

# T254

**Sub-Compact, Series 1**  
**23.9 hp**



# A sub-compact tractor engineered for productivity inside and out

The T254 tractor is proof that great things can indeed come in small packages. Offering enhanced power without sacrificing maneuverability, this reliable sub-compact tractor is equipped with a powerful engine and ergonomic operator controls for both performance and comfort.



1. Linkage for optional loader



3. Foldable ROPS or all-weather cabin



2. 2-range HST



4. Throttle lever



5. Ergonomic seating



6. Large-volume fuel tank



### Ergonomic features for enhanced productivity

A wide operator cabin with a flat floor offers good visibility and ample leg room, promoting comfortable operation. All controls are within arm's reach, including a dial to control the cutting height of the mid-mount attachment. 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. These features make this tractor easy to operate, even for novice drivers.



### 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 stabilized temperature more effectively while the tractor is running. The engine is also Tier 4 certified, including for noise emission standards.



### 2-range HST for smooth operation

Accompanied by the power steering, the responsive 2-range hydrostatic controls on this tractor ensures a smooth ride. It reduces the need for operator effort, particularly while operating the optional front-end and rear implements.



### 3-point hitch with powerful lift capacity

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



### Mid-mount linkage for mowing attachments

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 you can tackle overgrowth more efficiently.



### Foldable ROPS for low-ceiling structures

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





### 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 attachments at the prescribed speed.



### HST for infinitely variable drive speed

Responsive hydrostatic controls offers 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 3TNV80F
Type	Natural aspiration
Gross engine power	23.9 hp   17.8 kW
PTO power	18.8 hp   14.0 kW
Rated engine speed	3000 rpm
No. of cylinders	3
Displacement	77.3 cu. in.   1267 cc
Air cleaner	Single dry
Alternator	12V, 40A
Fuel system	IDI
POWERTRAIN	
Transmission type	HST
No. of speeds	Infinite 2-Range
Max. traveling speed	11.0 mph   17.7 kmph
Brakes	Wet disc
Steering	Hydrostatic
Clutch	N/A
CAPACITIES	
Fuel tank	5.8 gal   22 L
Coolant	3.8 qt   3.6 L
Crankcase	2.9 qt   2.7 L
Transmission/Hydraulics system	3.7 gal   14 L
Front axle	3.7 qt   3.5 L

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540 rpm
HYDRAULIC SYSTEM	
Pump type	Single gear pump
Implement flow	4.2 gpm   15.8 L/min
Steering flow	2.8 gpm   10.5 L/min
Total flow	6.9 gpm   26.3 L/min
Category, 3-point hitch	I (N)
Hitch lift capacity	1214 lb   551 kg
Hitch lift capacity at 24 inches behind link ends	1101 lb   499 kg
Lift control type	Position
No. of standard remote valves	Optional (1)
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	100.5 in.   2553 mm
Overall width	45.8 in.   1164 mm
Wheelbase	57.5 in.   1460 mm
Height to top of ROPS	91.3 in.   2320 mm
Height to top of cabin	-
Min. ground clearance	9.4 in.   240 mm
Min. turn radius with brakes	88.58 in.   2250 mm
Min. turn radius without brakes	100 in.   2540 mm
Weight with ROPS	1638 lb   743 kg
Weight with cab	-
STANDARD TIRES	
R1 Agricultural - Front	6.0-12
R1 Agricultural - Rear	9.5-16
R3 Turf - Front	Turf Master 20x8.00-10 NHS TL 4PR
R3 Turf - Rear	Multi-Trac CS 29x12.50-15 NHS TL 4PR
R4 Industrial - Front	Trac Chief 20x8.00-10 NHS TL 4PR
R4 Industrial - Rear	Trac Chief 27x12.5-15 NHS TL 4PR

# TX25P Front-End Loader

## Attachments

Enhance the functionality of your TYM sub-compact tractor with the TX25P front-end loader. With impressive lift capacity and height, this TYM front-end loader can help you lift, move and handle material more effectively.

