

# 5825

Compact, Series 3

54.3 hp



# A high-performance compact tractor built to take on challenges of all sizes

Superior performance meets high efficiency in this customizable Series 3 tractor. The 5825 can be configured to suit your needs and equipped with features designed to ensure your productivity and comfort throughout tasks of varying intensities.



1. Hood design



3. Ergonomic lever



5. High-capacity fuel tank



2. Comfortable suspension seat



4. Rear work light



6. Joystick control for front-end loader



### Eco-friendly TYM 4-cylinder engine

Equipped with a naturally aspirated engine designed and manufactured by TYM, the tractor is designed to be eco-friendly and fuel-efficient without compromising on performance.



### 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 a top priority. The PTO switch ensures secure operation of all tractor attachments.



### Differential lock system and low turning angle

The differential lock system, activated with easily accessible levers, provides enhanced traction in slippery work environments, while a 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 starting performance and preventing damage to the machine.

# Technical specifications

ENGINE	
Engine manufacturer	TYM T2300T2-R
Type	Turbo Charger
Gross engine power	54.3 hp   40 kW
PTO power	47.4 hp   34.9 kW
Rated engine speed	2600 rpm
No. of cylinders	4
Displacement	2287 cc   139.5 cu. in.
Air cleaner	Dry type, Double element
Alternator	12V, 50A
Fuel system	Water-cooled diesel
POWERTRAIN	
Transmission type	Synchromesh
No. of speeds	F12 x R12
Max. traveling speed	30.3 km/h   18.8 mph
Brakes	Wet disc
Steering	Hydrostatic
Clutch	Dry type, double element
CAPACITIES	
Fuel tank	45 L   11.9 gal
Coolant	7.9 L   8.4 qt
Crankcase	4.5 L   4.8 qt
Transmission/Hydraulics system	42 L   11.1 gal
Front axle	7.2 L   7.6 qt

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540/540E rpm
HYDRAULIC SYSTEM	
Pump type	Gear pump
Implement flow	40.5 L/min   10.7 gpm
Steering flow	18.9 L/min   5 gpm
Total flow	59.4 L/min   15.7 gpm
Category, 3-point hitch	II
Hitch lift capacity	1500 kg   3307 lb
Hitch lift capacity at 24 inches behind link ends	1100 kg   2425 lb
Lift control type	Position
No. of standard remote valves	4/4
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	3500 mm   137.8 in.
Overall width	1500 mm   59.1 in.
Wheelbase	1820 mm   71.7 in.
Height to top of ROPS	2520 mm   99.2 in.
Height to top of cabin	-
Min. ground clearance	335 mm   13.2 in.
Min. turn radius with brakes	2907 mm   114.4 in.
Min. turn radius without brakes	3387 mm   133.3 in.
Weight with ROPS	1720 kg   3792 lb
Weight with cab	-
STANDARD TIRES	
R1 Agricultural - Front	9.5-16
R1 Agricultural - Rear	13.6-26

# 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.



PERFORMANCE	
Digging depth	2621 mm   103.2 in.
Loading height	2347 mm   92.4 in.
Max. leveling angle	10°
Angle of departure	21°
CAPACITIES & REACH	
Backhoe reach	3414 mm   134.4 in.
Swing angle	180°
Bucket rotation	151°
Stabilizer spread (lowered position)	2256 mm   88.8 in.
Stabilizer spread (raised position)	1737 mm   68.4 in.

DIMENSIONS & WEIGHTS	
Transport overhang	2317 mm   91.2 in.
Transport height (max.)	2164 mm   85.2 in. 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	24" backhoe bucket
Compatible bucket sizes	36" backhoe bucket

COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
Large_09	Large_12
Large_16	Large_18
Large_24	Large_36

# 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.



CAPACITIES & REACH	
Lift height	2743 mm   108 in.
Max. lift height under level bucket	2525 mm   99.4 in.
Clearance with bucket dumped	2028 mm   79.8 in.
Reach at maximum lift height	377 mm   14.8 in.
Max. dump angle	56°
Reach with bucket on ground	1748 mm   68.8 in.
Max. rollback angle	48°
Digging depth	76 mm   3 in.
Lift capacity at pivot point (max. height)	1148 kgf   2531 lb
Breakout force at ground level, pivot pins	1652 kgf   3642 lb
Bucket rollback force at ground line	1622 kgf   3576 lb
Bucket capacity	0.25 cu. m   8.8 cu. ft
Relief valve setting (loader control valve)	178 kg/sq. cm   2532 psi
Compatible bucket sizes	66" Front-end loader bucket

DIMENSIONS & WEIGHTS	
Overall height in carry position	1523 mm   60 in.
Depth of Attachment (to the back of the inner shell)	536 mm   21.1 in.
Height of Attachment	520 mm   20.5 in.
Length of Attachment (to pivot pin)	520 mm   20.5 in.
Weight of boom & quick attach mechanism (1)	298 kg   657 lb
Weight of mounting frame (2)	129 kg   284 lb
Weight of bucket (3)	115 kg   254 lb
Loader total weight (1+2+3)	542 kg   1194 lb
Lift cylinder	55 × 30 mm   2.2 × 1.2 in.
Bucket cylinder	55 × 30 mm   2.2 × 1.2 in.
Attachment used for specification	1740 mm   69 in.
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

# Upgrades for the Series 3, 5825

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
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# 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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