

# 5025R

Compact, Series 3  
47 hp



# Packed with features to help accomplish your goals

High performance meets efficiency in this highly customizable Series 3 tractor that has the power to support your productivity.



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Rear work light



5. High-capacity fuel tank



6. Front-end loader joystick lever



### Eco-friendly TYM 4-cylinder Stage V engine

Equipped with a naturally aspirated engine designed and manufactured by TYM, the tractor is designed to be eco-friendly and fuel-efficient but makes no compromise on performance and reliability.



### Tilt steering wheel

The tilt steering wheel allows operators to adjust the position of the steering wheel for a more comfortable driving experience.



### PTO on/off switch

Safety is always first. The PTO switch ensures the safe operation of all tractor attachments.



### Differential lock system & low turning angle

The differential lock system activated with easily accessible levers provides enhanced traction in slippery work environments. 52° turning angle makes operation in narrow areas much easier.



### Water-separating fuel filter

The water-separating fuel filter prevents foreign substances from entering the fuel, ensuring better engine start ability and preventing damage to the machine.



### Optional tires for versatile working conditions

In addition to standard agricultural tires, industrial, turf tires are also available for versatile working conditions.

# Technical specifications

| ENGINE                         |                         |
|--------------------------------|-------------------------|
| Engine manufacturer            | TYM A2300N2-ETR_5       |
| Type                           | Natural Aspiration      |
| Gross engine power             | 47 hp                   |
| PTO power                      | 42 hp   31.5 kW         |
| Rated engine speed             | 2600 rpm                |
| No. of cylinders               | 4                       |
| Displacement                   | 139.5 cu. in.   2286 cc |
| Air cleaner                    | Dry Element             |
| Alternator                     | 12V, 50A                |
| Fuel system                    | Water-cooled Diesel     |
| POWERTRAIN                     |                         |
| Transmission type              | Synchro                 |
| No. of speeds                  | F12xR12                 |
| Max. traveling speed           | 18.8 mph   30.2 kmph    |
| Brakes                         | Wet, Multi-disc         |
| Steering                       | Hydrostatic             |
| Clutch                         | Dry Single Plate        |
| CAPACITIES                     |                         |
| Fuel tank                      | 11.9 gal   45 L         |
| Coolant                        | 8.3 qt   7.9 L          |
| Crankcase                      | 4.7 qt   4.5 L          |
| Transmission/Hydraulics system | 10.3 gal   39 L         |
| Front axle                     | 1.9 qt   7.2 L          |

| PTO   |                       |
|---|-----------------------|
| PTO type  | Independent           |
| PTO control                                       | Electric/hydro        |
| PTO rear  | 584/791 rpm           |
| HYDRAULIC SYSTEM                                  |                       |
| Pump type   | Gear Pump             |
| Implement flow                                    | 11.4 gpm   43.2 l/min |
| Steering flow                                     | 5 gpm   18.9 l/min    |
| Total flow  | 16.4 gpm   62.1 l/min |
| Category, 3-point hitch                           | I                     |
| Hitch lift capacity                               | 3306 lb   1500 kg     |
| Hitch lift capacity at 24 inches behind link ends | 2425 lb   1100 kg     |
| Lift control type                                 | Position/Draft        |
| No. of standard remote valves                     | 4 / 4                 |
| DIMENSIONS & WEIGHTS                              |                       |
| Overall length with 3-point hitch                 | 134.3 in.   3421 mm   |
| Overall width                                     | 64.9 in.   1650 mm    |
| Wheelbase   | 71.1 in.   1806 mm    |
| Height to top of ROPS                             | 98 in.   2489 mm      |
| Min. ground clearance                             | 15.4 in.   391 mm     |
| Min. turn radius without brakes                   | 110.2 in.   2800 mm   |
| Weight with ROPS                                  | 3792 lb   1720 kg     |
| STANDARD TIRES                                    |                       |
| R1 Agricultural - Front                           | 9.5-16                |
| R1 Agricultural - Rear                            | 13.6-26               |
| R3 Turf - Front                                   | 29x12.5-15            |
| R3 Turf - Rear                                    | 44x18-20              |
| R4 Industrial - Front                             | 10-16.5 / 12-16.5     |
| R4 Industrial - Rear                              | 420/70-24 / 17.5L-24  |



# BL25SL Front-End Loader

## Attachments

The BL25SL compliments your compact utility tractor's capabilities and versatility. With enhanced features, the BL25SL delivers impressive performance without compromising safety.



