

Landini



blizzard 85

- **power-flow**
Transmission
- **landtronic** Electronic Lift +
Electro - Hydraulic Diff Lock
- Q - Cab
- Gearbox lateral levers

Specification Sheet

PERFORMANCE

Rated engine power at 2200 rev/min * 86 BS H.P. (+ 80 DIN H.P.)
 Max. engine torque at 1400 rev/min * 303 Nm (+ 282 Nm)
 Max. p.t.o. H.P. * 81 BS H.P. (+ 75 DIN H.P.)
 at 540 rev/min * 74 BS H.P. (+ 70 DIN H.P.)
 at 1000 rev/min * 74 BS H.P. (+ 70 DIN H.P.)
 N.B. p.t.o. HP manufacturer's estimate
 * BS AU 141a (+ DIN 70020)

ENGINE

Make/Type Perkins/4.248
 Injection Direct
 Bore/Stroke 101.1/127 mm
 Capacity/n. of cylinders 4070/4
 Compression ratio 16:1
 Cooling system Water
 Air cleaner Dry air cleaner

CLUTCH

Type Independent, dry dual-disc
 Diameter 12"
 Lining material Cerametallic/Organic
 Engagement Mechanical
 — travel clutch - pedal
 — PTO clutch - hand lever

ELECTRICS

Battery N. 1 of 95 ah
 Alternator LUCAS/A115/45 AMP

TRANSMISSION - POWERFLOW

12 Forward, 12 reverse (synchromesh reverse shuttle)
 Helical gears.
 Road speeds (km/h) rated engine speed.
 16.9R34 rear tyres.

Gear	Forward	Reverse
1	1.72 Km/h	1.73 Km/h
2	2.71 Km/h	2.73 Km/h
3	3.42 Km/h	3.45 Km/h
4	4.12 Km/h	4.16 Km/h
5	5.05 Km/h	5.10 Km/h
6	6.48 Km/h	6.54 Km/h
7	8.18 Km/h	8.26 Km/h
8	10.17 Km/h	10.27 Km/h
9	12.07 Km/h	12.19 Km/h
10	15.98 Km/h	16.14 Km/h
11	20.19 Km/h	20.39 Km/h
12	29.76 Km/h	30.06 Km/h

POWER TAKE OFF

Type Totally Independent and Ground PTO
 Engagement Mechanical - in cab hand lever
 — 540 rev/min at 1944 engine rev/min
 — 1000 rev/min a 1917 engine rev/min
 Number of splines 6
 Shaft diameter 35 mm (1.3/8")

HYDRAULICS

Functions Draft Control
 Position Control
 Intermix and floating control
 Max. oil flow 42.3 litre/min
 Max. lift capacity:
 — without auxiliary cylinders 2600 Kg
 — with 1 auxiliary arms horizontal 3150 Kg
 — with 2 auxiliary cylinders and arms horizontal 3700 Kg

FRONT AXLE

Steering Hydrostatic

4 WHEEL DRIVE

Axle type New Generation NG200CD
 Engagement Mechanical
 Max steering angle 50°

BRAKES

Type 10 discs, oil bath, graphite coated
 Engagement Mechanical
 Parking brakes Actuation by the main brakes

TRACK ADJUSTMENT

Front — 2 WD (6 positions) 1420-1929 mm
 — 4 WD (8 positions) 1506-2082 mm
 Rear (8 positions) 1324-2006 mm

TYRES AND WHEELS

Front/rear combinations available are indicated *

Front \ Rear	2WD		4WD				
	7.50-20 6 PR Pressed	9.00-16 8 PR Pressed	12.4R24 ADJ. 6 PR Pressed	11.2R24 ADJ. 6 PR Pressed	13.6/12-24 ADJ. 6 PR Pressed	380/70R24 ADJ. 6 PR Pressed	360/70R24 ADJ. 6 PR Pressed
18.4R30 6 PR Pressed e P.A.V.T.	•	•	•				
13.6R38 6 PR Pressed	•		•				•
16.9R34 6 PR Pressed e P.A.V.T.	•	•			•		
13.6R36 6 PR Pressed	•			•			
480/70R34 6 PR Pressed P.A.V.T.		•				•	

WEIGHTS AND DIMENSIONS

With fuel, oil and water. Without weights
 2WD Tyres: 9.00-16 / 16.9R-34
 4WD Tyres: 13.6R-24 / 16.9R-34

	2WD	4WD
Weight — front	1090 Kg	1390 Kg
— rear	2260 Kg	2260 Kg
— total	2350 Kg	3650 Kg
Total Length	3810 mm	
Minimum width	1927 mm	
Height — over hood	1448 mm	
— over cab	2480 mm	
Turning radius		
— with brakes	3.8 m	4.0 m
— less brakes	4.4 m	4.2 m
Ground clearance:		
— under drawbar	532 mm	
— under front axle	540 mm	430 mm
— wheelbase	2340 mm	2316 mm

CAPACITIES

Fuel tank 86 litres
 Hydraulic system 33 Kg (Transmission)

CAB

Q-Cab with platform suspended on silent block -
 Side gearbox levers - Fully adjustable seat -
 Heater and ventilation - Front/rear tiltable
 windscreens - Titable steering - Digital instrument
 panel - Rotating beacon - Antenna - Radio
 predisposition - Front/rear working lights - Rear
 windscreens wiper - De luxe seat (fabric coated)

OPTIONAL EQUIPMENT

- 1) reverse shuttle + *creeper 24 fwd + 12 rev.
 - 2) reverse shuttle + underdrive 24 fwd + 12 rev.
 - 3) reverse shuttle + overdrive 24 fwd + 12 rev.
- * Creeper gear is intended for very low ground speed, live p.t.o. use and light draft applications.
- Front disc brakes - hydraulically actuated 4 WD only
 - 11" Dry dual clutch
 - Hydraulic trailer braking system
 - Pneumatic trailer braking system
 - Hydraulic differential lock (HYDRALOCK) front/rear or rear only
 - P.T.O. at 750 rev./min. at 1934 rev./min.
 - Up to 2 lift assistor rams
 - Auxiliary spool valves - up to 3 s/d acting Detent - Kickout
 - 8 Front weights 36 kg each
 - 4 Rear weights 60 kg each
 - Front fenders
 - Landtronic ELC + electro-hydraulic diff lock



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