

T255

Sub-Compact, Series 1
25.3 hp



A sub-compact tractor engineered for productivity inside and out

The 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. 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 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 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



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.
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	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
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.



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.

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°
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.



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
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, 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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