

T194

Sub-Compact, Series 1
19 hp



A sub-compact tractor designed for full-sized tasks

Perform the tasks fit for a full-size tractor while enjoying the agility and ease of use of a riding mower. With its unmatched versatility, the T194 embodies the essence of TYM Series 1 tractors as an indispensable groundskeeper for every property.



1. PTO lever for mid and rear rpm



3. Safety seat sensor



5. PTO on/off switch



1. 2-range hydrostatic transmission (HST)



4. Throttle lever



6. Dial adjustment for mower height



Ergonomic features for enhanced productivity

A wide operator cabin with a flat floor offers good visibility and ample leg room, while all controls are within arms' reach. The accelerator, brake pedal, differential lock, and parking brake are easily accessible on the floor of the cabin, located precisely where you expect them to be.



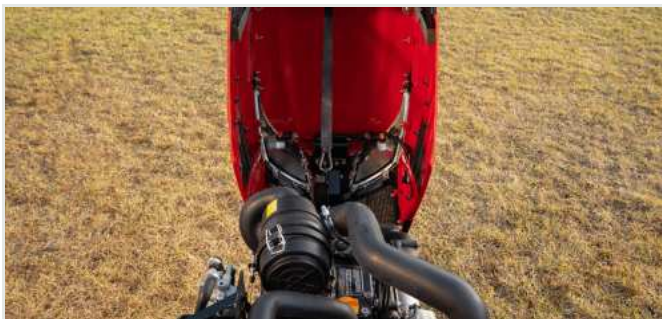
High torque, water-cooled Yanmar diesel engine

The 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 Stage V certified for environmental and noise emission standards.



Mid-mount linkage for mowing implements

The mid-mount linkage on the tractor allows easy installation for a mower up to 54 inches wide. Cutting height can be adjusted easily during operation using the dial on the operator console, so patches of overgrowth can be tackled more efficiently.



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 important maintenance. The side panel can also be removed easily without the need for specialized tools.



Accessible fuel tank for easier refueling

Located on the right side of the driver's seat, the fuel tank is easy to open with an ergonomically designed twist off cap. The tank can be topped up with fuel, even when attachments are connected to the tractor.



Foldable ROPS for storage in low-ceiling structures

The Roll Over Protective Structure (ROPS) of the tractor is designed to be folded, allowing for easy storage in low-ceiling garages or sheds.



Controls to speed up, slow down, raise, or lower attachments

Even while the tractor is in motion, a dedicated PTO lever can be used to speed up or slow down implement rpm, while the dial can raise and lower implements at the prescribed speed.



HST for infinitely variable drive speed

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

Technical specifications

ENGINE	
Engine manufacturer	Yanmar 3TNV74F
Type	Natural aspiration
Gross engine power	19 hp 14.2 kW
PTO power	14.6 hp 10.9 kW
Rated engine speed	3000 rpm
No. of cylinders	3
Displacement	993 cc 60.6 cu. in.
Air cleaner	Single dry
Alternator	12V, 40A
Fuel system	IDI
POWERTRAIN	
Transmission type	HST
No. of speeds	2 Range
Max. traveling speed	12.5 km/h 7.8 mph
Brakes	Wet disc
Steering	Hydrostatic
Clutch	N/A
CAPACITIES	
Fuel tank	25 L 6.6 gal
Coolant	3.5 L 3.7 qt
Crankcase	2 L 2.1 qt
Transmission/Hydraulics system	13.6 L 3.6 gal
Front axle	2.5 L 2.6 qt

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540 rpm
HYDRAULIC SYSTEM	
Pump type	Single gear pump
Implement flow	15.8 L/min 4.2 gpm
Steering flow	7.9 L/min 2.1 gpm
Total flow	23.8 L/min 6.3 gpm
Category, 3-point hitch	I (N)
Hitch lift capacity	499 kg 1100 lb
Hitch lift capacity at 24 inches behind link ends	308 kg 679 lb
Lift control type	Position
No. of standard remote valves	Optional (1)
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	2394 mm 94.2 in.
Overall width	1130 mm 44.5 in.
Wheelbase	1350 mm 53.1 in.
Height to top of ROPS	2200 mm 86.6 in.
Height to top of cabin	-
Min. ground clearance	210 mm 8.3 in.
Min. turn radius with brakes	-
Min. turn radius without brakes	2200 mm 86.6 in.
Weight with ROPS	650 kg 1433 lb
Weight with cab	823 kg 1814 lb
STANDARD TIRES	
R1 Agricultural - Front	BAR F 16x6.50-8
R1 Agricultural - Rear	BAR R 24x12.00-12
R3 Turf - Front	16x7.50-8
R3 Turf - Rear	24x12.00-12
R4 Industrial - Front	16x7.50-8NHS
R4 Industrial - Rear	24x12.00-12NHS

TX19H Front-End Loader

Attachments

Enhance the functionality of your TYM sub-compact tractor with the TX19H front-end loader. With impressive lift capacity and height, this TYM front-end loader can help you lift, move and handle material more effectively.



