

5025CH

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



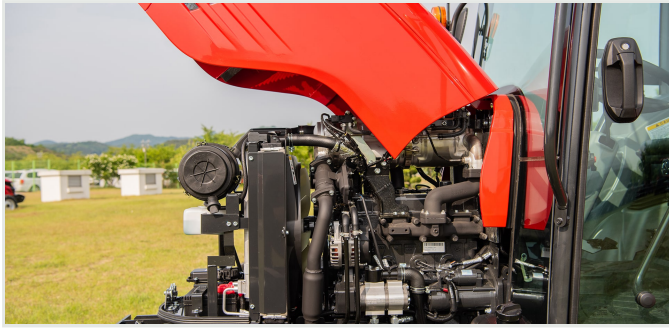
4. Highly responsive forward & reverse HST (5025CH)



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.



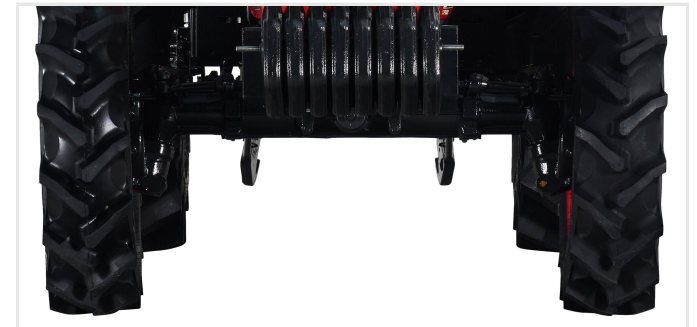
Differential lock system & low turning angle

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-ETC_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, 70A
Fuel system	Water-cooled Diesel
POWERTRAIN	
Transmission type	Synchro
No. of speeds	3-Range
Max. traveling speed	18.9 mph 30.4 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	10.7 gpm 40.5 l/min
Steering flow	5 gpm 18.9 l/min
Total flow	15.7 gpm 59.4 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	97 in. 2463 mm
Min. ground clearance	15.4 in. 391 mm
Min. turn radius without brakes	110.2 in. 2800 mm
Weight with cab	4301.2 lb 1951 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, 5025CH

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