

2023 Catalog



Series 5

Utility Tractors

111 - 117 ps

For distribution and sales in the South Korean market only

Series 5 Utility Tractors

While combining greater power output and maximized lift capabilities, the Series 5 TYM tractors also balance high maneuverability while increasing ground coverage with each pass. Faster

traveling speeds make these tractors ideal for medium-to-heavy duty applications that demand productivity.



K110E

Engine power Lift capacity
111 ps 4170 kg



T110

Engine power Lift capacity
111.5 ps 3844 kg



K120

Engine power Lift capacity
117 ps 4640 kg

Upgraded capabilities and enhanced productivity to tackle your challenges

The Series 5 tractors include premium TYM utility models, designed with optimum dimensions for maximum maneuverability. Additionally, these tractors have a less than 10% drop-off in power from the front to back, powered by a high efficiency, liquid-cooled engine certified for Tier 4 standards. Combined with a large volume fuel tank, this tractor is ready to take on any time-intensive, medium-to-heavy duty applications.

To enable further productivity during running, the tractor is fitted with a premium operator cabin, complete with full AC and heating and an intuitive console comprising all major controls.

Most popular applications



Livestock &
Poultry



Land Clearing
& Forestry



Material
Handling



Landscaping



All the right features to get the job done



4-cylinder, Tier 4 Doosan diesel engine

With high power output and low-end torque, this engine maintains the highest level of performance with enhanced efficiency. The advanced fuel injection system and turbo charger, the engine drives tractor productivity in challenging conditions and applications.



Interior detailing to promote operator comfort

Operators can activate core functions easily from the main console, including the PTO on/off switch. Digital displays provide alerts and diagnostic information instantly and at a glance. In addition to a spacious and ergonomic seat, the operator platform has a flat floor with a rubber mat to support comfort during entry, exit and while driving.



Durable, shock absorbing axle configuration

The heavy duty 4WD front axle allows the tractor to lift heavy loads and tow large implements while absorbing shock and maintaining tractor stability. Powerful hydraulics support the power steering system, which benefits from a dual action mechanism using a hydraulic cylinder and tandem type hydraulic pump.



Hydraulic implement controls

Hydraulic implement controls allow easy removal of the attachments from the outside of the cabin.



3-point hitch with powerful lift capacity

The 3-point linkage on the rear has an impressive lift capacity that reaches the end ball joint. The rear PTO control can be used to adjust rpm based on the task, increasing it for more intensive applications like slashing and digging.



6-port rear hydraulic valve for add-on functions

The 6-port valve on the rear of the tractor allows implements of different functions to be controlled easily. This is particularly beneficial for applications like row crop farming and material handling, as trailers are fit with an optional hydraulic brake.

K110E

Best-selling compact utility tractor



1. Power shuttle



2. De-clutch



4. Electronic lift control



5. Loader joystick



6. Beverage cooler / warmer

Key specifications:

Engine power
111 ps

Engine manufacturer
Doosan D34P

Lift capacity
4170 kg

PTO power
101.9 ps

T110

The in-series, top-of-the-line model



1. Telescopic side mirrors



2. Rear and side LED work lights



3. Front mudguards



4. Sun visor



5. Loader joystick



6. Electronic hydraulic control system

Key specifications:

Engine power
111.5 ps

Engine manufacturer
Doosan Infracore D34P

Lift capacity
3844 kg

PTO power
97.9 hp

K120

Smart high performance



Key specifications:

