

T394

Compact, Series 2
37.4 hp



A compact tractor that outperforms its size and outsmarts limitations

Tackle challenges in tight spaces with the T394. Compact but durable and expertly engineered for efficiency, this tractor excels in greenhouses, orchards, and other confined areas where space is limited but power can't be compromised.



1. Optional loader with high lift capacity



3. Dual filter air cleaner



5. Foldable ROPS



2. PTO on/off switch



4. Cruise control

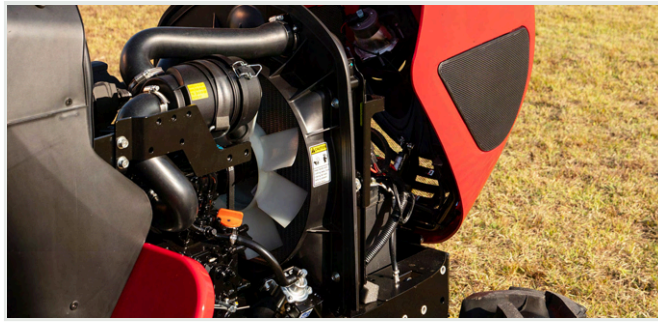


6. Joystick control for front loader



High torque, water-cooled Yanmar diesel engine

The Japanese made Yanmar engine offers more torque with less revs compared to competitors in its class. Since it is water cooled, the engine warms up faster and stabilizes temperature more effectively while the tractor is running. The engine is also Tier 4-certified, including for noise emission standards.



Dual filter air cleaner for engine longevity

An additional filter protects the tractor's engine from harmful particles, drastically extending the engine life.



Cast iron components for sturdier connections

For enhanced durability under heavier loads, the rear of this tractor features robust cast-iron components to connect attachments. The material improves hydraulic efficiency and extends component lifecycles.



Easy to open hood for convenient maintenance

The tractor hood can be opened in one motion, providing easy access to the engine and other systems for daily checks, routine service, and maintenance. The side panel can also be removed easily without the need for specialized tools.



3-point hitch with powerful lift capacity

The 3-point linkage on the rear has an impressive lift capacity that reaches the end ball joints. The rear PTO control can be used to adjust rpm based on the task, increasing it for more intensive applications like slashing and digging.



HST for infinitely variable drive speed

Responsive hydrostatic controls provide a smooth ride for operators, from the forward and reverse pedal to the powered steering wheel. These controls reduce the need for operator effort during a range of tasks, particularly while operating the optional front-end loader.

Technical specifications

ENGINE	
Engine manufacturer	Yanmar 3TNV88-CR
Type	Natural aspiration
Gross engine power	37.4 hp 27.5 kW
PTO power	30.2 hp 22.5 kW
Rated engine speed	3000 rpm
No. of cylinders	3
Displacement	100.2 cu. in. 1642 cc
Air cleaner	Dual dry
Alternator	12V, 50A
Fuel system	CRDI
POWERTRAIN	
Transmission type	Mechanical
No. of speeds	F12XR12
Max. traveling speed	15.0 mph 24.2 km/h
Brakes	Wet disc
Steering	Hydrostatic
Clutch	Dry single plate
CAPACITIES	
Fuel tank	9.0 gal 34 L
Coolant	7.4 qt 7 L
Crankcase	6 qt 5.7 L
Transmission/Hydraulics system	8.5 gal 32.2 L
Front axle	8.7 qt 8.2 L

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540 rpm
HYDRAULIC SYSTEM	
Pump type	Dual gear pump
Implement flow	6.1 gpm 23.2 L/min
Steering flow	4.4 gpm 16.7 L/min
Total flow	10.5 gpm 39.9 L/min
Category, 3-point hitch	I
Hitch lift capacity	2639 lb 1197 kg
Hitch lift capacity at 24 inches behind link ends	1558 lb 707 kg
Lift control type	Position
No. of standard remote valves	Optional (1 or 2)
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	126 in. 3200 mm
Overall width	53.5 in. 1360 mm
Wheelbase	64.5 in. 1640 mm
Height to top of ROPS	94.5 in. 2400 mm
Height to top of cabin	-
Min. ground clearance	12.8 in. 325 mm
Min. turn radius with brakes	94.4 in. 2400 mm
Min. turn radius without brakes	116 in. 2950 mm
Weight with ROPS	3020 lb 1370 kg
Weight with cab	-
STANDARD TIRES	
R1 Agricultural - Front	Farm Specialist 8.0-16 NHS TL 6PR
R1 Agricultural - Rear	Farm Specialist 12.4-24 NHS TL 6PR
R3 Turf - Front	27x10.5-15
R3 Turf - Rear	12.5-20
R4 Industrial - Front	27x10.5-15
R4 Industrial - Rear	12.5x20

BY75 Backhoe

Attachments

The BY75 complements the power and strength of the Series 2 compact tractors, enhancing performance and versatility without compromising safety.

