## **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



5. Ergonomic seating



2. 2-range HST



4. Throttle lever



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 midmount 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.

## Technical specifications

| ENGINE              |                        |
|---------------------|------------------------|
| Engine manufacturer | Yanmar 3TNV80F         |
| Туре                | 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                  |

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|--------------------------------|----------------|
| 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 |
|                                |                |

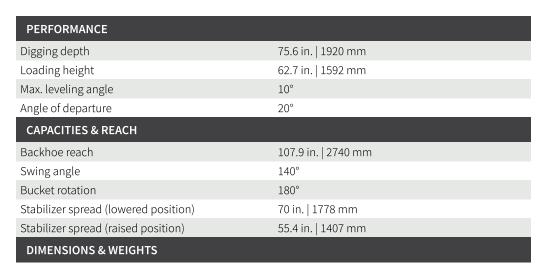
| РТО   |                                      |
|---|--------------------------------------|
| PTO type  | Independent                          |
| PTO control                                       | Electric/Hydro                       |
| PTO rear  | 540 rpm                              |
| HYDRAULIC 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     |

## 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 |





| 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.

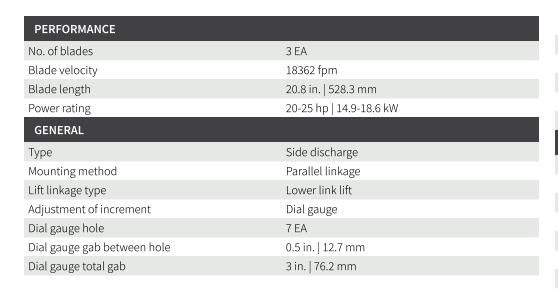
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## MM60R Mid-Mount Mower

#### **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    |





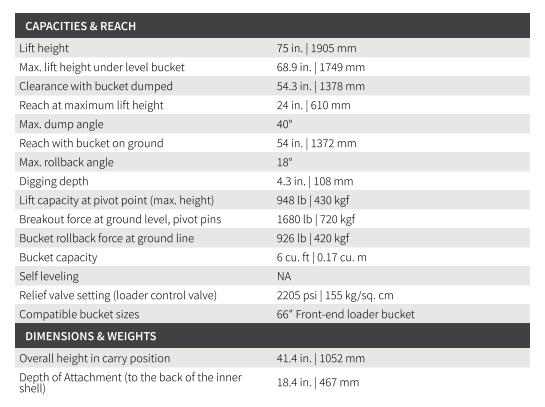
| Universal joint         | $\emptyset$ 21.6 $\times$ 525 L                            |
|-------------------------|--|
| Wheel                   | 4 EA   |
| Assistant wheel         | 1 EA   |
| Belt                    | V-Belt   |
| Color                   | RED  |
| Deck thickness          | 0.13 in.   3.3 mm  |
| DIMENSIONS & WEIGHTS    |  |
|                         |  |
| Working width           | 60 in.   1524 mm   |
| Working width<br>Length | 60 in.   1524 mm<br>1.5 in.   38.2 mm                      |
| •                       |  |
| Length                  | 1.5 in.   38.2 mm  |
| Length<br>Width         | 1.5 in.   38.2 mm<br>2.9 in.   74.3 mm                     |
| Length Width Height     | 1.5 in.   38.2 mm<br>2.9 in.   74.3 mm<br>0.3 in.   7.2 mm |

### TX25P Front-End Loader

#### **Attachments**

Enhance the functionality of your TYM sub-compact tractor with the TX25P frontend 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 |





| 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                               | $1.8 \times 1.2$ in.   45 $\times$ 30 mm |
| Bucket cylinder                             | $1.6 \times 1.0$ in.   $40 \times 25$ 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

## 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