Engine power
117 ps

Engine manufacturer
JohnDeere 4045HFK04

Lift capacity
4640 kg

PTO power
103.3 ps



1. Power shuttle



2. De-clutch



3. Dual side mirrors



4. Electronic lift control



5. Loader joystick



6. Beverage cooler / warmer

Specification Guide

MODEL	K110E	T110	K120
ENGINE			
Engine manufacturer	Doosan D34P	Doosan Infracore D34P	John Deere 4045HFK04
Type	Turbocharger	Vertical cylinder, 4-cycle water-cooled diesel engine	Turbocharger
Engine power	111 ps 82 kW	111.5 ps 82 kW	117 ps 86 kW
PTO power	101.9 ps 75 kW	97.9 hp 73 kW	103.3 ps 76 kW
Rated engine speed	2200 rpm	2300 rpm	2400 rpm
No. of cylinders	4	4	4
Displacement	3409 cc 208.02 cu. in.	3409 cc 208 cu. in.	4525 cc 276.1 cu. in.
Air cleaner	Dry element	Dual Dry	Dry element
Alternator	12V-110A	12V, 110A	12V-110A
Fuel system	Direct Injection	CRDI	Direct Injection
HYDRAULIC SYSTEM			
Pump type	Gear Pump	Dual Gear Pump	Gear Pump
Implement flow	61.6 lpm 16.2 gpm	53.75 l/min 14.2 gpm	69.6 lpm 18.3 gpm
Steering flow	30.8 lpm 8.1 gpm	26.88 l/min 7.1 gpm	33.6 lpm 8.8 gpm
Total flow	92.4 lpm 24.4 gpm	80.69 l/min 21.3 gpm	103.2 lpm 27.2 gpm
Category, 3-point hitch	Cat 2	II	Cat 2
Hitch lift capacity	4170 kg	3844 kg	4640 kg
Hitch lift capacity at 24 inches behind link ends	2744 kg 6049.48 lb	3459 kg 7625 lb	3339 kg 7361.23 lb
Lift control type	Position/Draft/TBS	Position/Draft	Position/Draft/TBS
No. of standard remote valves	6/6	6 port	6/6
CAPACITIES			
Fuel tank	160 L 42.2 gal	110 L (DEF 20 L) 29.1 gal (DEF 5.3 U.S. gal.)	160 L 42.26 gal
Coolant	15.9 L 16.8 qt	16.5 L 4.4 qt	15.9 L 16.8 qt
Crankcase	14 L 14.7 qt	15.9 L 4.2 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 qt	17.4 L 4.6 qt	12 L 12.6 qt
POWERTRAIN			
Transmission type	Power Shuttle	Power Shuttle & Hi/Lo shift	Power Shuttle
No. of speeds	F12 x R12	F32xR32	F16 x R16
Max. traveling speed	35.28 km/h 21.92 mph	39.6 km/h 24.6 mph	33.18 km/h 20.61 mph
Brakes	Wet Disc Hydraulic	Wet Disc	Wet Disc Hydraulic
Steering	Hydrostatic	Hydrostatic	Hydrostatic
Clutch	Wet Disc	Wet Multi Plate	Wet Disc
DIMENSIONS & WEIGHTS			
Overall length with 3-point hitch	4070 mm 160.2 in.	4250 mm 167.32 in.	4020 mm 158.2 in.
Overall width	2220 mm 87.4 in.	2230 mm 87.79 in.	2270 mm 89.3 in.
Wheelbase	2360 mm 92.9 in.	2320 mm 91.33 in.	2360 mm 92.9 in.
Height to top of ROPS	2955 mm 116.3 in.	2860 mm 112.59 in.	2790 mm 109.8 in.
Min. ground clearance	460 mm 18.1 in.	410 mm 16.14 in.	445 mm 17.5 in.
Min. turn radius with brakes	4170 mm 164.1 in.	3650 mm 143.7 in.	4220 mm 166.1 in.
Min. turn radius without brakes	5440 mm 214.1 in.	4120 mm 162 in.	5480 mm 215.7 in.
Weight with cab	4135 kg 9116.1 lb	4055 kg 8940 lb	5480 kg 12081.3 lb
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
STANDARD TIRES			
Agricultural - Front	13.6 - 24 6PR	13.6-24	13.6 - 24 6PR
Agricultural - Rear	18.4 - 34 10PR	18.4-34	18.4 - 34 10PR



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.

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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.