

# K120

Utility, Series 5  
117 ps



# Packed with features to help accomplish your goals

As the only domestically produced tractor equipped with a John Deere engine, the K120 delivers on performance. Its unique smart package allows the operator to remotely control and monitor the tractor.



1. Power shuttle



2. De-clutch



3. Dual side mirrors



4. Electronic lift control



5. Loader joystick



6. Beverage cooler / warmer



### Powerful 3.4L John Deere engine

Equipped with a high-quality, high-output John Deere engine. Its reliability means the tractor experiences fewer failures and a longer life cycle.



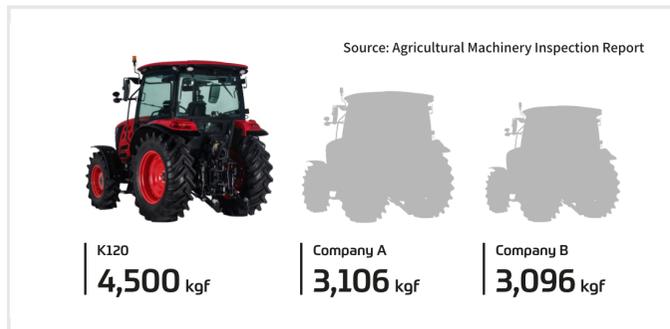
### High-capacity fuel tank

High-capacity fuel tanks allow long operating times without refueling and improves engine fuel efficiency.



### Driver oriented interior

The ergonomically designed cabin decreases stress on the operator and increases convenience.



### Excellent lift-capacity

With an enhanced 3-point lift, heavy implements can be easily lifted, allowing more types of implements to be installed.



### High-capacity hydraulic top link

Conveniently control the hydraulic top link and the attached implement from the cabin with the operating lever.



### Standard Smart Package

Equipped with an automotive start/stop button and smart key, remote start/stop, rear implement remote control, LED monitor and rear-mounted camera.

# Technical specifications

ENGINE	
Engine manufacturer	JohnDeere 4045HL292
Gross engine power	117 ps
Type	Turbocharger
PTO power	103.3 ps   76 kW
Rated engine speed	2400 rpm
No. of cylinders	4
Displacement	276.1 cu. in.   4525 cc
Air cleaner	Dry element
Alternator	12V-110A
Fuel system	Direct Injection
POWERTRAIN	
Transmission type	Power Shuttle
No. of speeds	F16 x R16
Max. traveling speed	20.61 mph   33.18 km/h
Brakes	Wet Disc
Steering	Hydrostatic
Clutch	Wet Disc
CAPACITIES	
Fuel tank	42.26 gal   160 L
Coolant	16.8 qt   15.9 L
Crankcase	13.7 qt   13 L
Transmission/Hydraulics system	14.7 gal   56 L
Front axle	12.6 qt   12 L

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540/750/1000 rpm
HYDRAULIC SYSTEM	
Pump type	Gear Pump
Implement flow	18.3 gpm   69.6 lpm
Steering flow	8.8 gpm   33.6 lpm
Total flow	27.2 gpm   103.2 lpm
Category, 3-point hitch	Cat 2
Hitch lift capacity	10233.9 lb   4642 kg
Hitch lift capacity at 24 inches behind link ends	7361.23 lb   3339 kg
Lift control type	Position/Draft/TBS
No. of standard remote valves	6
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	158.2 in.   4020 mm
Overall width	89.3 in.   2270 mm
Wheelbase	92.9 in.   2360 mm
Height to top of ROPS	109.8 in.   2790 mm
Min. ground clearance	17.5 in.   445 mm
Min. turn radius with brakes	166.1 in.   4220 mm
Min. turn radius without brakes	215.7 in.   5480 mm
Track width	F: 1525 mm / R: 1655 mm
Weight with cab	8994.9 lb   4080 kg
STANDARD TIRES	
Agricultural - Front	13.6 - 24
Agricultural - Rear	18.4 - 34

# KJL110(J) Front-End Loader

## Attachments

Engineered to lift higher and lift heavier materials, the TYM KJL110(J) is optimized for superior material handling. Taking advantage of the power and performance of the TYM utility tractors, the KJL110(J) is compatible with the K120.



Lift height	162 in. / 4114 mm
Lift capacity	5415 lb / 2456 kgf
Self leveling	Available

CAPACITIES & REACH	
Lift height	162 in.   4114 mm
Max. lift height under level bucket	152.5 in.   3873 mm
Clearance with bucket dumped	127 in.   3227 mm
Reach at maximum lift height	14.9 in.   379 mm
Max. dump angle	60°
Reach with bucket on ground	98.9 in.   2513 mm
Max. rollback angle	52°
Digging depth	6.1 in.   155 mm
Lift capacity	5415 lb   2456 kgf
Breakout force at ground level, pivot points	6618 lb   3002 kgf
Bucket rollback force at ground line	6874 lb   3118 kgf
Self leveling	Available
Relief valve setting (Loader control valve)	2987 psi   210 kg/sq. cm

DIMENSIONS & WEIGHTS	
Overall height in carry position	86.4 in.   2194 mm
Depth of Attachment (to the back of the inner shell)	22.8 in.   579 mm
Height of Attachment	22.2 in.   563 mm
Length of Attachment (to pivot point)	34.9 in.   886 mm
Weight of boom & quick attach mechanism (1)	1210 lb   549 kg
Weight of mounting frame (2)	591 lb   268 kg
Weight of bucket (3)	448 lb   203 kg
Loader total weight (1+2+3)	2249 lb   1020 kg
Lift cylinder	3.1x1.8 in.   80x45 mm
Bucket cylinder	3.0x1.6 in.   75x40 mm
Attachment used for specification	92 in.   2330 mm
CYCLE TIMES	
Boom raising time	4.4 sec
Boom lowering time	2.8 sec
Bucket rollback time	2.6 sec
Bucket dumping time	3.6 sec



# 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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