

# T255

Sub-Compact, Series 1

25.3 hp



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

The T1025 (T255) tractor is proof that great things can indeed come in small packages. Offering enhanced power without sacrificing maneuverability, it's equipped with a powerful engine and ergonomic operator controls, ensuring both performance and comfort.



1. Linkage for optional loader



3. Foldable ROPS



5. Ergonomic seating



2. 2-range hydrostatic transmission (HST)



4. Throttle lever



6. Large-volume fuel tank



### Ergonomic features for enhanced productivity

A spacious open station 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 implement. 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 Stage V 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 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.



### 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 implements

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 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 3TNV76-UD
Type	Natural aspiration
Gross engine power	25.3 hp   18.9 kW
PTO power	SS: 17.3 hp   13.0 kW / HST: 18.7 hp   14.0 kW
Rated engine speed	2800 rpm
No. of cylinders	3
Displacement	1116 cc   68.1 cu. in.
Air cleaner	Single dry
Alternator	12V, 40A
Fuel system	IDI

POWERTRAIN	
Transmission type	Synchro-shuttle / HST
No. of speeds	SS: F6 x R2 HST: 2-Range
Max. traveling speed	SS: 16.6 km/h   10.3 mph HST: 16.9 km/h   10.5 mph
Brakes	Wet disc
Steering	Hydrostatic
Clutch	Dry single plate

CAPACITIES	
Fuel tank	22 L   5.8 gal
Coolant	3.6 L   3.8 qt
Crankcase	2.7 L   2.9 qt
Transmission/Hydraulics system	14 L   3.7 gal
Front axle	3.5 L   3.7 qt

PTO	
PTO type	Transmission PTO w/ ORC/ 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	10.5 L/min   2.8 gpm
Total flow	26.3 L/min   6.9 gpm
Category, 3-point hitch	I (N)
Hitch lift capacity	551 kg   1214 lb
Hitch lift capacity at 24 inches behind link ends	499 kg   1101 lb
Lift control type	Position
No. of standard remote valves	0-2

DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	2668 mm   100.5 in.
Overall width	1286 mm   50.6 in.
Wheelbase	1460 mm   57.5 in.
Height to top of ROPS	2320 mm   91.3 in.
Height to top of Cabin	-
Min. ground clearance	240 mm   9.4 in.
Min. turn radius with brakes	2250 mm   88.6 in.
Min. turn radius without brakes	2540 mm   100 in.
Weight with ROPS	843 kg   1858.5 lb
Weight with cab	-

STANDARD TIRES	
R1 Agricultural - Front	6.0-12 4PR
R1 Agricultural - Rear	9.5-16 6PR
R4 Industrial - Front	20x8.0-10 4PR
R4 Industrial - Rear	27x12.5-15 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	1905 mm   75 in.
Lift capacity at pivot point (max. height)	430 kgf   948 lb
Bucket capacity	0.17 cu. m   6 cu. ft

### CAPACITIES & REACH

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

### 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



### DIMENSIONS & WEIGHTS

Overall height in carry position	1052 mm   41.4 in.
Depth of Attachment (to the back of the inner shell)	467 mm   18.4 in.
Height of Attachment	484 mm   19.1 in.
Length of Attachment (to pivot pin)	613 mm   24.1 in.
Weight of boom & quick attach mechanism (1)	129 kg   284.4 lb
Weight of mounting frame (2)	54 kg   119 lb
Weight of bucket (3)	66 kg   145.5 lb
Loader total weight (1+2+3)	249 kg   549 lb
Lift cylinder	45 × 30 mm   1.8 × 1.2 in.
Bucket cylinder	40 × 25 mm   1.6 × 1.0 in.
Attachment used for specification	1320 mm   52 in.

### 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	528.3 mm   20.8 in.
Working width	1524 mm   60 in.

### PERFORMANCE

No. of blades	3 EA
Blade Velocity	18362 fpm
Blade Length	528.3 mm   20.8 in.
Power Rating	14.9-18.6 kW   20-25 hp

### DIMENSIONS & WEIGHTS

Working width	1524 mm   60 in.
Length	38.2 mm   1.5 in.
Width	74.3 mm   2.9 in.
Height	7.2 mm   0.3 in.
Weight	123.4 kg   272 lb
Cutting height	25.4 - 101.6 mm   1 - 4 in.
Transport height	130 mm   5.12 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 × 525 L
Wheel	4 EA
Assistant wheel	1 EA
Belt	V-Belt
Color	RED
Deck thickness	3.3 mm   0.13 in.

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

### PERFORMANCE

Digging depth	1920 mm   75.6 in.
Loading height	1592 mm   62.7 in.
Max. leveling angle	10°
Angle of departure	20°

### DIMENSIONS & WEIGHTS

Transport overhang	990 mm   38.9 in.
Transport height (max.)	1806 mm   71.1 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	2740 mm   107.9 in.
Swing angle	140°
Bucket rotation	180°
Stabilizer spread (lowered position)	1778 mm   70 in.
Stabilizer spread (raised position)	1407 mm   55.4 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 T255

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

## ACCESSORIES

Front counterweights

Mulching kits



## OPTIONS

Tire	R1 Agricultural Tires	F 6.0 - 12	R 9.5-16
Tire	R4 Industrial Tires	F 20x8.0 - 10	R 27x12.5-15



# 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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