

# 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 T1019 (T194) embodies the essence of TYM Series 1 tractors as an indispensable groundskeeper for every property.



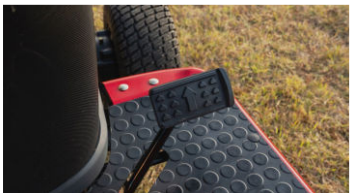
1. PTO lever for mid and rear rpm



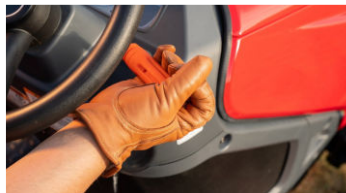
3. Safety seat sensor



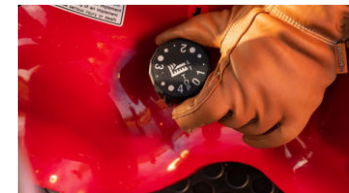
5. PTO on/off switch



2. 2-range hydrostatic transmission (HST)



4. Throttle lever



6. Dial adjustment for mower height



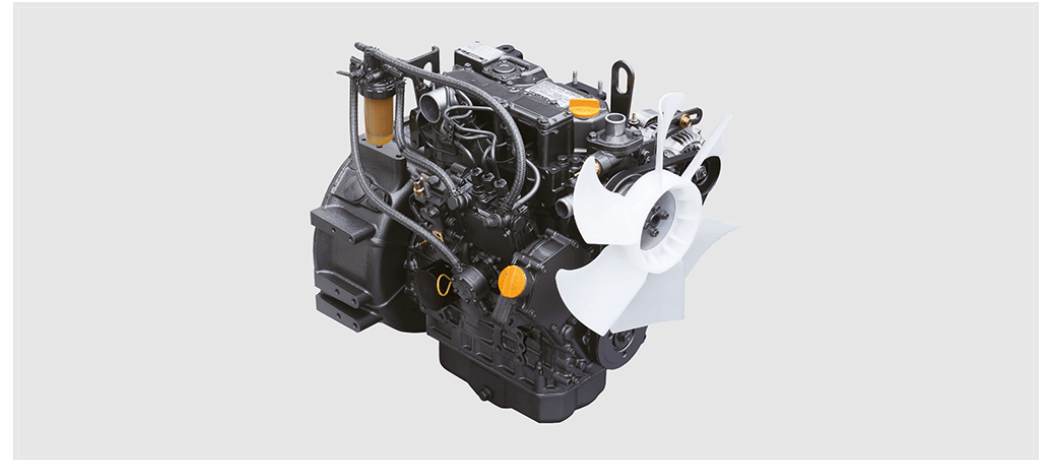
### Ergonomic features for enhanced productivity

A spacious open station 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.



### 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.



### 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.



### 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 manage 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

# 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)

### 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.

### 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.

# 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

### 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.



### 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.

# 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°

### 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



### 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.

### COMPATIBLE BUCKET SIZES

TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.

9" backhoe bucket	12" backhoe bucket
16" backhoe bucket	18" backhoe bucket

# Upgrades for the Series 1 T194

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

## ACCESSORIES

Front counterweights

Mulching kits

Block heater

Auxiliary hydraulic kit

Rear wiper kit

T50A Mechanical Thumbs



## OPTIONS

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



# 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.

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