

2024 Catalog

Series 5

Utility Tractors

111 - 117 PS



For distribution and sales in the South Korean market only

Series 5 Utility Tractors

Increased power output and maximized lift capabilities define the Series 5 tractors and enable you to achieve your goals. Known for their exceptional versatility and

maneuverability, these tractors elevate productivity by covering more ground with each pass.



K110E

Engine power 111 ps
Lift capacity 4170 kg



T115

Engine power 113 ps
Lift capacity 3309 kg



K120

Engine power 117 ps
Lift capacity 4520 kg

Upgraded capabilities to take on bigger challenges

The Series 5 tractors include premium TYM utility models designed with optimal dimensions for maximum maneuverability. Equipped with a high-efficiency, liquid-cooled Tier 4-certified engine and a large volume fuel tank, these tractors are ready to take on any time-intensive, medium to heavy-duty applications.

The Series 5 tractors are fitted with a premium all-weather operator cabin and an intuitive console comprising all major controls, so you can perform with maximum comfort and minimal effort throughout all seasons.

Most popular applications



Material Handling



Land Clearing & Forestry



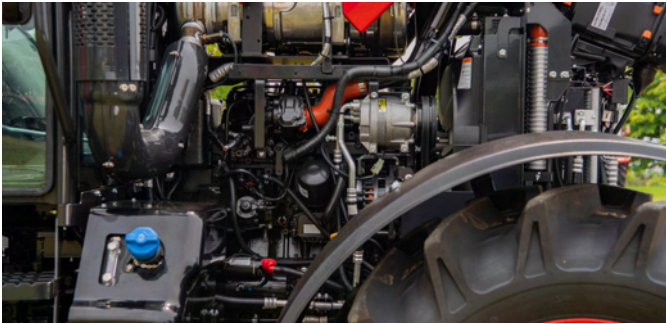
Construction



Arable Farming



All the right features to get the job done



High-powered Doosan engine

Equipped with a state-of-the-art electronic fuel injection system, this high performance diesel engine produces high-torque at low RPMs for more work capacity.



Telematics

Check the replacement cycle, remote diagnosis, and workload through the mobile app.

1. Remote start and check the status of the tractor.
 - Battery, fuel, gear, PTO, oil temperature, and more
2. Review the tractor's work logs
 - Hours worked, fuel used, average fuel consumption, and more
3. Receive notifications related to the tractor
 - Parts replacement, repairs, emergency alerts, and more



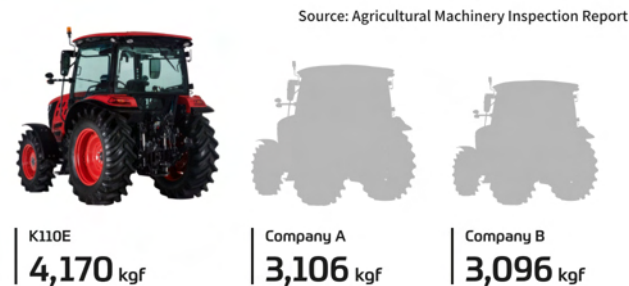
High-capacity fuel tank

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



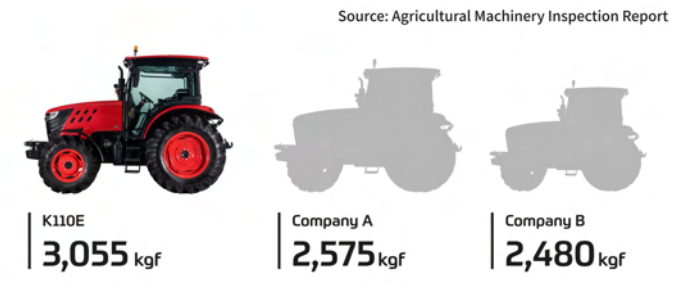
Driver oriented interior

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.

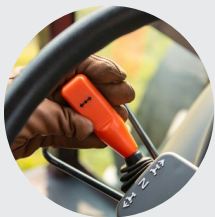


High tow capacity

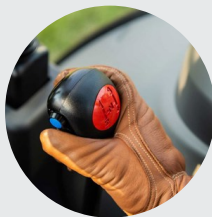
The high tow capacity is perfect for the most difficult jobs.

K110E

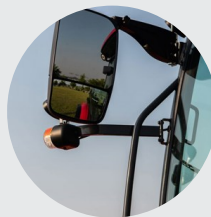
A best-selling utility tractor that provides the power and comfort you need



1. Power shuttle



2. De-clutch



3. Dual side mirrors

Key specifications:

Engine power
111 PS | 82 kW

Engine manufacturer
HD Infracore DM03VA

Lift capacity
4170 kg | 9193.27 lb

PTO power
99.2 PS | 74 kW



4. Electronic lift control



5. Loader joystick



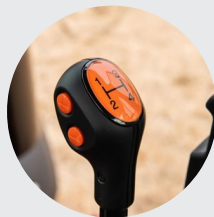
6. External hydraulic control lever

T115

A powerful utility tractor designed to conquer the most demanding tasks



1. Dual side mirrors



2. Powershift transmission



3. Digital instrument panel

Key specifications:

