

T654

Compact Utility, Series 5
67 hp



A compact utility tractor that exceeds expectations for performance

The T654 combines the power of a utility tractor with the maneuverability of a compact model. Offering maximized power and ease of control, this compact utility tractor truly delivers the best of both worlds.



1. Selectable 4WD



3. Joystick control for front-end loader



2. PTO shift lever



4. Differential lock



5. Draft control



6. Extendable lower link ends



4-cylinder, liquid-cooled Deutz diesel engine

Built on precise German engineering, the Deutz engine uses Diesel Oxidation Catalysts (DOC) to convert carbon and particulate matter into less harmful emissions. This eliminates the need for regeneration cycles, minimizing maintenance requirements, downtime, and the risk of repair.



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.



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.



Deluxe cabin with climate control

Featuring easy entry and exit through both side doors and a host of modern amenities for maximum operator comfort, this tractor offers greater visibility with standard heating and AC.



6-port rear hydraulic valve for add-on functions

The 6-port valve on the rear of the tractor allows implements of different functions to be controlled easily. This is particularly beneficial for applications like row crop farming and material handling, as trailers are fit with an optional hydraulic brake.



Suspension seat for operator comfort

Particularly beneficial for time-intensive jobs or work on uneven terrain, the cabin features a suspension seat that keeps vibrations to a minimum and promotes comfort, even during longer operations.

Technical specifications

ENGINE	
Engine manufacturer	Deutz TCD2.9L4
Type	Turbo Charger
Gross engine power	67 hp 50 kW
PTO power	61.9 hp 46.1 kW
Rated engine speed	2200 rpm
No. of cylinders	4
Displacement	177 cu. in. 2900 cc
Air cleaner	Dual dry
Alternator	12V, 95A
Fuel system	CRDI
POWERTRAIN	
Transmission type	Synchro-shuttle
No. of speeds	F24 x R24
Max. traveling speed	20.2 mph 32.5 km/h
Brakes	Wet disc
Steering	Hydrostatic
Clutch	M: Dry Single Plate PS: Wet Multi Plate
CAPACITIES	
Fuel tank	18.5 gal 70 L
Coolant	10.6 qt 10 L
Crankcase	8.5 qt 8 L
Transmission/Hydraulics system	11 gal 41.6 L
Front axle	17.3 qt 16.3 L

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540/750/1000 rpm
HYDRAULIC SYSTEM	
Pump type	Dual gear pump
Implement flow	10.3 gpm 39.1 L/min
Steering flow	5.8 gpm 22 L/min
Total flow	16.1 gpm 61.1 L/min
Category, 3-point hitch	II
Hitch lift capacity	4270 lb 1937 kg
Hitch lift capacity at 24 inches behind link ends	3153 lb 1430 kg
Lift control type	Position/Draft/Mech
No. of standard remote valves	2
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	155.6 in. 3952 mm
Overall width	72.4 in. 1840 mm
Wheelbase	84.6 in. 2150 mm
Height to top of cabin	100.2 in. 2545 mm
Height to top of ROPS	-
Min. ground clearance	17.1 in. 435 mm
Min. turn radius with brakes	141.3 in. 3590 mm
Min. turn radius without brakes	162.2 in. 4120 mm
Weight with cab	5555 lb 2520 kg
Weight with ROPS	-
STANDARD TIRES	
R1 Agricultural - Front	FSTR 9.5 R20 TL
R1 Agricultural - Rear	FSTR 380/85R28 TL (14.9R28)
R4 Industrial - Front	Trac Chief 10.5/80-18 NHS TL 10PR
R4 Industrial - Rear	Xtra Grip 18.4-24 NHS TL 8PR

TX65SL Front-End Loader

Attachments

The TX65SL compliments your compact utility tractor’s capabilities and versatility. With enhanced features, the TX65SL delivers impressive performance without compromising safety.

Lift height	124.8 in. 3169 mm
Lift capacity at pivot point (max. height)	3122 lb 1416 kgf
Bucket capacity	15.2 cu. ft 0.43 cu. m

CAPACITIES & REACH	
Lift height	124.8 in. 3169 mm
Max. lift height under level bucket	114.7 in. 2913 mm
Clearance with bucket dumped	89.4 in. 2270 mm
Reach at maximum lift height	8.2 in. 208 mm
Max. dump angle	79°
Reach with bucket on ground	82.7 in. 2100 mm
Max. rollback angle	45°
Digging depth	9.4 in. 240 mm
Lift capacity at pivot point (max. height)	3122 lb 1416 kgf
Breakout force at ground level, pivot pins	5225 lb 2370 kgf
Bucket rollback force at ground line	3331 lb 1511 kgf
Bucket capacity	15.2 cu. ft 0.43 cu. m
Self leveling	Available
Relief valve setting (loader control valve)	2987 psi 210 kg/sq. cm
Compatible bucket sizes	66" Front-end loader bucket



DIMENSIONS & WEIGHTS	
Overall height in carry position	69.7 in. 1770 mm
Depth of Attachment (to the back of the inner shell)	22.8 in. 579 mm
Height of Attachment	21.9 in. 557 mm
Length of Attachment (to pivot pin)	33.9 in. 861 mm
Weight of boom & quick attach mechanism (1)	791.5 lb 359 kg
Weight of mounting frame (2)	423.3 lb 192 kg
Weight of bucket (3)	370.4 lb 168 kg
Loader total weight (1+2+3)	1585.1 lb 719 kg
Lift cylinder	2.6 × 1.4 in. 65 × 35 mm
Bucket cylinder	2.6 × 1.4 in. 65 × 35 mm
Attachment used for specification	78 in. 1982 mm
CYCLE TIMES	
Boom raising time	5.9 sec
Boom lowering time	4.2 sec
Bucket rollback time	3.4 sec
Bucket dumping time	4.8 sec
COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
78" Front-End Loader bucket	

Upgrades for the Series 5, T654

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

Accessories

Block heater
7-pin trailer socket
Turbo icing protection kit
Front counterweights



Options

Tire	R1 Agricultural Tires	F FSTR 9.5 R20 TL	R FSTR 380/85R28 TL (14.9R28)
Tire	R4 Industrial Tires	F Trac Chief 10.5/80 - 18 NHS TL 10PR	R Xtra Grip 18.4-24 NHS TL 8PR



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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