

# K42

Compact, Series 2  
43 PS



# A sub-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



5. External hydraulic control lever



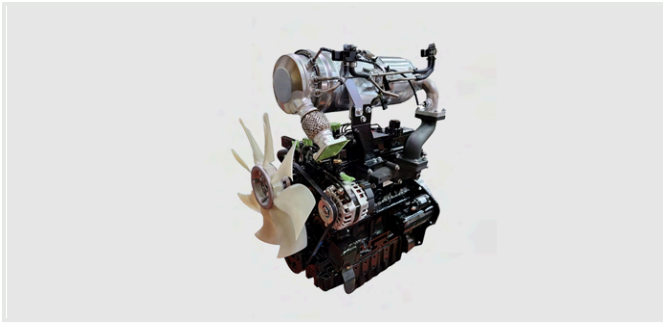
2. Digital Instrument Panel



4. PTO Transmission 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.



### Best-in-class PTO output

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



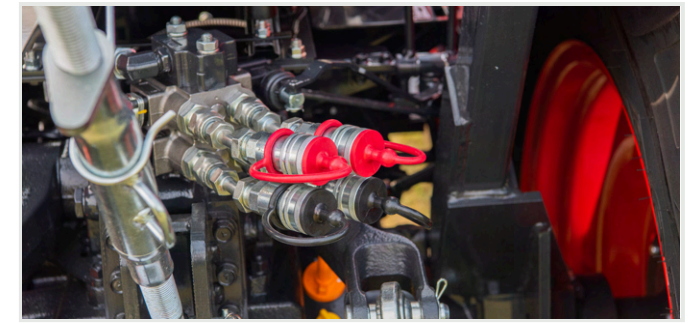
### High ground clearance

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



### 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.



### 4-port rear external hydraulic valves

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



### 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](http://www.tym.world)