

# K120

Utility, Series 6  
117 PS



# A utility tractor that merges heritage innovation with powerful technology

The K120 excels on performance, being the only domestically-produced tractor equipped with a John Deere engine. Its distinctive smart features allow the operator to control and monitor the powerful tractor remotely.



1. Power shuttle



3. Dual side mirrors



4. Electronic lift control



5. Loader joystick



2. De-clutch



6. Beverage cooler / warmer



### High-powered Deutz engine

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



### Excellent lift capacity

With an enhanced rear 3-point lift, you can easily lift heavy attachments and install more types of attachments to your tractor.



### 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.



### High-capacity hydraulic top link

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



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

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



### Full LED work light

The Full LED work light provides a bright and wide view of the environment for safer operation at night.



### Best-in-class external hydraulic cylinder

The powerful external hydraulic cylinder exerts 4.2 tons of lifting strength and is easy to service.

# Technical specifications

ENGINE		PTO	
Engine manufacturer	John Deere 4045HK551	PTO type	Independent
Type	Turbocharger	PTO control	Electric/Hydro
Gross engine power	117 PS   86 kW	PTO rear	540/750/1000 rpm
POWERTRAIN		HYDRAULIC SYSTEM	
PTO power	103.3 PS   76 kW	Pump type	Gear pump
Rated engine speed	2100 rpm	Implement flow	69.6 L/min   18.3 gpm
No. of cylinders	4	Steering flow	28 L/min   7.4 gpm
Displacement	4525 cc   276.1 cu. in.	Total flow	97.6 L/min   25.8 gpm
Air cleaner	Dry element	Category, 3-point hitch	Cat 2
Alternator	12V, 110A	Hitch lift capacity	4520 kg   9965 lb
Fuel system	DI	Hitch lift capacity at 24 inches behind link ends	3026 kg   6671 lb
CAPACITIES		Lift control type	Position/Draft
Fuel tank	160 L   42.26 gal	No. of standard remote valves	6
Coolant	8.7 L   9.18 qt	DIMENSIONS & WEIGHTS	
Crankcase	13 L   13.7 qt	Overall length with 3-point hitch	4070 mm   158.2 in.
Transmission/Hydraulics system	56 L   14.7 gal	Overall width	2270 mm   89.3 in.
Front axle	12 L   12.6 gal	Wheelbase	2360 mm   92.9 in.
		Height to top of cabin	2995 mm   109.8 in.
		Height to top of ROPS	-
		Min. ground clearance	445 mm   17.5 in.
		Min. turn radius with brakes	(L) 4380 mm   172.44 in. / (R) 4420 mm   174.01 in.
		Min. turn radius without brakes	(L) 5860 mm   230.71 in. / (R) 5950 mm   234.25 in.
		Weight with cab	4050 kg   8928.72 lb
		Weight with ROPS	-
		Track width	F: 1525 mm / R: 1655 mm
		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	4114 mm   162 in.
Lift capacity at pivot point (max. height)	2456 kgf   5415 lb
Self leveling	Available



### CAPACITIES & REACH

Lift height	4114 mm   162 in.
Max. lift height under level bucket	3873 mm   152.5 in.
Clearance with bucket dumped	3227 mm   127 in.
Reach at maximum lift height	379 mm   14.9 in.
Max. dump angle	60°
Reach with bucket on ground	2513 mm   98.9 in.
Max. rollback angle	52°
Digging depth	155 mm   6.1 in.
Lift capacity at pivot point (max. height)	2456 kgf   5415 lb
Breakout force at ground level, pivot pins	3002 kgf   6618 lb
Bucket rollback force at ground line	3118 kgf   6874 lb
Self leveling	Available
Relief valve setting (loader control valve)	210 kg/sq. cm   2987 psi
Compatible bucket sizes	66" Front-end loader bucket

### DIMENSIONS & WEIGHTS

Overall height in carry position	2194 mm   86.4 in.
Depth of Attachment (to the back of the inner shell)	579 mm   22.8 in.
Height of Attachment	563 mm   22.2 in.
Length of Attachment (to pivot pin)	886 mm   34.9 in.
Weight of boom & quick attach mechanism (1)	549 kg   1210 lb
Weight of mounting frame (2)	268 kg   591 lb
Weight of bucket (3)	203 kg   448 lb
Loader total weight (1+2+3)	1020 kg   2249 lb
Lift cylinder	80 × 45 mm   3.1 × 1.8 in.
Bucket cylinder	75 × 40 mm   3.0 × 1.6 in.
Attachment used for specification	2330 mm   92 in.

### 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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