.



Steering adjustable to suit operator

Optional wiper
Delivering even greater visibility, regardless of the weather.

Large storage area next to seat
Toolbox? Lunch-box? Coffee flask. There is room for all this and more.

Enhanced performance

The YT2 Series are a reflection of the four key pillars of the design parameters: Versatility, Driver Comfort, Low-Fatigue Operation and Pleasure of Ownership.



YT2 tractors combine an array of features and characteristics that make them a pleasure to own and to operate

Twin pedal
Easy switching between forward and reverse motion for automotve-style driving, simplified operation and reduced driver fatigue.

Cruise control
Select an optimum speed for your chosen operation, and let cruise control maintain that speed for you.

2WD & 4WD
Easy switching between 2WD and 4WD provides additional traction and pulling power when it is required.

Max traveling speed
A top speed of 31 km/h affords fast travel between sites and jobs while providing automotive levels of on and off-road performance.

Dual speed offering a small turning radius
Electronically-controlled dual-speed system provides a tighter turning circle, making the tractor ideally suites to application where space is at a premium.

Front PTO, Front-lift offer high lifting capacity
Driven directly from the engine and designed to work seamlessly with a wide variety of front-end attachments and implements.

Robust chassis
Designed to withstand the rigours of even the harshest work environment and to provide a long working life. Also the chassis has been designed to easily install the Yanmar loader.

Full Hydraulic power steering
Precise directional control, reduced operator fatigue and ease of operation are afforded by the advanced power steering system.

Ergonomicly positioned levers
Levers are conveniently and ergo-nomically located on both sides of the operator for intuitive operation.



Comprehensive implement range makes these tractors suitable for any application and any weather



Versatility

Provides excellent operator protection together with a low-profile for trouble-free transportation.



The precision of the mid-mower

Yanmar designed loader
The newly-designed Yanmar loader is easy to mount and dismount and offers a high lifting capacity. The loader is designed in conjunction with the tractor for smooth operation and perfect.



Drive-over mid-mower

Yanmar designed drive-over mid-mower
Side-discharge mid-mower is designed by Yanmar to be easy to install and detach, due to drive-over capability.

Ladder hitch
Yanmar-designed ladder hitch facilitates easy height adjustment and fast, simple connection of a trailer.

Foldable ROPS
Provides excellent operator protection together with a low-profile for trouble-free transportation or storage.

Ground clearance
Class-leading ground clearance provides a smooth ride in all terrains.



Ladder hitch

Easy Maintenance

Maintenance is simplified to help keep these tractors where they belong. At work!

Fully-openable bonnet
Easy access to all key components and full visibility of the entire engine bay simplifies maintenance duties.



Easy access to frequent maintenace parts
All key maintenance areas and components requiring regular checks and replacements are within easy reach, making the operator's life easier.

Maintenance interval for DPF filter
Automatically-regenerating diesel particulate filter reduces exhaust emissions for clean running and extended service life of 6.000 hours.

Yanmar Genuine parts

Yanmar's genuine parts are built, tested and produced to provide optimum safety and quality. By using genuine Yanmar spare parts, the performance, durability and resale value of your machine is assured.

Fast delivery of European parts distribution
The purpose-built Yanmar European bonded-goods central warehouse in The Netherlands dispatches stock items across Europe. The warehouse operates with a highly efficient, computer-controlled system that is fully integrated with Yanmar's (in-house designed) Parts Management System.



Yanmar recommends the use of its own brand of oils and lubricants for optimum efficiency and a long, trouble-free working life



Tractors that are a pleasure to own.

