



2020 • 2019 • 2018  
EQUIPMENT DEALERS ASSOCIATION  
SURVEY / TRACTOR MANUFACTURERS

**PRODUCT  
QUALITY**

★★★★★  
PROVEN  
QUALITY

**10  
YEAR**

10-YEAR / 3,000 HOUR COVERAGE

**LIMITED POWERTRAIN  
WARRANTY**



# YM3 SERIES

PROVEN. RELIABLE. YANMAR.

# QUALITY RUNS IN THE FAMILY.

After nearly 30 years, 2021 marks the return of Yanmar America's classic YM tractor series, operating in the 42 to 59 horsepower range.

This series features tractors for the next generation of traditionalists - those looking for the features, benefits and 10 year warranty associated with the Yanmar brand, with a nod to their family tractor from years past. Old school work ethic with new school technology.

The original YM series tractors were referred to as "the over achievers" – and with features like 540 economy PTO, 2,500lb lift capacity, and Yanmar's proven performance link technology – that legacy continues with the YM3.

## HISTORY

**1912**

**Over 100 years in history,** founded as Yamaoka Hatsudoki Kosakusho, a company with a mission to build the most reliable, compact and efficient engines for farmers, fishermen and other trades and businesses.

**1933**

**Over 80 years of diesel engines,** developed the world's first commercially successful small horizontal water-cooled diesel engine with a cold-start system.

**1967**

**The first Yanmar tractor.** From the beginning, Yanmar tractors, like the 23 horsepower Model YM273, use Yanmar water-cooled diesel engines.

**1979**

Yanmar Tractor (USA) Inc. begins operations in North America.

**1992**

**Millions of diesels.** The 10 millionth Yanmar diesel engine is produced and sold.

# WELCOME THE NEXT GENERATION OF YM TRACTORS



**2002**

Established Yanmar Agricultural Machinery Manufacturing Co., LTD., to integrate the group's agricultural businesses. It produced tractors targeted for the global market and their transmissions.

**2006**

Advancing tractor technology. The first generation of HMT (hydromechanical transmission) technology for Yanmar tractors is introduced.

**2014**

Yanmar America introduces the SA Series tractors.

**2016**

Yanmar America introduces the YT2 and YT3 Series tractors. YT3 brings operator-labor-saving advancement to compact tractors with i-HMT transmission and programmable controls.

**2021**

Yanmar releases the next generation of YM series tractors ranging from 42 - 59 horsepower.

**SYNCHRONIZED SHUTTLE SHIFT**

Synchronized shuttle shift allows you to quickly change between forward and reverse allowing effortless loader work.

**2,500LB\* LIFTING CAPACITY**

From sawdust for your stables, to gravel for your roads - let the YM3 do the brunt of the work. \*At pin point.

**15" GROUND CLEARANCE**

Perfect for mowing, baling, and clearing brush.

**WIDE 72" BUCKET**

Bucket capacity of 10.9 cubic feet is ideal for material handling.



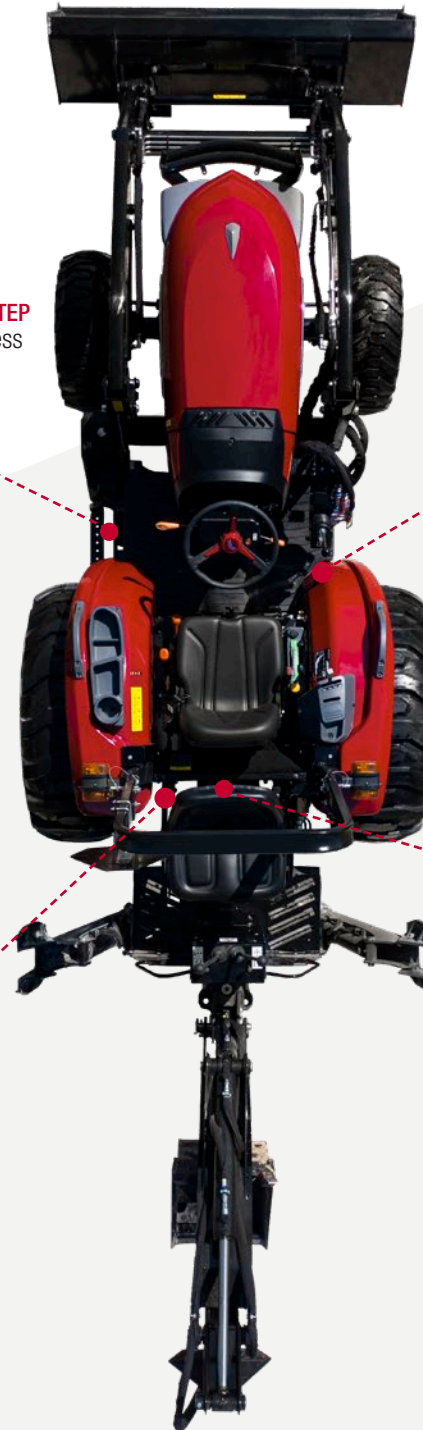
### SINGLE REAR REMOTE

Standard with all YM3 series tractors. This hydraulic connection is built in to operate rear attachments.



