

LandPower



Landpower 125 | 135 | 145 | 165

TIER3
ENGINE ENVIRONMENT STANDARDS

SPECIFICATION

125

135

145

165

ENGINE	β-POWER	β-POWER	β-POWER	β-POWER
Max. Power ISO (kW)	86	98	104	116
Rated Speed (rpm)	2200	2200	2200	2200
Max. Torque (Nm)	515	590	625	691
Max. Torque Speed (rpm)	1250	1250	1250	1 250
Mechanical Fuel Injection, Turbo, Inter Cooled	STD	STD	STD	STD
Bore/Stroke	104/132	104/132	104/132	104/132
Displacement/No. of Cylinders (cm ³)	6728/6	6728/6	6728/6	6728/6
Fuel Tank Capacity (lt)	260	260	260	260

CONFIGURATION	Techno	Techno	Techno	Techno
Platform & Cab Models	Plat/Cab	Plat/Cab	Toptronic	Plat/Cab
			Toptronic	

CLUTCH UNIT				
Single Dry Clutch. Self Adjusting 14in/355mm				
Electro Hydraulic Wet Clutch	STD	STD	–	STD

TRANSMISSION				
Basic Gearbox x6 Speed Synchronised 3 Ranges + Creeper 36 FWD + 36 REV				
Synchronised Mechanical Reverse Shuttle	STD	STD	–	STD
Basic Gearbox x6 Speed Synchronised, 3 Ranges and Creeper 3 Power Shifts per Gear 108 FWD + 36 REV				
Electro Hydraulic Forward and Reverse Shuttle	–	–	STD	–

POWER TAKE OFF				
Electro-Hydraulic Engagement, 2 Speeds 540/1000 (rpm) 1" 3/8 PTO Shaft with 6 or 21 Splines				
Ground Speed PTO	STD	STD	STD	STD

4WD FRONT AXLE				
Type: Rigid Axle	STD	STD	STD	STD
4WD Spring-on Engagement	STD	STD	STD	STD
Max. Steering Angle 55°	STD	STD	STD	STD

BRAKES (INTEGRAL BRAKING SYSTEM)				
Oil-Bath Graphite Coated Front & Rear Brakes	STD	STD	STD	STD
Hydraulic Trailer Brake System	OPT	OPT	OPT	OPT

HYDRAULIC POWER LIFT				
Mechanical Operated	STD	STD	–	STD
Functions: Position Control, Draft Control, Intermix, Floating	STD	STD	STD	STD
Electro Hydraulic Hitch				
Functions: Position Control, Draft Control, Intermix, Floating	–	–	STD	–
Lifting Capacity with 2 Cylinders (kg)	7000	7000	7000	8400
Hydraulic Pump Delivery (ltr/min)	68 + 38	68 + 38	83 + 38	68 + 38
CAT II or III 3 Point Linkage	STD	STD	STD	STD
Auxiliary Hydraulic Valves - No. 1 Valve with Flow Control	3	3	3	3

WEIGHTS AND DIMENSIONS (IN RUNNING ORDER)				
Front Tyers (STD)	14.9 R28	420-70 R28	16.9 R26	540/65 R28
Rear Tyers (STD)	18.4 R28	520-70 R38	20.8 R38	650/65 R38
Total Weight without Ballast (kg)	5500	5500	5500	5500
Wheelbase (mm)	2800	2800	2800	2800
Total Length (mm)	5145	5145	5450	5450
Minimum Width (mm)	2058	2058	2212	2445
Ground Clearance (mm)	520	520	550	550
Height Over Cab/Roof (mm)	2780	2800	2810	2810
Minimum Turning Radius without Brakes (mm)	5350	5350	5350	5350

TRACK ADJUSTMENT #				
Front Track Adjustment (mm)#	1597/2214	1597/2214	620/2238	1620/2238
Rear Track Adjustment (mm)#	1592/2092	1592/2092	1560/2264	1864/2264

BALLASTING				
Rear Wheel Weights	4	4	6	6
Front Ballast Weights 42kg Each	8	10	13	19

See operations and maintenance manual for adjustment with specific tyres.

Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of print these are also subject to change without notice.

STD = Standard – = Not Available
OPT = Optional # = Track adjustments not with listed tyres.



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