Specifications

Model			YT235	
Transmission Type			HST	
CAB / ROPS			ROPS	CAB
Engine	Engine model		3TNV88C (Tier 4, Stage 5 ready)	
	Engine Rated Power (ISO 14396)	HP	35	
	Engine Rated Power	kW	25,5	
	Rear PTO Power	kW	20.9	20.1
	Engine rated speed	rpm	2800	
	Displacement	cc	1642	
	Fuel tank capacity	L	28	
	Alternator 12V	A	40	55
Dimensions	Overall length	mm	3063	
	Overall width Ag [Ind]	mm	1270 [1490]	
	Overall height Ag/Ind [Turf]	mm	2502 [2442]	2080 [2060]
	Wheel Base	mm	1650	
	Min. ground clearance	mm	221	
	Tread Front (Ag-Ind)	mm	1075 - 1106	
	Tread Rear (Ag-Ind)	mm	1040 - 1093	
	Weight	kg	1110	1280
Tire	Front	[mm]	AG:6-14 TURF:24x8.50-12 IND:25x8.5-14	
	Rear	[mm]	AG:9.5-22 TURF:315/80D-16-6PR IND:15.0-19.5	
Drive train	Steering		Hydraulic Bi-speed power steering	
	Main shift		HST	
	Drive direction selection		Side by side forward and backward drive pedals	
	Number of shift in front and rear		Variable transmission in 3 range shifts	
	Max. travelling speed (with Industrial tires)	km/h	31	
	At rated engine speed (2800 rpm)	rpm	540	
	PTO rotations cw from seat position	rpm	2000	
		rpm	1000	
Hydraulic pump cap.	Power Steering	L/min	15	
	Implement	L/min	26.8	
	Total	L/min	41.8	
Rear 3-Point Lift	Lifting capacity at ball ends	kgf	1300	
	Position control		Mechanical positioning	
Front weights	Available front weights		20kg x 9 = 180kg or 30kg x 9 = 270kg	
Front lift	Lifting capacity at hooks	kgf	450	
Loader	Loader valve + joystick	kgf	Standard (mechanical double)	
	Lifting capacity 500mm before pivot points	kgf	434	
Hydraulic outlets	Rear SCV		Optional	

Functions

Model		YT235	
CAB / ROPS		ROPS	CAB
Engine	Common-rail with DPF and EGR	•	•
	Dual Air Cleaner Element	•	•
	One-piece full open hood	•	•
Travelling	Hydrostatic variable transmission	•	•
	Auto throttle (automotive drive)	•	•
	Electro hydraulic engagement (2WD/4WD)	•	•
	Bi-Speed Turn	•	•
	Wet disc brake	•	•
	Brake stop without clutch	•	•
	Automatic 4-Wheel Brake	•	•
	Cruise Control	•	•
	Sound level @operator ear	≤ 84 dB(A)	≤ 84 dB(A)
Implements operation	Wet independent PTO	•	•
	Mid PTO	Optional	
	Front PTO	Optional	
Equipment	Projector Head lights	•	•
	Horn centraly placed in steering wheel	•	•
	Battery Isolator	•	•
	Low fuel level warning buzzer	•	•
	Platform mounted on vibration dampers	•	•
	Large-size rearview mirror (left+right)	•	•
	Luxury seat Grammer (Mech. Suspension)	Optional	
	Luxury seat Grammer (Pneum. Suspension)	Optional	
	Retractable seatbelt	•	•
	Tilt steering	•	•
	Turn Signals/Hazard Flashers	•	•
	SMV Sign	Optional	
	12V outlet	•	•
	Cup holder	•	•
	Drawbar hitch	Optional	
	Ladder hitch (clevis/auto clevis/ball)	Optional	
	Yanmar Loader	Optional	
	Yanmar Mid mower	Optional	
	Pillarless door	-	•
	LED worklamps (front/rear)	-	Optional
	Work lamp rear (ROPS)	Optional	-
	Flashing beacon light	Optional	
	Room lamp	-	•
	Front Wiper	-	•
	Rear Wiper	-	Optional
	Electrical heated rear window	-	•
	Rear view room mirror	-	-
	Sun visor	-	-
	Air conditioner	-	•
	CD radio	-	Optional

- • Standard
- - Not available

Find your nearest Yanmar dealer

Wherever you are, wherever you go, wherever you work. Yanmar is right there with you.

Yanmar's European headquarters in the Netherlands supports a sales organisation covering the whole of Europe, Furthermore, the company's sales and service network operates in more than 130 countries.

www.yanmaragriculture.eu/dealer-locator



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EN-YT2-0818