CAPACITIES & REACH	
Lift height	1810 mm (71.3 in.)
Max. lift height under level bucket	1646 mm (64.8 in.)
Clearance with bucket dumped	1369 mm (53.9 in.)
Reach at maximum lift height	680 mm (26.8 in.)
Max. dump angle	37°
Reach with bucket on ground	1258 mm (49.5 in.)
Max. rollback angle	23°
Digging depth	105 mm (4.1 in.)
Lift capacity	280 kgf (617 lb)
Breakout force at ground level, pivot pins	560 kgf (1235 lb)
Bucket rollback force at ground line	470 kgf (1036 lb)
Bucket capacity	0.16 cu m (5.7 cu. ft.)
Relief valve setting (loader control valve)	130 kg/sq. cm (1849 psi)
Compatible bucket sizes	66" Front-end loader bucket

DIMENSIONS & WEIGHTS	
Overall height in carry position	1068 mm (42 in.)
Depth of Attachment (to the back of the inner shell)	484 mm (19.1 in.)
Height of Attachment	467 mm (18.4 in.)
Length of Attachment (to pivot pin)	525 mm (20.7 in.)
Weight of boom & quick attach mechanism (1)	92 kg (202.8 lb)
Weight of mounting frame (2)	46 kg (101.4 lb)
Weight of bucket (3)	52 kg (114.6 lb)
Loader total weight (1+2+3)	190 kg (418.9 lb)
Lift cylinder	40 × 25 mm (1.6 × 1.0 in.)
Bucket cylinder	40 × 25 mm (1.6 × 1.0 in.)
Attachment used for specification	1220 mm (48 in.)
CYCLE TIMES	
Boom raising time	3.7 sec
Boom lowering time	2.2 sec
Bucket rollback time	2.2 sec
Bucket dumping time	3.6 sec
COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
48" Front-End Loader bucket	

MM54 Mid-Mount Mower

Attachments

Built with 54-inch working width cutting deck and 5.6-inch transport height, the TYM MM54 mid-mount mower attachment is designed to optimize your cutting time and improve cut quality.

Blade velocity	14601 fpm
Blade length	469.9 mm 18.5 in.
Working width	1371.6 mm 54 in.

PERFORMANCE	
No. of blades	3 EA
Blade velocity	14601 fpm
Blade length	469.9 mm 18.5 in.
Power rating	13.4-14.9 kW 18-20 hp
GENERAL	
Type	Side discharge
Mounting method	Parallel linkage
Lift linkage type	Lower link lift
Adjustment of increment	Dial gauge
Dial gauge hole	7 EA
Dial gauge gab between hole	12.7 mm 0.5 in.
Dial gauge total gab	76.2 mm 3 in.
Universal joint	Ø21.6 × 420 L
Wheel	4 EA
Assistant wheel	1 EA
Belt	V-Belt
Color	RED
Deck thickness	3.3 mm 0.13 in.



DIMENSIONS & WEIGHTS	
Working width	1371.6 mm 54 in.
Length	34.4 mm 1.35 in.
Width	66.5 mm 2.62 in.
Height	11.4 mm 0.45 in.
Weight	84.4 kg 186 lb
Cutting height	25.4 - 101.6 mm 1 - 4 in.
Transport height	142.3 mm 5.6 in.

MM48 Mid-Mount Mower

Attachments

Built with 48-inch working width cutting deck and 5.6-inch transport height, the TYM MM48 mid-mount mower attachment is designed to optimize your cutting time and improve cut quality.



PERFORMANCE	
No. of blades	3 EA
Blade velocity	13048 fpm
Blade length	419.1 mm 16.5 in.
Power rating	13.4-14.9 kW (18-20 hp)
GENERAL	
Type	Side discharge
Mounting method	Parallel linkage
Lift linkage type	Lower link lift
Adjustment of increment	Dial gauge
Dial gauge hole	7 EA
Dial gauge gab between hole	12.7 mm 0.5 in.
Dial gauge total gab	76.2 mm (3 in.)
Universal joint	Ø21.6 × 420 L
Wheel	4 EA
Assistant wheel	1 EA
Belt	V-Belt
Color	Super RED
Deck thickness	3.3 mm 0.13 in.

DIMENSIONS & WEIGHTS	
Working width	1219.2 mm 48 in.
Length	31.7 mm 1.25 in.
Width	60.5 mm 2.38 in.
Height	11.4 mm 0.45 in.
Weight	79.8 kg 176 lb
Cutting height	25.4 - 101.6 mm 1 - 4 in.
Transport height	142.3 mm 5.6 in.

TB50 Backhoe

Attachments

The TYM TB50 backhoe attachment is engineered to maximize the efficiency and enhance the productivity of your Series 1 sub-compact tractor.

Digging depth	1690 mm 66.5 in.
Loading height	1545 mm 60.8 in.
Backhoe reach	2280 mm 89.7 in.

PERFORMANCE	
Digging depth	1690 mm 66.5 in.
Loading height	1545 mm 60.8 in.
Max. leveling angle	10°
Angle of departure	21°
CAPACITIES & REACH	
Backhoe reach	2280 mm 89.7 in.
Swing angle	140°
Bucket rotation	169°
Stabilizer spread (lowered position)	1900 mm 74.8 in.
Stabilizer spread (raised position)	1480 mm 58.2 in.



DIMENSIONS & WEIGHTS	
Transport overhang	990 mm 38.9 in.
Transport height (max.)	1545 mm 60.8 in.
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	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
Small_09	Small_12
Small_16	Small_18

Upgrades for the Series 1, T194

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

Accessories

Block heater
Auxiliary hydraulic kit
Rear wiper kit
Front counterweights
Mulching kits
T50A Mechanical Thumbs



Options

Tire	R3 Turf Tires	F 16x7.50 - 8NHS 4PR	R 24x12.00-12NHS 4PR
Cabin	CAB194		



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