

# T455

Compact, Series 4  
46.6 hp



# A compact tractor that sets new standards in performance

With more power within its compact frame, the T455 redefines what a compact tractor can do. This high-performance tractor is capable of delivering greater impact in your routine tasks and big projects without sacrificing maneuverability.



1. PTO cruise control



3. 2 sets of rear remote valves



2. Projection head lamps



4. Independent rear PTO switch



5. Foldable ROPS or all-season cab



6. Joystick control for optional front-end loader



### High efficiency, 4-cylinder Yanmar diesel engine

The Japanese-made Yanmar engine delivers more torque with fewer revs than competitors in its class, significantly maximizing fuel efficiency. Its advanced liquid cooling system warms up the engine quickly and stabilizes temperature more effectively while the tractor is in operation.



### Enhanced attachment controls for efficiency

To boost efficiency, this tractor features controls designed to expedite completion. Two sets of rear remote valves allow the operator to manage various attachments directly from the station, minimizing manual position adjustments. A dial or knob controls lowering speed, while draft control levers regulate depth for optimal ground engagement.



### Interior detailing to promote operator comfort

Activate core functions such as the PTO on/off switch easily from the main console. Quickly receive alerts and diagnostic information via the digital display. The operator platform features a spacious and ergonomic seat and a flat floor with a rubber mat to enhance comfort during entry, exit, and driving.



### Durable, shock absorbing axle configuration

The heavy-duty 4WD front axle enables the tractor to lift heavy loads and tow large attachments while absorbing shock and maintaining stability. Powerful hydraulics support the power steering system, which uses a dual-action mechanism with a hydraulic cylinder and tandem-type hydraulic pump.



### Factory installed joystick controls

The joystick controls come installed from the factory, so you can put the tractor to work as soon as it is delivered. Factory installation ensures that gears are configured perfectly and controls are positioned ergonomically.

# Technical specifications

ENGINE	
Engine manufacturer	Yanmar 4TNV88C-K
Type	Natural aspiration
Gross engine power	46.6 hp   34.3 kW
PTO power	33.5 hp   25.1 kW
Rated engine speed	2800 rpm
No. of cylinders	4
Displacement	2190 cc   133.6 cu. in.
Air cleaner	Dual dry
Alternator	12V, 70A
Fuel system	CRDI
POWERTRAIN	
Transmission type	Synchro-shuttle / HST
No. of speeds	SS: F16 x R16 HST: 3-range
Max. traveling speed	Mechanical: 29.6 km/h   18.4 mph HST: 29.4 km/h   18.3 mph
Brakes	Wet disc
Steering	Hydrostatic
Clutch	Dry single plate
CAPACITIES	
Fuel tank	60 L   17.0 gal
Coolant	8.5 L   9 qt
Crankcase	6.7 L   7.1 qt
Transmission/Hydraulics system	34.8 L   9.2 gal
Front axle	9.9 L   10.5 qt

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540/1000 rpm
HYDRAULIC SYSTEM	
Pump type	Dual gear pump
Implement flow	35.7 L/min   9.5 gpm
Steering flow	17.3 L/min   4.6 gpm
Total flow	53.0 L/min   14.1 gpm
Category, 3-point hitch	I
Hitch lift capacity	1503 kg   3314 lb
Hitch lift capacity at 24 inches behind link ends	1336 kg   2945 lb
Lift control type	Position/Draft
No. of standard remote valves	2
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	3929 mm   154.7 in.
Overall width	1837 mm   72.3 in.
Wheelbase	1935 mm   76.2 in.
Height to top of ROPS	2590 mm   116.1 in.
Height to top of cabin	2475 mm   97.4 in.
Min. ground clearance	321 mm   12.6 in.
Min. turn radius with brakes	3352 mm   131.9 in.
Min. turn radius without brakes	3820 mm   150.4 in.
Weight with ROPS	1875 kg   4133.7 lb
Weight with cab	1975 kg   4354.1 lb