### FLAT ISO-MOUNT FLOORBOARD WITH ANTI-SLIP STEP

Cuts down on vibration while providing easy access and operator comfort.



### MORE POWER ON THE GROUND

Gear drive transmission combined with Yanmar diesel engine gives you high torque and more usable PTO horsepower.

### VERSATILITY WITH ATTACHMENTS

Compatible with both category 1 and category 2 attachments. Telescopic hitch arm provides ease and convenience for quick attachment mounting and heavy duty, pin style sway bars keep your attachment securely in place.

### COMFORT & EFFICIENCY BUILT RIGHT IN

540E PTO provides optimum operation at lower engine RPM resulting in less fuel consumption.

### CONVENIENCE DESIGNED IN

Lower fuel tank positioning, larger fuel capacity, and the convenient driver's side location makes fueling quick and easy.

# FOUNDER'S SPIRIT: “TO CONSERVE FUEL IS TO SERVE MANKIND.”

Magokichi Yamaoka, Founder of Yanmar

## Strength and Efficiency

Our four-cylinder liquid-cooled diesel engines rely on innovative fuel-injection systems and combustion chambers to create an unbeatable level of power and efficiency.

The result is more power to get through the heaviest load, and more efficiency to get every job done on less fuel.



# DURABILITY. RELIABILITY. PERFORMANCE.

## Hallmark of Yanmar's Quality DNA

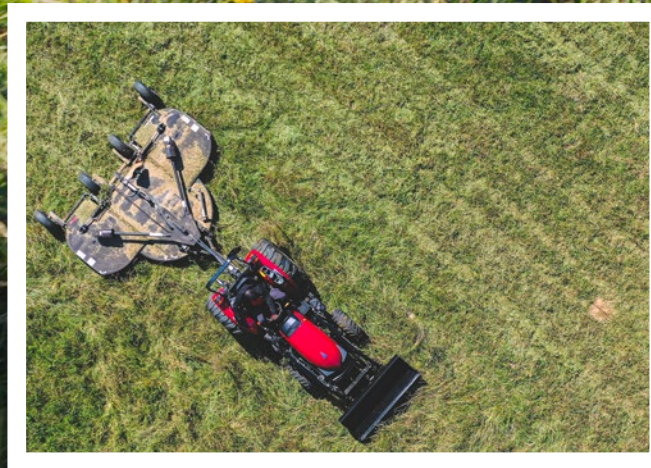
Major drivetrain components - engine, transmission and axle - are designed by Yanmar and manufactured to Yanmar's stringent quality standards to give you the quality and performance you have come to trust from Yanmar.

We call it Performance Link Technology built into every Yanmar tractor to deliver a smoother, more comfortable ride with less noise, more horsepower and more efficiency.



# MOWING

**540E PTO GIVES YOU OPTIMUM OPERATION AT A LOWER ENGINE RPM, RESULTING IN LESS FUEL CONSUMPTION, AND LOWER NOISE & VIBRATION.**







# MATERIAL HANDLING



WITH A 2,500LB LIFTING CAPACITY, YM3 TRACTORS HAVE THE VERSATILITY TO HANDLE ANY JOB.



# PREPARING THE SOIL

**GEAR DRIVE TRANSMISSION IS IDEAL FOR MAINTAINING A CONSISTENT SPEED, PROVIDING HIGH TORQUE AND MORE USABLE PTO HORSEPOWER.**





# GRADING & SCRAPING

CATEGORY 1 & 2 HITCH WITH  
TELESCOPING LOWER ARMS ALLOW  
FOR EFFICIENT CHANGES OF REAR  
ATTACHMENTS FOR MAINTAINING  
FIELD ROADS AND DRIVEWAYS.





# SPECIFICATIONS

	YM342	YM347	YM359
<b>Engine</b>			
Manufacturer	Yanmar	Yanmar	Yanmar
Model	4TNV88C-XKITL	4TNV88C-XKITL	4TNV98C-XNITL
Engine (hp)	41.4	46.0	58.9
PTO (hp)	31.0	35.5	47.0
Fuel Tank Capacity (gal)	13.2	13.2	13.2
Engine Displacement (ci)	133.6	133.6	202.4
Fuel	Diesel	Diesel	Diesel
Dual Air Cleaner Element	●	●	●
Large Volume Water Separator	●	●	●
One-Piece Full Open Hood	●	●	●
<b>Dimensions</b>			
Minimum Ground Clearance (in)	15.5	15.5	15.5
Wheelbase (in)	74.8	74.8	77.5
Front Tread* (in)	50	50	50
Minimum Rear Tread* (in)	52	52	52
Maximum Rear Tread* (in)	64	64	64
Rear Adjustment Width* (in)	12	12	12
Turning Radius* (Without Brakes) (in)	138	138	142
<b>Weight</b>			
ROPS (lbs)	3,916	3,916	4,158
<b>Transmission</b>			
Main Clutch	Dry Single	Dry Single	Dry Single
Main Shift	Synchronized	Synchronized	Synchronized
Reverser	Synchronized	Synchronized	Synchronized
Number of Shifts (F-R)	F8-R8	F8-R8	F8-R8
Maximum Traveling Speed (mph)	17.7	17.7	18.5

