# 4820



Compact, Series 4 48 hp



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

High performance meets high efficiency in this customizable Series 4 tractor. The 4820 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. Rear work light



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.



#### 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.



#### 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 and turf tires are also available for versatile working conditions.

# Technical specifications

ENGINE		
Engine manufacturer	TYM T2300N2	
Туре	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, 50A	
Fuel system	IDI	
POWERTRAIN		
Transmission type	4820R: Synchromesh 4820H: HST	
No. of speeds	4820R: F16 x R16 4820H: 4-Range	
Max. traveling speed	4820R: 16 mph   25.7 km/h 4820H: 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	6.2 qt   5.9 L	
Crankcase	4.8 qt   4.5 L	
Transmission/Hydraulics system	4820R: 10.3 gal   39 L 4820H: 11.1 gal   42 L	

6.8 qt | 6.4 L

РТО		
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	T	
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.   1650 mm	
Wheelbase	71.1 in.   1806 mm	
Height to top of ROPS	98.4 in.   1200 mm	
Height to top of cabin	-	
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 ROPS	3831 lb   1737.7 kg	
Weight with cab	-	
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	

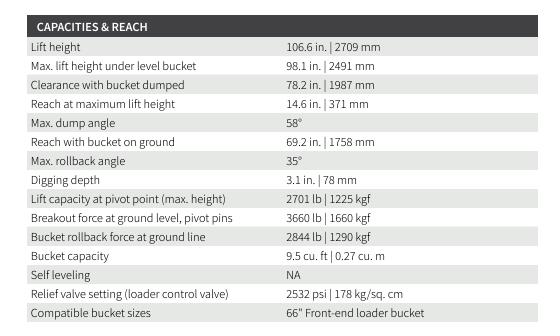
Front axle

# **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 at pivot point (max. height)	2701 lb   1225 kgf
Bucket capacity	9.5 cu. ft   0.27 cu. m





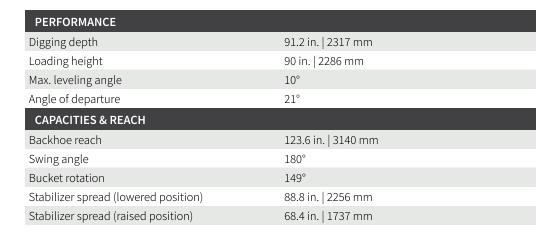
DIMENSIONS & WEIGHTS	
Overall height in carry position	50.9 in.   1293 mm
Depth of Attachment (to the back of the inner shell)	20.9 in.   530 mm
Height of Attachment	20.9 in.   530 mm
Length of Attachment (to pivot pin)	28.2 in.   716 mm
Weight of boom & quick attach mechanism (1)	521 lb   236 kg
Weight 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	$2.2 \times 1.2$ in.   55 $\times$ 30 mm
Bucket cylinder	$2.0 \times 1.2$ in.   55 $\times$ 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

# **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





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

TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.

Large\_12 Large\_09

Large\_16

Large\_18

Large\_24

# Upgrades for the Series 4, 4820

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