4820C

Compact, Series 3
48 hp

TYM

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

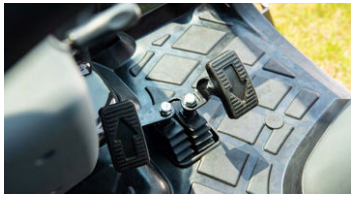
High performance meets high efficiency in this customizable Series 3 tractor. The 4820C can be configured as you see fit to drive productivity, and it's equipped with the features designed to maintain your comfort throughout tasks of varying intensities.

1. Hood design

3. Ergonomic lever

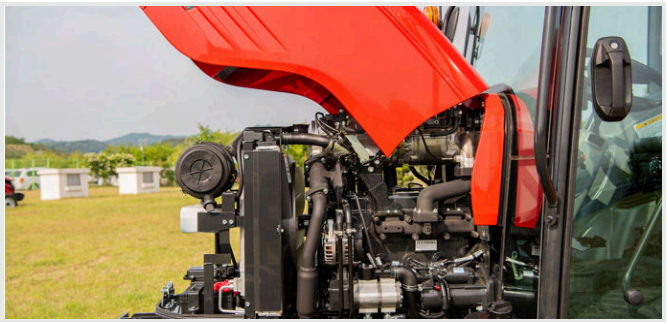
5. High-capacity fuel tank

2. Comfortable suspension seat



4. Responsive forward/reverse HST (4820CH)

6. Joystick control for front-end loader

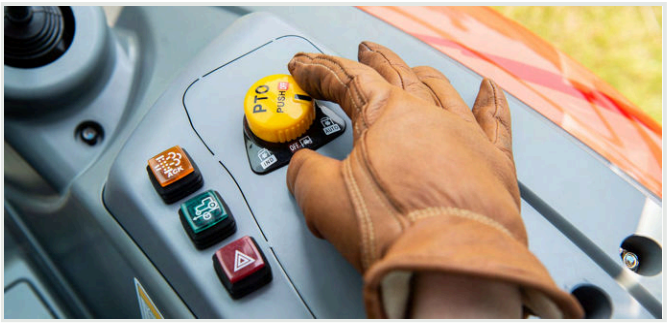


Eco-friendly TYM Tier 4 engine

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.

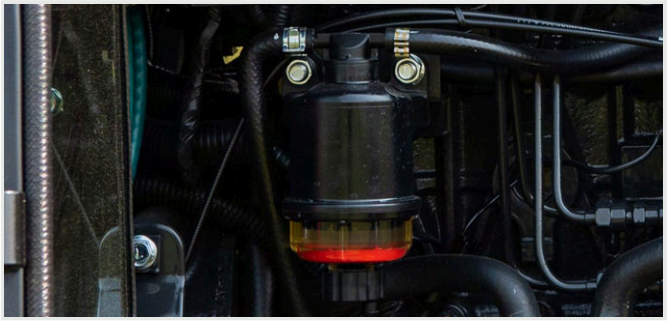


PTO on/off switch

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

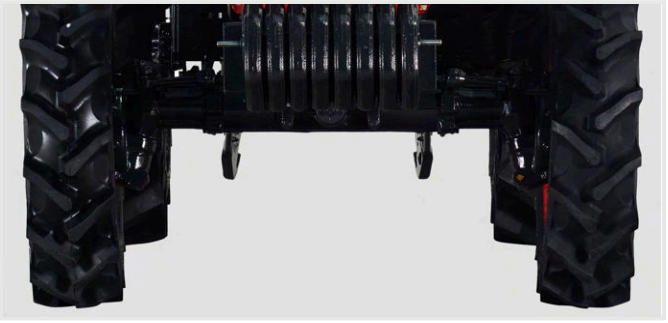
Differential lock systems & low turning angle

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.



Optional tires for various working conditions

In addition to standard agricultural tires, industrial and 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	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, 70A
Fuel system	IDI
POWERTRAIN	
Transmission type	4820C: Synchromesh 4820CH: HST
No. of speeds	4820C: F16 x R16 4820CH: 4-Range
Max. traveling speed	4820C: 16 mph | 25.7 km/h 4820CH: 19.5 mph | 31.4 km/h
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	4.8 qt | 4.5 L
Transmission/Hydraulics system	4820C: 10.3 gal | 39 L 4820CH: 11.1 gal | 42 L
Front axle	6.8 qt | 6.4 L

PTO	
PTO type	Independent
PTO control	Wet/Multi disc
PTO rear	540/750 rpm
HYDRAULIC SYSTEM	
Pump type	Dual gear pump
Implement flow	11.4 gpm | 43.2 L/min
Steering flow	5.2 gpm | 19.4 L/min
Total flow	16.5 gpm | 62.6 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	4 Port
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	127.4 in. | 3236 mm
Overall width	64.9 in. | 1650 mm
Wheelbase	71.1 in. | 1806 mm
Height to top of ROPS	-
Height to top of cabin	97 in. 2463 mm
Min. ground clearance	15.5 in. | 394 mm
Min. turn radius with brakes	(L) 97.2 in. | 2740 mm / (R) 105.1 in. | 2670 mm
Min. turn radius without brakes	(L) 128.7 in. | 3270 mm / (R) 126.0 in. | 3200 mm
Weight with cab	4349 lb | 1973 kg
Weight with ROPS	-
STANDARD TIRES	
R1 Agricultural - Front	9.5-16
R1 Agricultural - Rear	13.6-26
R3 Turf - Front	1: 27x8.5-15 2: 29x12.5-15
R3 Turf - Rear	1: 41x14-20 2: 44x18-20
R4 Industrial - Front	12-16.5
R4 Industrial - Rear	17.5Lx24

BL200C Front-End Loader

Attachments

The BL200C 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 at pivot point (max. height)	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 at pivot point (max. height)	2701 lb | 1225 kgf
Breakout force at ground level, pivot pins	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
Compatible bucket sizes	66" Front-end loader bucket

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 pin)	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	2.2 × 1.2 in. | 55 × 30 mm
Bucket cylinder	2.0 × 1.2 in. | 55 × 30 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

Upgrades for the Series 3, 4820C

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