

SWB SERIE 7



SERIE 7 SWB

7-165 • 7-175 • 7-170 • 7-180 Robo-Six
7-175 • 7-180 V-Shift

Landini

Passion for Innovation.

		7-165 Robo-Six	7-175 Robo-Six	7-170 Robo-Six	7-180 Robo-Six	7-175 V-Shift	7-180 V-Shift
ENGINE							
Max power (ISO TR 14396)	hp/kW	155 / 114	166 / 122	155 / 114	166 / 122	166 / 122	166 / 122
Max power with EPM (ISO TR 14396)	hp/kW	165 / 122	176 / 129	165 / 122	175 / 129	176 / 129	176 / 129
Engine speed at max power	rpm	1900					
Max torque without EPM (with EPM) at 1400 rpm	Nm	652 (676)	700 (700)	652 (676)	700 (700)	700 (700)	694 (737)
Manufacturer		FPT					
Engine type - Installation		NEF 45 - structural engine		NEF 67 - structural engine		NEF 45 structural engine	NEF 67 structural engine
Exhaust after-treatment - Stage V / Tier 4 Final		HI-eSCR2					
Cylinders / Displacement / Valves		4 / 4.5 l / 16		6 / 6.7 l / 24		4 / 4.5 l / 16	6 / 6.7 l / 24
Air intake system		turbo intercooler					
Maintenance interval		500 hours					
CAPACITIES							
Fuel tank	l	280					
AdBlue / DEF tank	l	46					
TRANSMISSION							
Type		Robo-Six 6 powershift speeds and 5 robotized ranges				V-Shift continuously variable transmission	
No. of gears		● - 30 FWD + 15 REV without creeper ○ 54 FWD + 27 REV with creeper				-	
Minimum speed - Engine revs	m/h - rpm	3.2 without creeper - 0.4 with creeper				40 - 2200	
Engine speed at 40 km/h	rpm	● - 1577				● - 1550	
Engine speed at 50 km/h	rpm	○ - 1971				○ - 1690	
Transmission control		EasyPilot on RH console (with mechanical remote valves) - EasyPilot on multifunction armrest (with electronic remote valves)				EasyPilot with multifunction armrest	
APS - Auto PowerShift		● - electronically-controlled automatic powershift and range shifting				-	
FRONT AND REAR AXLES							
Front suspended axle		○ - IFS with independent front wheel suspension					
BRAKING SYSTEM							
Front braking system		automatic 4WD engagement when braking					
Trailer braking system		○ - pneumatic brake as per MR with 2 or 2+1 lines, with or without single-line hydraulic brake 2-line hydraulic brake as per MR (40 km/h only)					
Engine brake		●					
HYDRAULIC SYSTEM							
Hydraulic piston pump with CCLS system - flow rate		● - 123 l/min					
Hydraulic piston pump with CCLS system - high flow rate		○ - 160 l/min					
Steering pump - flow rate		● - 52 l/min					
Rear remote valves - type, flow rate, min - max		● - 3 mechanical remotes (M), 80 l/min ○ - 2M, 3M + 2E, 100 l/min 3E, 4E, 5E, 3E+2E, 4E+2E				● - 3 electronic remotes (E), 100 l/min 3E, 4E, 5E, 3E+2E, 4E+2E	
Flow diverter with flow selector - section flow rate		○ - 3 sections with dedicated push-pull connectors - 60 l/min per section					
Mid-mounted remote valves - flow rate		○ - 2 electrohydraulic remotes with multifunction joystick - 100 l/min					
REAR 3-POINT HITCH							
Electronically-controlled rear hitch		with lower link draft control, position control, mixed control, float position					
Category - hitch type		III - quick couplers					
Max lift capacity at the hooks - ram diameter	kg	● - 6400 - 80 mm - ○ - 9300 - 100 mm				● - 9300 - 100 mm	
REAR PTO							
Speeds		540 / 540 E / 1000 / 1000 E					
FRONT 3-POINT HITCH							
Electronically-controlled front hitch		○ - with position control					
Max lifting capacity (OECD at the hooks)	kg	3500					
FRONT PTO							
Type		○ - electrohydraulic multidisc with modulation control					
Speeds		1000					
CAB							
Landini mechanical suspension		● - mechanical cab suspension system					
EasyPilot with multifunction armrest		○ - with electrohydraulic remote valves					
DSM Data Screen Manager		○ - 12" touch screen monitor with electrohydraulic remote valves				● - 12" touch screen monitor with electrohydraulic remote valves	
Radio system		○ - radio DAB mp3 with 4 speakers, bluetooth, aux-in and integrated microphone					
Halogen working lights		● - 14 with EasyPilot on RH console ○ - 18 with EasyPilot on multifunction armrest				○ - 18 with EasyPilot on multifunction armrest	
LED working lights		○ - 16 with EasyPilot on RH console ○ - 20 with EasyPilot on multifunction armrest				○ - 20 with EasyPilot on multifunction armrest	
ON BOARD TECHNOLOGY							
PSM Precision Steering Management, rear ISObus & EasySteer- ready		○					
PSM Precision Steering Management, rear ISObus & EasySteer - EGNOS full kit		○					
PSM Precision Steering Management, rear ISObus & EasySteer - RTK NTRIP full kit		○ - Argo Tractors Spare Parts					
Landini Fleet Management - 3-year full plan subscription		○					
WEIGHTS AND DIMENSIONS							
Wheelbase	mm	2651		2760		2651	2760
Shipping weight - measured with average specifications	kg	6400		6700		6400	6700
Gross vehicle weight	kg	11500					
Max front and rear tire size - (Index radius - IR)	mm	600 / 60R28 (IR 675) - 710 / 60R38 (IR 875)					

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