Digging depth	91.2 in. 2317 mm
Loading height	90 in. 2286 mm
Backhoe reach	123.6 in. 3140 mm

PERFORMANCE	
Digging depth	91.2 in. 2317 mm
Loading height	90 in. 2286 mm
Max. leveling angle	10°
Angle of departure	21°

CAPACITIES & REACH	
Backhoe reach	123.6 in. 3140 mm
Swing angle	180°
Bucket rotation	149°
Stabilizer spread (lowered position)	88.8 in. 2256 mm
Stabilizer spread (raised position)	68.4 in. 1737 mm

DIMENSIONS & WEIGHTS	
Transport overhang	46.8 in. 1189 mm
Transport height (max.)	85.2 in. 2164 mm



Compatible bucket sizes	9" backhoe bucket
Compatible bucket sizes	12" backhoe bucket
Compatible bucket sizes	16" backhoe bucket
Compatible bucket sizes	18" backhoe bucket
Compatible bucket sizes	24" backhoe bucket

COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
Large_09	Large_12
Large_16	Large_18
Large_24	

TX39H Front-End Loader

Attachments

The TX39H front-end loader takes advantage of the power and durability of compatible TYM compact tractors. Ideal for tasks that require more strength, these front-end loaders can help you get your tasks done more efficiently.

Lift height	101.5 in. 2578 mm
Lift capacity at pivot point (max. height)	2116 lb 960 kgf
Bucket capacity	9.9 cu. ft 0.28 cu. m

CAPACITIES & REACH	
Lift height	101.5 in. 2578 mm
Max. lift height under level bucket	93.3 in. 2369 mm
Clearance with bucket dumped	79.9 in. 2030 mm
Reach at maximum lift height	18.6 in. 473 mm
Max. dump angle	33°
Reach with bucket on ground	61.6 in. 1565 mm
Max. rollback angle	28°
Digging depth	4.4 in. 112 mm
Lift capacity at pivot point (max. height)	2116 lb 960 kgf
Breakout force at ground level, pivot pins	3435 lb 1558 kgf
Bucket rollback force at ground line	2200 lb 998 kgf
Bucket capacity	9.9 cu. ft 0.28 cu. m
Self leveling	NA
Relief valve setting (loader control valve)	2347 psi 165 kg/sq. cm
Compatible bucket sizes	66" Front-end loader bucket
DIMENSIONS & WEIGHTS	
Overall height in carry position	56.3 in. 1430 mm
Depth of Attachment (to the back of the inner shell)	19.3 in. 490 mm



Height of Attachment	21.3 in. 540 mm
Length of Attachment (to pivot pin)	23.6 in. 600 mm
Weight of boom & quick attach mechanism (1)	460.8 lb 209 kg
Weight of mounting frame (2)	265 lb 120 kg
Weight of bucket (3)	227.1 lb 103 kg
Loader total weight (1+2+3)	952.9 lb 432 kg
Lift cylinder	1.97 × 1.2 in. 50 × 30 mm
Bucket cylinder	1.97 × 1.2 in. 50 × 30 mm
Attachment used for specification	66 in. 1675 mm

CYCLE TIMES	
Boom raising time	5.5 sec
Boom lowering time	3.5 sec
Bucket rollback time	3.7 sec
Bucket dumping time	5.3 sec

COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
66" Front-End Loader bucket	

Upgrades for the Series 2, T394

Complement the capabilities of your TYM tractor with compatible accessories and options.

Accessories

- Block heater
- Auxiliary hydraulic kit
- Mid-PTO kit
- Cruise control kit
- 7-pin trailer socket
- Single rear remote w/ detent
- Double rear remote w/ detent
- BHPAD200 Street Pads
- Front counterweights
- T85A Mechanical Thumb



Options

Tire	R1 Agricultural Tires	F Farm Specialist 7 - 16 NHS TL 6PR	R Farm Specialist 11.2-24 NHS TL 6PR
Tire	R3 Turf Tires	F Multi - Trac CS 27x8.50 - 15 NHS TL 4PR	R Multi-Trac CS 41x14.00-20 NHS TL 4PR
Tire	R4 Industrial Tires	F Trac Chief 10 - 16.50 NHS TL 6PR	R Xtra Grip 43x16.00-20 NHS TL 6PR



Designed for your world

TYM creates tractors that bring together alluring form, advanced function and accessible value. Through Korean expertise in design, engineering and manufacturing, the company helps owners overcome every obstacle as they shape the world around them.

Headquartered in Korea with distribution across North America, Europe, and Asia, and assembly operations in the USA, TYM has been empowering customers for over 70 years.

www.tym.world