4820H

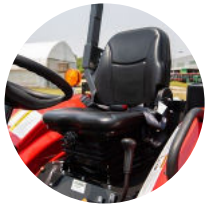
Compact, Series 3
48 hp

TYM

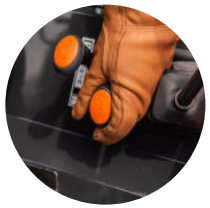
Packed with features to help accomplish your goals

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

1. Hood design



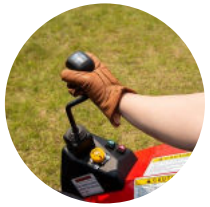
2. Comfortable suspension seat



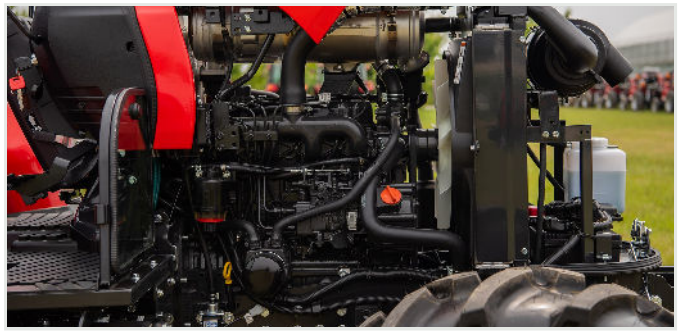
3. Ergonomic lever

4. Rear work light

5. High-capacity fuel tank



6. Front-end loader joystick lever



Eco-friendly TYM Tier-IV 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

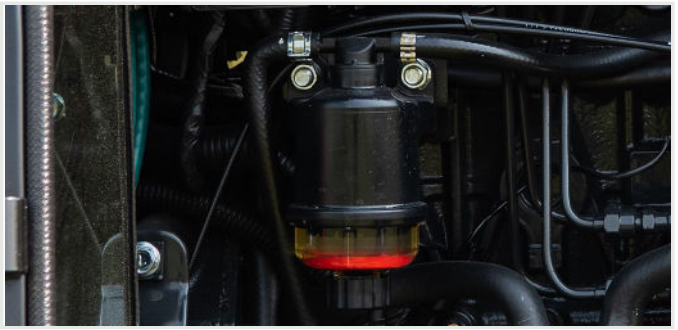
The tilt steering wheel allows operators to adjust the position of the steering wheel for a more comfortable driving experience.

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
Type	Natural Aspiration
Gross engine power	48 hp
PTO power	38.4 hp | 28.6 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	IDI
POWERTRAIN	
Transmission type	HST
No. of speeds	F4xR4 (4-Range)
Max. traveling speed	19.5 mph | 31.4 kmph
Brakes	Wet, Multi-disc
Steering	Hydrostatic
Clutch	Dry Single Type (N/A)
CAPACITIES	
Fuel tank	11.8 gal | 45 L
Coolant	8.3 qt | 7.8 L
Crankcase	4.5 qt | 4.3 L
Transmission/Hydraulics system	11.1 gal | 42 L
Front axle	1.8 qt | 1.7 L

PTO	
PTO type	Independent
PTO control	Wet, Multi-disc
PTO rear	584 rpm
HYDRAULIC SYSTEM	
Pump type	Single Gear Pump
Implement flow	4.4 gpm | 16.6 l/min
Steering flow	9.9 gpm | 37.5 l/min
Total flow	14.3 gpm | 54.1 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
No. of standard remote valves	Optional (Up to 4)
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	127.4 in. | 3236 mm
Overall width	64.9 in. | 1648.5 mm
Wheelbase	71.1 in. | 1806 mm
Height to top of ROPS	98.4 in. | 2500 mm
Min. ground clearance	15.5 in. | 393.7 mm
Min. turn radius with brakes	9.2 ft | 2.8 m
Min. turn radius without brakes	9.2 ft | 2.8 m
Weight with ROPS	3831 lb | 1737.7 kg
STANDARD TIRES	
R1 Agricultural - Front	9.5-16
R1 Agricultural - Rear	13.6-26
R3 Turf - Front	27x8.5-15 / 29x12.5-15
R3 Turf - Rear	41x14-20 / 44x18-20
R4 Industrial - Front	12-16.5
R4 Industrial - Rear	17.5Lx24

BL200 Front-End Loader

Attachments

The BL200 front-end loader takes advantage of the power and durability of TYM compact tractors. Ideal for tasks that require more strength, this front-end loader can help you get your tasks done more efficiently.

Lift height	106.6 in. / 2709 mm
Lift capacity	2701 lb / 1225 kgf
Bucket capacity	9.5 cu. ft / 0.27 cu. m

CAPACITIES & REACH	
Lift height	106.6 in. | 2709 mm
Max. lift height under level bucket	98.1 in. | 2491 mm
Clearance with bucket dumped	78.2 in. | 1987 mm
Reach at maximum lift height	14.6 in. | 371 mm
Max. dump angle	58°
Reach with bucket on ground	69.2 in. | 1758 mm
Max. rollback angle	35°
Digging depth	3.1 in. | 78 mm
Lift capacity	2701 lb | 1225 kgf
Breakout force at ground level, pivot points	3660 lb | 1660 kgf
Bucket rollback force at ground line	2844 lb | 1290 kgf
Bucket capacity	9.5 cu. ft | 0.27 cu. m
Self leveling	NA
Relief valve setting (Loader control valve)	2532 psi | 178 kg/sq. cm

DIMENSIONS & WEIGHTS	
Overall height in carry position	50.9 in. | 1293 mm
Depth of Attachment (to the back of the inner shell)	20.9 in. | 530 mm
Height of Attachment	20.9 in. | 530 mm
Length of Attachment (to pivot point)	28.2 in. | 716 mm
Weight of boom & quick attach mechanism (1)	521 lb | 236 kg
Weight of mounting frame (2)	284 lb | 129 kg
Weight of bucket (3)	269 lb | 122 kg
Loader total weight (1+2+3)	1075 lb | 487 kg
Lift cylinder	2.2X1.2 in. | 55X30 mm
Bucket cylinder	2.0X1.2 in. | 55X30 mm
Attachment used for specification	72 in. | 1830 mm
CYCLE TIMES	
Boom raising time	4.3 sec
Boom lowering time	2.8 sec
Bucket rollback time	2.9 sec
Bucket dumping time	4.2 sec

BH200 Backhoe

Attachments

The BH200 complements the power and strength of the Series 3 compact tractors, enhancing performance and versatility without compromising safety.

Digging depth	91.2 in. / 2317 mm
Loading height	90 in. / 2286 mm
Backhoe reach	123.6 in. / 3140 mm

CAPACITIES & REACH	
Backhoe reach	123.6 in. | 3140 mm
Swing angle	180°
Bucket rotation	149°
Stabilizer spread (lowered position)	88.8 in. | 2256 mm
Stabilizer spread (raised position)	68.4 in. | 1737 mm
PERFORMANCE	
Digging depth	91.2 in. | 2317 mm
Loading height	90 in. | 2286 mm
Max. leveling angle	10°
Angle of departure	21°

DIMENSIONS & WEIGHTS	
Transport overhang	46.8 in. | 1189 mm
Transport height (max.)	85.2 in. | 2164 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

Upgrades for the Series 3, 4820H

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 27x8.5 - 15	R 41x14-20
Tire	R3 Turf Tires	F 29x12.5 - 15	R 44x18-20
Tire	R4 Industrial Tires	F 12 - 16.5	R 17.5Lx24

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