|                 |                         |
|-----------------|-------------------------|
| Lift height     | 108 in. / 2743 mm       |
| Lift capacity   | 2531 lb / 1148 kgf      |
| Bucket capacity | 8.8 cu. ft / 0.25 cu. m |

| CAPACITIES & REACH                           |                          |
|--|--------------------------|
| Lift height                                  | 108 in.   2743 mm        |
| Max. lift height under level bucket          | 99.4 in.   2525 mm       |
| Clearance with bucket dumped                 | 79.8 in.   2028 mm       |
| Reach at maximum lift height                 | 14.8 in.   377 mm        |
| Max. dump angle                              | 56°                      |
| Reach with bucket on ground                  | 68.8 in.   1748 mm       |
| Max. rollback angle                          | 48°                      |
| Digging depth                                | 3 in.   76 mm            |
| Lift capacity                                | 2531 lb   1148 kgf       |
| Breakout force at ground level, pivot points | 3642 lb   1652 kgf       |
| Bucket rollback force at ground line         | 3576 lb   1622 kgf       |
| Bucket capacity                              | 8.8 cu. ft   0.25 cu. m  |
| Self leveling                                | NA                       |
| Relief valve setting (Loader control valve)  | 2532 psi   178 kg/sq. cm |

| DIMENSIONS & WEIGHTS                                 |                        |
|--|------------------------|
| Overall height in carry position                     | 60 in.   1523 mm       |
| Depth of Attachment (to the back of the inner shell) | 21.1 in.   536 mm      |
| Height of Attachment                                 | 20.5 in.   520 mm      |
| Length of Attachment (to pivot point)                | 28.6 in.   726 mm      |
| Weight of boom & quick attach mechanism (1)          | 657 lb   298 kg        |
| Weight of mounting frame (2)                         | 284 lb   129 kg        |
| Weight of bucket (3)                                 | 254 lb   115 kg        |
| Loader total weight (1+2+3)                          | 1194 lb   542 kg       |
| Lift cylinder  | 2.2X1.2 in.   55X30 mm |
| Bucket cylinder                                      | 2.2X1.2 in.   55X30 mm |
| Attachment used for specification                    | 69 in.   1740 mm       |

| CYCLE TIMES          |         |
|----------------------|---------|
| Boom raising time    | 3.5 sec |
| Boom lowering time   | 2.4 sec |
| Bucket rollback time | 1.8 sec |
| Bucket dumping time  | 2.6 sec |

# BH250 Backhoe

## Attachments

For heavy duty tasks, you can depend on TYM BH250 to deliver performance and power. Built to take advantage of the features of TYM Series 3 compact tractors, the TYM BH250 backhoe attachment is ideal for applications that require the extra power.

|                |                     |
|----------------|---------------------|
| Digging depth  | 103.2 in. / 2621 mm |
| Loading height | 92.4 in. / 2347 mm  |
| Backhoe reach  | 134.4 in. / 3414 mm |

### CAPACITIES & REACH

|                                      |                     |
|--------------------------------------|---------------------|
| Backhoe reach                        | 134.4 in.   3414 mm |
| Swing angle                          | 180°                |
| Bucket rotation                      | 151°                |
| Stabilizer spread (lowered position) | 88.8 in.   2256 mm  |
| Stabilizer spread (raised position)  | 68.4 in.   1737 mm  |

### PERFORMANCE

|                     |                     |
|---------------------|---------------------|
| Digging depth       | 103.2 in.   2621 mm |
| Loading height      | 92.4 in.   2347 mm  |
| Max. leveling angle | 10°                 |
| Angle of departure  | 21°                 |



### DIMENSIONS & WEIGHTS

|                         |                    |
|-------------------------|--------------------|
| Transport overhang      | 50.4 in.   1280 mm |
| Transport height (max.) | 91.2 in.   2317 mm |

### 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 |
| 24" backhoe bucket | 36" backhoe bucket |

# Upgrades for the Series 3, 5025R

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

## Accessories



## Options

|      |                       |                |             |
|------|-----------------------|----------------|-------------|
| Tire | R1 Agricultural Tires | F 9.5 - 16     | R 13.6-26   |
| Tire | R3 Turf Tires         | F 29x12.5 - 15 | R 44x18-20  |
| Tire | R4 Industrial Tires   | F 10 - 16.5    | R 420/70-24 |
| Tire | R4 Industrial Tires   | F 12 - 16.5    | R 17.5L-24  |



# 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)