Engine power
113 PS | 83 kW

Engine manufacturer
Deutz TCD 3.6 L4

Lift capacity
3309 kg | 7294.9 lb

PTO power
109 PS | 80 kW



4. Battery shut-off switch



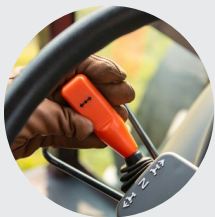
5. LED interior lighting



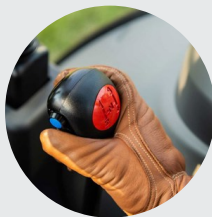
6. Side & rear LED work lights

K120

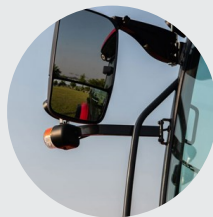
A utility tractor that merges heritage innovation with powerful technology



1. Power shuttle



2. De-clutch



3. Dual side mirrors

Key specifications:

Engine power
117 PS | 86 kW

Engine manufacturer
JohnDeere 4045HK551

Lift capacity
4520 kg | 9965 lb

PTO power
103.3 PS | 76 kW



4. Electronic lift control



5. Loader joystick



6. Beverage cooler / warmer

Specification Guide

MODEL	K110E	T115	K120
ENGINE			
Engine manufacturer	HD Infracore DM03VA	Deutz TCD 3.6 L4	JohnDeere 4045HK551
Type	Turbocharger	Turbocharger	Turbocharger
Engine power	111 PS 82 kW	113 PS 83 kW	117 PS 86 kW
PTO power	99.2 PS 74 kW	109 PS 80 kW	103.3 PS 76 kW
Rated engine speed	2200 rpm	2200 rpm	2100 rpm
No. of cylinders	4	4	4
Displacement	3409 cc 208 cu. in.	3621 cc 221 cu. in.	4525 cc 276.1 cu. in.
Air cleaner	Dry element	Dual dry	Dry element
Alternator	12V, 110A	12V, 120A	12V, 110A
Fuel system	DI	CRDI	DI
POWERTRAIN			
Transmission type	Power shuttle	Power shuttle	Power shuttle
No. of speeds	F12 × R12	F32 × R32	F16 × R16
Max. traveling speed	35.28 km/h 21.92 mph	37 km/h 23 mph	33.67 km/h 20.92 mph
Brakes	Wet disc	Wet, Multi disc	Wet disc
Steering	Hydrostatic	Hydrostatic	Hydrostatic
Clutch	Wet disc	Wet/Multi disc	Wet disc
HYDRAULIC SYSTEM			
Pump type	Gear pump	Gear pump	Gear pump
Implement flow	59.9 L/min 15.8 gpm	54.1 L/min 14.3 gpm	69.6 L/min 18.3 gpm
Steering flow	25.7 L/min 6.8 gpm	26.8 L/min 7.1 gpm	28 L/min 7.4 gpm
Total flow	85.6 L/min 22.6 gpm	81.1 L/min 21.4 gpm	97.6 L/min 25.8 gpm
Category, 3-point hitch	Cat 2	Cat 2	Cat 2
Hitch lift capacity	4170 kg 9193.27 lb	3309 kg 7294.9 lb	4520 kg 9965 lb
Hitch lift capacity at 24 inches behind link ends	2744 kg 6049.48 lb	2722 kg 6006.8 lb	3026 kg 6671 lb
Lift control type	Position/Draft/TBS	Position/Draft/TBS	Position/Draft
No. of standard remote valves	6	6	6
PTO			
PTO type	Independent	Independent	Independent
PTO control	Electric/Hydro	Electric/Hydro	Electric/Hydro
PTO rear	540/750/1000 rpm	540/750/1000 rpm	540/750/1000 rpm
CAPACITIES			
Fuel tank	160 L 42.26 gal	120 L 31.7 gal	160 L 42.26 gal
Coolant	12.2 L 12.88 qt	18 L 19.0 qt	8.7 L 9.18 qt
Crankcase	13 L 13.7 qt	8 L 8.5 qt	13 L 13.7 qt
Transmission/Hydraulics system	56 L 14.7 gal	75 L 19.8 gal	56 L 14.7 gal
Front axle	12 L 12.6 gal	17.5 L 4.6 gal	12 L 12.6 gal
DIMENSIONS & WEIGHTS			
Overall length with 3-point hitch	4070 mm 160.2 in.	4450 mm 175.2 in.	4070 mm 158.2 in.
Overall width	2220 mm 87.4 in.	2270 mm 89.4 in.	2270 mm 89.3 in.
Wheelbase	2360 mm 92.9 in.	2380 mm 93.7 in.	2360 mm 92.9 in.
Height to top of cabin	2955 mm 116.3 in.	2850 mm 112.2 in.	2995 mm 109.8 in.
Height to top of ROPS	-	-	-
Min. ground clearance	460 mm 18.1 in.	425 mm 16.7 in.	445 mm 17.5 in.
Min. turn radius with brakes	(L) 4110 mm 161.81 in. / (R) 4170 mm 164.17 in.	(L) 3400 mm 133.86 in. / (R) 3410 mm 134.25 in.	(L) 4380 mm 172.44 in. / (R) 4420 mm 174.01 in.
Min. turn radius without brakes	(L) 5270 mm 207.48 in. / (R) 5440 mm 214.17 in.	(L) 4050 mm 159.45 in. / (R) 4090 mm 161.02 in.	(L) 5860 mm 230.71 in. / (R) 5950 mm 234.25 in.
Weight with cab	4135 kg 9116.1 lb	4055 kg 8940 lb	4050 kg 8928.72 lb
Weight with ROPS	-	-	-
Track width	F: 1540 mm / R: 1670 mm	F: 1720 mm / R: 1650 mm	F: 1525 mm / R: 1655 mm
STANDARD TIRES			
Agricultural - Front	13.6-24	13.6-24	13.6-24
Agricultural - Rear	18.4-34	18.4-34	18.4-34



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