STANDARD TIRES	
R1 Agricultural - Front	1: 9.5-16 6PR 2: 240/70 R16 3: 260/70 R16 4: 260/70 R16 5: 280/70 R16 6: 280/70 R16
R1 Agricultural - Rear	1: 13.6-26 8PR 2: 320/70 R24 3: 320/85 R24 4: 340/85 R24 5: 380/85 R24 6: 360/70 R28
R3 Turf - Front	12-16.5 10PR
R3 Turf - Rear	17.5Lx24 8PR
R4 Industrial - Front	305/70-16.5
R4 Industrial - Rear	17.5Lx24 6PR



# TX55 Front-End Loader

## Attachments

The TX55 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	2770 mm   109.1 in.
Lift capacity at pivot point (max. height)	1124 kgf   2478 lb
Bucket capacity	0.39 cu. m   13.8 cu. ft

CAPACITIES & REACH	
Lift height	2770 mm   109.1 in.
Max. lift height under level bucket	2519 mm   99.2 in.
Clearance with bucket dumped	2052 mm   80.8 in.
Reach at maximum lift height	472 mm   18.6 in.
Max. dump angle	48°
Reach with bucket on ground	1863 mm   73.3 in.
Max. rollback angle	35°
Digging depth	130 mm   5.1 in.
Lift capacity at pivot point (max. height)	1124 kgf   2478 lb
Breakout force at ground level, pivot pins	2240 kgf   4938 lb
Bucket rollback force at ground line	1936 kgf   4268 lb
Bucket capacity	0.39 cu. m   13.8 cu. ft
Self leveling	NA
Relief valve setting (loader control valve)	175 kg/sq. cm   2489 psi
Compatible bucket sizes	66" Front-end loader bucket



DIMENSIONS & WEIGHTS	
Overall height in carry position	1445 mm   56.9 in.
Depth of Attachment (to the back of the inner shell)	579 mm   22.8 in.
Height of Attachment	557 mm   21.9 in.
Length of Attachment (to pivot pin)	758 mm   29.8 in.
Weight of boom & quick attach mechanism (1)	256 kg   564.4 lb
Weight of mounting frame (2)	158 kg   348.3 lb
Weight of bucket (3)	158 kg   348 lb
Loader total weight (1+2+3)	572 kg   1261 lb
Lift cylinder	60 × 35 mm   2.4 × 1.4 in.
Bucket cylinder	60 × 35 mm   2.4 × 1.4 in.
Attachment used for specification	1830 mm   72 in.
CYCLE TIMES	
Boom raising time	5.4 sec
Boom lowering time	4.6 sec
Bucket rollback time	3.6 sec
Bucket dumping time	5.0 sec
COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
72" Front-End Loader bucket	

# BY85 Backhoe

## Attachments

For heavy duty tasks, you can depend on TYM BY85 to deliver performance and power. Built to take advantage of the features of TYM Series 3 compact tractors, the TYM BY85 backhoe attachment is ideal for applications that require the extra power.

Digging depth	2621 mm   103.2 in.
Loading height	2347 mm   92.4 in.
Backhoe reach	3414 mm   134.4 in.

PERFORMANCE	
Digging depth	2621 mm   103.2 in.
Loading height	2347 mm   92.4 in.
Max. leveling angle	10°
Angle of departure	21°
CAPACITIES & REACH	
Backhoe reach	3414 mm   134.4 in.
Swing angle	180°
Bucket rotation	151°
Stabilizer spread (lowered position)	2256 mm   88.8 in.
Stabilizer spread (raised position)	1737 mm   68.4 in.



DIMENSIONS & WEIGHTS	
Transport overhang	1280 mm   50.4 in.
Transport height (max.)	2317 mm   91.2 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	36" 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	Large_36

# Upgrades for the Series 4, T455

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

## Accessories

Front counterweights



## Options

Tire	R1 Agricultural Tires	F 9.5 - 16	R 13.6-26
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.

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