

Landini

Powerfarm

80 | 90 | 100 | 110

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ENGINE EMISSION LEVELS



Specification

MODEL: LANDINI POWERFARM	80	90	100	110
ENGINE	PERKINS	PERKINS	PERKINS	PERKINS
Direct Injection Perkins Diesel Engine	1104D-44	1104D-44T	1104D-44TA	1104D-44TA
Rated Power (ISO) hp/kW	73/54	99/61	92/68	102/75
Rated speed (rpm)	2200	2200	2200	2200
Max. Torque (Nm)	261	345	393	416
Max. Torque Speed (rpm)	1650	1400	1400	1400
Bore/Stroke	105/127	105/127	105/127	105/127
Displacement/No of Cylinders (cm ³)	4400/4	4400/4	4400/4	4400/4
Water Cooling	STD	STD	STD	STD
Air Filter Dry Type	STD	STD	STD	STD
Tank Capacity (lt)	120	120	120	120
CLUTCH UNIT				
Mechanical Engagement, Independent	STD	STD	STD	STD
Dual Dry Clutch (inch)	12	12	12	12
TRANSMISSION				
Speed four with Mechanical Shuttle 12 Fwd + 12 Rev	STD	STD	STD	STD
POWER TAKE OFF				
Mechanical Engagement	STD	STD	STD	STD
2 Speeds 540/1000 (rpm) with Ground Speed	STD	STD	STD	STD
4WD FRONT AXLE				
Double-acting Steering Cylinder, Epicyclic Reduction in Hubs, 4WD Mechanical Engagement	STD	STD	STD	STD
Max. steering angle (°)	55	55	55	55
Twin Lock Electro-hydraulic Diff Lock	STD	STD	STD	STD
BRAKES				
Hydraulic Control Oil-bath Graphite Coated Rear Brakes - 10 discs	STD	STD	STD	STD
Oil-bath Graphite Coated Front Brakes - 4 discs (4WD only) IBS Integrated Braking System (4WD only)	STD	STD	STD	STD
Hydraulic Trailer Brake	OPT	OPT	OPT	OPT
HYDRAULIC POWER LIFT				
Mechanical operated	STD	STD	STD	STD
Functions: Position-, Draft -, Intermix- and Floating-, Control Functions	STD	STD	STD	STD
Standard Lifting Capacity	2600	2600	—	—
Standard Lifting Power wit 2 additional Auxiliary Cylinders (kg)	—	—	3700	4200
Hydraulic Pump Delivery (ltr/min)	53	53	53	53
CAT III 3-point Linkage	STD	STD	STD	STD
Standard Auxiliary Hydraulic Valves	2	2	2	2
WEIGHTS AND DIMENSIONS (IN RUNNING ORDER)				
Total length without Ballast (mm)	4136	4136	4136	4160
Max Ground Clearance (mm) # 2WD - 4WD	465-425	465-325	465-325	440-340
Wheelbase 2WD/4WD (mm)	2341/2316	2341/2316	2341/2316	2365/2340
Height at Steering Wheel (mm)	1790	1790	1790	1790
Min Width (mm)	1732	1732	1732	1760
Height to ROPS (mm)	2560	2560	2560	2560
Minimum turning radius without brakes 4WD (mm)	4100	4100	4100	4100
Max. Weight without Ballast 4WD (kg)	3600	3600	3600	3650
TRACKS #				
Front Track Adjustment 4WD (mm) #	1456-1938	1456-1938	1456-1938	1456-1938
Rear Track Adjustment (mm)#	1292-2012	1292-2012	1292-2012	1292-2012
TYRES AND WHEELS				
Front 2WD	7.5 x 16	900 x 16	900 x 16	900 x 16
Front 4WD	320/70R24	13.6R24	380/70R24	14.9R24
Rear 2WD & 4WD	16.9R30	16.9R34	480/70R34	18.4R34
OPERATORS LAYOUT				
Analog Control Panel - Programmable	STD	STD	STD	STD
Silent Block mounted Platform and Cab	STD	STD	STD	STD
BALLAST				
Front Ballast Weights (kg) 2WD/4WD	7 x 36	7 x 36	7 x 36	7 x 36
Rear Ballast Weights (kg) 2WD/4WD	2 x 60	2 x 60	4 x 60	4 x 60

Key: STD = Standard | OPT = Option | – = Not applicable

*** = Power estimated by manufacturer**

= Track adjustment not with listed tyres

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 prior notice