Lift height	75 in.   1905 mm
Lift capacity at pivot point (max. height)	948 lb   430 kgf
Bucket capacity	6 cu. ft   0.17 cu. m

CAPACITIES & REACH	
Lift height	75 in.   1905 mm
Max. lift height under level bucket	68.9 in.   1749 mm
Clearance with bucket dumped	54.3 in.   1378 mm
Reach at maximum lift height	24 in.   610 mm
Max. dump angle	40°
Reach with bucket on ground	54 in.   1372 mm
Max. rollback angle	18°
Digging depth	4.3 in.   108 mm
Lift capacity at pivot point (max. height)	948 lb   430 kgf
Breakout force at ground level, pivot pins	1680 lb   720 kgf
Bucket rollback force at ground line	926 lb   420 kgf
Bucket capacity	6 cu. ft   0.17 cu. m
Self leveling	NA
Relief valve setting (loader control valve)	2205 psi   155 kg/sq. cm
Compatible bucket sizes	66" Front-end loader bucket



DIMENSIONS & WEIGHTS	
Overall height in carry position	41.4 in.   1052 mm
Depth of Attachment (to the back of the inner shell)	18.4 in.   467 mm
Height of Attachment	19.1 in.   484 mm
Length of Attachment (to pivot pin)	24.1 in.   613 mm
Weight of boom & quick attach mechanism (1)	284.4 lb   129 kg
Weight of mounting frame (2)	119 lb   54 kg
Weight of bucket (3)	145.5 lb   66 kg
Loader total weight (1+2+3)	549 lb   249 kg
Lift cylinder	1.8 × 1.2 in.   45 × 30 mm
Bucket cylinder	1.6 × 1.0 in.   40 × 25 mm
Attachment used for specification	52 in.   1320 mm
CYCLE TIMES	
Boom raising time	4.2 sec
Boom lowering time	2.6 sec
Bucket rollback time	1.8 sec
Bucket dumping time	2.9 sec
COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
50" Front-End Loader bucket	

# MM60R Mid-Mount Mower

## Attachments

Built with 60-inch working width cutting deck and 5.12-inch transport height, the TYM MM60R mid-mount mower attachment is designed to optimize your cutting time and improve cut quality.

Blade velocity	18362 fpm
Blade length	20.8 in.   528.3 mm
Working width	60 in.   1524 mm

PERFORMANCE	
No. of blades	3 EA
Blade velocity	18362 fpm
Blade length	20.8 in.   528.3 mm
Power rating	20-25 hp   14.9-18.6 kW
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	0.5 in.   12.7 mm
Dial gauge total gab	3 in.   76.2 mm
Universal joint	Ø21.6 × 525 L
Wheel	4 EA
Assistant wheel	1 EA
Belt	V-Belt
Color	RED
Deck thickness	0.13 in.   3.3 mm



DIMENSIONS & WEIGHTS	
Working width	60 in.   1524 mm
Length	1.5 in.   38.2 mm
Width	2.9 in.   74.3 mm
Height	0.3 in.   7.2 mm
Weight	272 lb   123.4 kg
Cutting height	1 - 4 in.   25.4 - 101.6 mm
Transport height	5.12 in.   130 mm

# TB60 Backhoe

## Attachments

The TYM TB60 backhoe attachment is engineered to maximize the efficiency and enhance the productivity of your Series 1 sub-compact tractor.

Digging depth	75.6 in.   1920 mm
Loading height	62.7 in.   1592 mm
Backhoe reach	107.9 in.   2740 mm

PERFORMANCE	
Digging depth	75.6 in.   1920 mm
Loading height	62.7 in.   1592 mm
Max. leveling angle	10°
Angle of departure	20°
CAPACITIES & REACH	
Backhoe reach	107.9 in.   2740 mm
Swing angle	140°
Bucket rotation	180°
Stabilizer spread (lowered position)	70 in.   1778 mm
Stabilizer spread (raised position)	55.4 in.   1407 mm



DIMENSIONS & WEIGHTS	
Transport overhang	38.9 in.   990 mm
Transport height (max.)	71.1 in.   1806 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	
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, T254

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

## Accessories

Block heater
Auxiliary hydraulic kit
BHPAD100 Street Pads
Rear wiper kit
Loader quick attach kit
Front counterweights
Mulching kits
T65A Mechanical Thumbs



## Options

Tire	R3 Turf Tires	F Turf Master 20x8.00 - 10 NHS TL 4PR	R Multi-Trac CS 29x12.50-15 NHS TL 4PR
Tire	R4 Industrial Tires	F Trac Chief 20x8.00 - 10 NHS TL 4PR	R Trac Chief 27x12.5-15 NHS TL 4PR
Tire	R4 Lg Industrial Tires	F Trac Chief 23x8.50 - 12 NHS TL 4PR	R Trac Chief 12-16.5 NHS TL 6PR
Cabin	CAB254		



# 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](http://www.tym.world)