

T475

Compact, Series 3
45.3 hp



A powerful compact tractor that helps you push the limits

Tackle challenges in tight spaces with the T475. Compact but durable and expertly engineered for efficiency, this tractor excels in greenhouses, orchards, and other confined areas where space is limited but power can't be compromised.



1. Auto throttle



3. Cruise control



2. Auto PTO lever



4. Foldable ROPS



5. Single rear-implement control



6. Shuttle transmission



4-cylinder TYM diesel engine with high output

Equipped with a powerful, Stage V certified 4-cylinder engine, this tractor has an output comparable to utility tractors while maintaining the dimensions of a sub-compact tractor. The durable body and efficient engine come together to perform medium-duty applications efficiently and productively.



External lever to adjust rear attachments

Along with in-cabin controls, this tractor has an external position lever near the 3-point hitch. Operators can adjust attachment positions immediately after connection without returning to the cabin, enabling quick and convenient attachment switching, which enhances tractor versatility.



Total control over attachments

Even while the tractor is in motion, a dedicated PTO lever can be used to speed up or slow down implement rpm, while the dial can raise and lower implements at the prescribed speed.



Easy to open hood for convenient maintenance

The tractor hood can be opened in one motion, providing easy access to the engine and other systems for daily checks, routine service, and maintenance. The side panel can also be removed easily without the need for specialized tools.



3-point hitch with powerful lift capacity

The 3-point linkage on the rear has an impressive lift capacity that reaches the end ball joints. The rear PTO control can be used to adjust rpm based on the task, increasing it for more intensive applications like slashing and digging.



High-capacity fuel tank for time-intensive work

The high-capacity fuel tank allows the tractor to operate for longer periods without stopping to refuel. Paired with a fuel-efficient engine, this enables uninterrupted and efficient operations during the busiest seasons.

Technical specifications

ENGINE	
Engine manufacturer	TYM T2300N3
Type	Natural aspiration
Gross engine power	45.3 hp 34 kW
PTO power	Mechanical: 37.6 hp 28.2 kW HST: 34 hp 25.5 kW
Rated engine speed	2600 rpm
No. of cylinders	4
Displacement	2287 cc 139.5 cu. in.
Air cleaner	Dual dry
Alternator	12V, 50A
Fuel system	IDI
POWERTRAIN	
Transmission type	Synchro-shuttle / HST
No. of speeds	SS: F12 x R12 HST: 3-range
Max. traveling speed	Mechanical: 21.0km/h 13.0mph HST: 27.5km/h 17.1mph
Brakes	Wet disc
Steering	Hydrostatic
Clutch	Dry single plate
CAPACITIES	
Fuel tank	34 L 9.0 gal
Coolant	6.5 L 6.9 qt
Crankcase	6.4 L 6.8 qt
Transmission/Hydraulics system	32.2 L 8.5 gal
Front axle	2.1 L 2.2 qt

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540 rpm
HYDRAULIC SYSTEM	
Pump type	Dual gear pump
Implement flow	29 L/min 7.7 gpm
Steering flow	16.1 L/min 4.3 gpm
Total flow	45.1 L/min 11.9 gpm
Category, 3-point hitch	I
Hitch lift capacity	1220 kg 2689.6 lb
Hitch lift capacity at 24 inches behind link ends	673 kg 1764 lb
Lift control type	Position
No. of standard remote valves	1
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	ROPS: 3400 mm 133.9 in. Cab: 3450 mm 134.6 in.
Overall width	1440 mm 56.7 in.
Wheelbase	Mechanical: 1770 mm 69.7 in. HST: 1750 mm 68.9 in.
Height to top of ROPS	2440 mm 96.1 in.
Height to top of cabin	2350 mm 92.5 in.
Min. ground clearance	315 mm 12.4 in.
Min. turn radius with brakes	ROPS: 2710 mm 106.7 in. Cab: 2680 mm 105.5 in.
Min. turn radius without brakes	ROPS: 2985 mm 117.5 in. Cab: 2950 mm 116.1 in.
Weight with ROPS	1565 kg 3450.2 lb
Weight with cab	-
STANDARD TIRES	
R1 Agricultural - Front	8.0-16 4PR
R1 Agricultural - Rear	12.4-24 6PR
R3 Turf - Front	27x10.50-15 4PR
R3 Turf - Rear	41x14.00-20 4PR
R4 Industrial - Front	27x10.5-15 8PR
R4 Industrial - Rear	12.5-20 10PR

TX47 Front-End Loader

Attachments

The TX47 front-end loader takes advantage of the power and durability of TYM compact tractors. Ideal for tasks that require more strength, the TX47 front-end loader can help you get your tasks done more efficiently.

Lift height	2683 mm 105.6 in.
Lift capacity at pivot point (max. height)	976.2 kgf 2152 lb
Bucket capacity	0.28 cu. m 9.9 cu. ft

CAPACITIES & REACH	
Lift height	2683 mm 105.6 in.
Max. lift height under level bucket	2450 mm 96.5 in.
Clearance with bucket dumped	2042 mm 80.4 in.
Reach at maximum lift height	380 mm 15 in.
Max. dump angle	52°
Reach with bucket on ground	1795 mm 70.7 in.
Max. rollback angle	35°
Digging depth	255 mm 10 in.
Lift capacity at pivot point (max. height)	976.2 kgf 2152 lb
Breakout force at ground level, pivot pins	1450.8 kgf 3198 lb
Bucket rollback force at ground line	1366.1 kgf 3012 lb
Bucket capacity	0.28 cu. m 9.9 cu. ft
Relief valve setting (loader control valve)	165 kg/sq. cm 2347 psi
Compatible bucket sizes	66" Front-end loader bucket



DIMENSIONS & WEIGHTS	
Overall height in carry position	1409 mm 55.5 in.
Depth of Attachment (to the back of the inner shell)	492 mm 19.4 in.
Height of Attachment	556 mm 21.9 in.
Length of Attachment (to pivot pin)	647 mm 25.5 in.
Weight of boom & quick attach mechanism (1)	233 kg 513.7 lb
Weight of mounting frame (2)	126 kg 277.8 lb
Weight of bucket (3)	104 kg 229.3 lb
Loader total weight (1+2+3)	463 kg 1020.7 lb
Lift cylinder	55 × 30 mm 2.2 × 1.2 in.
Bucket cylinder	50 × 30 mm 1.97 × 1.2 in.
Attachment used for specification	1675 mm 66 in.
CYCLE TIMES	
Boom raising time	5.4 sec
Boom lowering time	3.8 sec
Bucket rollback time	2.5 sec
Bucket dumping time	4.0 sec
COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
60" Front-End Loader bucket	

BY75 Backhoe

Attachments

The BY75 complements the power and strength of the Series 2 compact tractors, enhancing performance and versatility without compromising safety.

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

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



DIMENSIONS & WEIGHTS	
Transport overhang	1189 mm 46.8 in.
Transport height (max.)	2164 mm 85.2 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	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
Large_09	Large_12
Large_16	Large_18
Large_24	

Upgrades for the Series 3, T475

Complement the capabilities of your TYM tractor with compatible accessories and options.

Accessories

Front counterweights



Options

Tire	R1 Agricultural Tires	F 8.0 - 16	R 12.4-24
Tire	R4 Industrial Tires	F 27x10.50 - 15	R 12.5-20



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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