\*R1 Tires



	YM342	YM347	YM359
<b>Hydraulics</b>			
Hitch Category (SAE Designation)	Category 1 & 2	Category 1 & 2	Category 1 & 2
Lower Link Ends	Telescopic	Telescopic	Telescopic
Remote Control Valves Available	1 Standard (2 Opt)	1 Standard (2 Opt)	1 Standard (2 Opt)
<b>Hydraulic Pump Capacity</b>			
Power Steering (gpm)	5.3	5.3	5.7
Implement (gpm)	9.3	9.3	10.2
Total (gpm)	14.6	14.6	15.9
<b>Power Take Off</b>			
Speeds (rpm)	540/540E	540/540E	540/540E
Independent PTO	●	●	●
<b>3 Point Lift Capacity</b>			
Lower-Link Standard (lbs)	3,190	3,190	3,190
24" Behind (lbs)	2,750	2,750	2,750
<b>Tire Size</b>			
AG Front	8.0 - 16.0 Radial	8.0 - 16.0 Radial	210/95R16 Radial
AG Rear	14.9 - 24.0 Radial	14.9 - 24.0 Radial	420/85R24 Radial
Industrial Front	10.0 - 16.5	10.0 - 16.5	10.0 - 16.5
Industrial Rear	17.5L - 24.0	17.5L - 24.0	16.9 - 24.0
Turf Front	27.0 - 10.5	27.0 - 10.5	27.0 - 10.5
Turf Rear	44 x 18 - 20.0	44 x 18 - 20.0	44 x 18 - 20.0
<b>Exterior</b>			
Full Flat Floor	●	●	●
Deluxe Seat	●	●	●
Mud Shield, Foot Guard	Optional	Optional	Optional
Cup Holder	●	●	●

<b>YANMAR YL605 LOADER SPECIFICATIONS</b>	
Maximum Lift Height (in)	113.0
Loader Weight (lb)	1,212.5
Dump Clearance (in)	87.6
Maximum Height @ Reach (in)	16.0
Reach with Bucket on Ground (in)	74.0
Digging Depth (in)	7.5
Maximum Dump Angle (Degree)	45°
Maximum Rollback Angle (Degree)	40°
<b>Performance</b>	
Lift Capacity (Pivot Pin) (in)	2,500
Lift Capacity (500mm Forward) (lbs)	1,795
Breakout Force (500mm Forward) (lbs)	3,047
Bucket Capacity (cu. ft.)	10.9
<b>Standard</b>	
Skid Steer Quick Attach	●
Bucket Level Indicator	●
72" Bucket	●
Grille Guard	
<b>Optional</b>	
3rd Function Valve	

<b>YANMAR B85 BACKHOE SPECIFICATIONS</b>	
Backhoe Weight (lb)	1,818.8
Maximum Digging Depth (in)	103.0
Reach from Swing Pivot (in)	141.0
Transportation Height (in)	94.0
Transportation Length (in)	55.0
Bucket digging Force (lbs)	4,600
Dipperstick Digging Force (lbs)	2,940
Digging Depth 2' Flat Bottom (in)	102.0
Loading Height (in)	83.0
Loading Reach (in)	61.0

Note: Buckets available in 12", 18" and 24"

**AVAILABLE ATTACHMENTS FOR THE YANMAR YM3 SERIES**

Front End Loader	Grading Scraper	Rotary Cutter
Backhoe	Disc Harrow	3 Pt Attachments
Box Scraper	Pallet Forks	

Note: Attachments sold separately. Please see your dealer for details

**DEALERS WHO SHARE OUR COMMITMENT**

Yanmar tractors are sold and serviced by a network of dealers who are committed to serving the communities in which they live and work. They share our passion for the land as well as a passion for unsurpassed service. To find the dealer nearest you, please visit [YanmarTractor.com](http://YanmarTractor.com).



**SCAN THE QR CODE  
TO FIND YOUR LOCAL  
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Learn more at [www.YanmarTractor.com](http://www.YanmarTractor.com)



Yanmar America Corporation  
101 International Pkwy, Adairsville, GA 30103  
770.877.9894

[www.YanmarTractor.com](http://www.YanmarTractor.com)

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