

K42

Compact, Series 3
43 PS



A compact tractor that doesn't compromise on performance

This compact tractor makes an impact with its remarkable performance in a small package. The K42 combines a powerful engine and productivity features that make quick work of a variety of tasks.



1. Standard ballast weights



3. PTO safety switch



2. Digital Instrument Panel



4. PTO Transmission lever



5. External hydraulic control lever



6. External hydraulic control lever



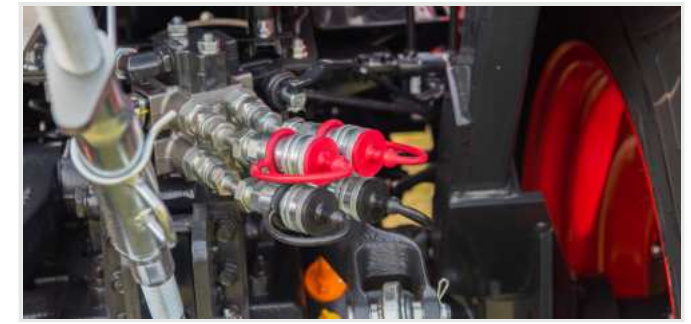
4-cylinder high-output TYM diesel engine

Equipped with a 4-cylinder, Stage V engine, this tractor boasts the power of a mid-sized tractor while maintaining a compact size.



High ground clearance

A high ground clearance means that you can prevent damage to crops in the field and work more efficiently. (Up to 365 mm)



4-port rear external hydraulic valves

The rear 4 ports allows you to install a wide range of attachments.



Best-in-class PTO output

Best-in-class 37 HP PTO means you can maximize use of your implements.



Ergonomic cabin design

Shift gears, control front-wheel drive and PTO operation with well-positioned controls around the cabin, making the tractor easier to operate.



Longest wheel base in class

The wheelbase has been maximized for increased stability and traction.

Technical specifications

ENGINE	
Engine manufacturer	TYM T2000
Type	Turbocharger
Gross engine power	43 PS 31.5 kW
PTO power	37 PS 27 kW
Rated engine speed	2600 rpm
No. of cylinders	4
Displacement	2084 cc 127.17 cu. in.
Air cleaner	Dry element
Alternator	12V, 50A
Fuel system	IDI
POWERTRAIN	
Transmission type	Synchro-shuttle
No. of speeds	F12 × R12
Max. traveling speed	23.52 km/h 14.61 mph
Brakes	Wet disc
Steering	Hydrostatic
Clutch	Dry disc
CAPACITIES	
Fuel tank	27 L 7.13 gal
Coolant	3 L 3.17 qt
Crankcase	4.5 L 4.75 qt
Transmission/Hydraulics system	34 L 8.98 gal
Front axle	6.4 L 6.76 qt

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540/750 rpm
HYDRAULIC SYSTEM	
Pump type	Gear pump
Implement flow	43.2 L/min 11.4 gpm
Steering flow	19.4 L/min 5.1 gpm
Total flow	62.6 L/min 16.5 gpm
Category, 3-point hitch	Cat 1
Hitch lift capacity	1340 kg 2954 lb
Hitch lift capacity at 24 inches behind link ends	746 kg 1645 lb
Lift control type	Position/Draft
No. of standard remote valves	4 Port
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	3090 mm 121.65 in.
Overall width	1415 mm 55.70 in.
Wheelbase	1670 mm 65.74 in.
Height to top of ROPS	2360 mm 92.91 in.
Height to top of cabin	-
Min. ground clearance	365 mm 14.37 in.
Min. turn radius with brakes	(L) 2290 mm 90.16 in. / (R) 2310 mm 90.94 in.
Min. turn radius without brakes	(L) 3080 mm 121.26 in. / (R) 3120 mm 122.83 in.
Weight with ROPS	1535 kg 3384.09 lb
Weight with cab	-
Track width	F: 1220 mm / R: 1125 mm
STANDARD TIRES	
Agricultural - Front	8-16
Agricultural - Rear	12.4-24

KJA42 Front-End Loader

Attachments

The TYM KJA42 front-end loader raises the bar in material handling and productivity. Providing an impressive lift height and capacity, the KJA42 complements the power and performance of compatible TYM K42, K48 or K48L compact tractors.

Lift height	3115 mm 122.6 in.
Lift capacity at pivot point (max. height)	940 kgf 2072 lb
Self leveling	Available

CAPACITIES & REACH	
Lift height	3115 mm 122.6 in.
Max. lift height under level bucket	2902 mm 114.3 in.
Clearance with bucket dumped	2422 mm 95.4 in.
Reach at maximum lift height	168 mm 6.6 in.
Max. dump angle	80°
Reach with bucket on ground	2155 mm 84.8 in.
Max. rollback angle	50°
Digging depth	130 mm 5.1 in.
Lift capacity at pivot point (max. height)	940 kgf 2072 lb
Breakout force at ground level, pivot pins	1343 kgf 2961 lb
Bucket rollback force at ground line	1556 kgf 3430 lb
Self leveling	Available
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	1670 mm 65.7 in.
Depth of Attachment (to the back of the inner shell)	549 mm 21.6 in.
Height of Attachment	510 mm 20.1 in.
Length of Attachment (to pivot pin)	665 mm 26.2 in.
Weight of boom & quick attach mechanism (1)	238 kg 525 lb
Weight of mounting frame (2)	85 kg 187 lb
Weight of bucket (3)	108 kg 238 lb
Loader total weight (1+2+3)	431 kg 950 lb
Lift cylinder	60 × 40 mm 2.4 × 1.6 in.
Bucket cylinder	60 × 35 mm 2.4 × 1.4 in.
Attachment used for specification	1570 mm 61.8 in.
CYCLE TIMES	
Boom raising time	4.5 sec
Boom lowering time	3.1 sec
Bucket rollback time	2.2 sec
Bucket dumping time	3.0 sec
COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
66" Front-End Loader bucket	



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