

5025

Compact, Series 4
48 hp



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

Superior performance meets high efficiency in this customizable Series 4 tractor. The 5025 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 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 without compromising on performance.



Differential lock system and low turning angle

Differential lock system and low turning angle activated with easily accessible levers, provides enhanced traction in slippery work environments, while a 52° turning angle makes operation in narrow areas much easier.



Tilt steering wheel

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



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.



PTO on/off switch

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



Optional tires for various working conditions

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

Technical specifications

ENGINE	
Engine Manufacturer	TYM T2300N2
Type	Natural aspiration
Gross engine power	48 hp 36 kW
PTO power	41.3 hp 31 kW
Rated engine speed	2600 rpm
No. of cylinders	4
Displacement	2287 cc 139.5 cu. in.
Air cleaner	Dry element
Alternator	12V, 50A
Fuel system	Water-cooled diesel

POWERTRAIN	
Transmission type	5025R: Synchro-shuttle 5025H: HST
No. of speeds	5025R: F12 x R12 5025H: 3-Range
Max. traveling speed	5025R: 28.8 km/h 17.9 mph 5025H: 28.7 km/h 17.8 mph
Brakes	Wet, Multi disc
Steering	Hydrostatic
Clutch	Dry single plate N/A

CAPACITIES	
Fuel tank	45 L 11.9 gal
Coolant	7.9 L 8.3 qt
Crankcase	4.5 L 4.7 qt
Transmission/Hydraulics system	5025R: 39 L 10.3 gal 5025H: 42 L 11.1 gal
Front axle	6.4 L 6.8 qt

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540/540E rpm

HYDRAULIC SYSTEM	
Pump type	Gear pump
Implement flow	43.2 L/min 11.4 gpm
Steering flow	19.4 L/min 5.2 gpm
Total flow	62.6 L/min 16.5 gpm
Category, 3-point hitch	I
Hitch lift capacity	1456 kg 3210 lb
Hitch lift capacity at 24 inches behind link ends	937 kg 2066 lb
Lift control type	Position/Draft
No. of standard remote valves	4/4

DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	3421 mm 134.3 in.
Overall width	1814 mm 71.4 in.
Wheelbase	1806 mm 71.1 in.
Height to top of ROPS	5025R: 2500 mm 98.4 in. 5025H: 2463 mm 97.0 in.
Height to top of Cabin	-
Min. ground clearance	391 mm 15.4 in.
Min. turn radius with brakes	2390 mm 94.1 in.
Min. turn radius without brakes	2850 mm 112.2 in.
Weight with ROPS	5025R: 1795 kg 3957.3 lb 5025H: 1802 kg 3972.7 lb
Weight with cab	-

STANDARD TIRES	
R1 Agricultural - Front	1: 7-16 6PR 2: 8-16 4PR 3: 8-18 8PR 4: 9.5-16 6PR
R1 Agricultural - Rear	1: 12.4-24 6PR 2: 13.6-24 8PR 3: 13.6-24 8PR 4: 13.6-26 8PR
R3 Turf - Front	1: 27x8.5x15 2: 29x12.5-15
R3 Turf - Rear	1: 41x14x20 2: 44x18x20
R4 Industrial - Front	1: 305/70-16 2: 265/70-16.5 3: 200/70R16 4: 200/70R16 5: 200/70R16 6: 240/70R16 7: 240/70R16 8: 240/70R16 9: 240/70R16 10: 260/70R16 11: 260/70R16 12: 260/70R16 13: 260/70R16 14: 280/70R16 15: 280/70R18 16: 280/70R18
R4 Industrial - Rear	1: 17.5L24 6PR 2: 420/70R24 3: 320/70R20 4: 320/70R24 5: 320/85R24 6: 340/85R24 7: 320/70R20 8: 320/85R24 9: 360/70R20 10: 340/85R24 11: 360/70R20 12: 360/70R24 13: 380/70R20 14: 380/70R24 15: 380/70R24 16: 380/70R28

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

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

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.

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°

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

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.

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 4 5025

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	R4 Industrial Tires	F 12 - 16.5	R 17.5L-24
Tire	R3 Turf Tires	F 29x12.5 - 15	R 44x18-20
Tire	R4 Industrial Tires	F 10 - 16.5	R 420/70-24



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.

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