

Landini



8860

power-flow Transmission

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. at 540 rev/min * 81 BS H.P. (+ 75 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 Oil bath air filter - cyclone pre-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 - 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 37.4 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 8 discs, oil bath
 Engagement Mechanical
 Parking brakes Actuation by the main brakes

TRACK ADJUSTMENT

Front — 2 WD (8 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	2 WD		4 WD		
		7.50-20 6 PR Pressed	9.00-16 8 PR Pressed	12.4/11-24 ADJ. 6 PR Pressed	360/70R24 ADJ. 6 PR Pressed	380/70R24 ADJ. 6 PR Pressed
Rear						
16.9/14-30 6 PR Pressed						
18.4/15-30 6 PR Pressed/P.A.V.T.			●	●		
13.6/12-38 6 PR Pressed		●		●		
16.9/14-34 6 PR Pressed/P.A.V.T.						
13.6/12-36 6 PR Pressed						
480/70R34 Pressed P.A.V.T.			●			●

WEIGHTS AND DIMENSIONS

With fuel, oil and water.
 2WD Tyres: 9.00-16 / 16.9R-34
 4WD Tyres: 13.6R-24 / 16.9R-34

	2WD	4WD
Weight — front	1134 Kg	1323 Kg
— rear	1793 Kg	1824 Kg
— total	2927 Kg	3147 Kg
Total Length	3810 mm	
Minimum width	1830 mm	
Height — over hood	1488 mm	
— over safety frame	2590 mm	
Turning radius		
— with brakes	3.45 m	3.6 m
— less brakes	3.95 m	4.1 m
Ground clearance:		
— under drawbar	532 mm	
— under front axle	540 mm	437 mm
— wheelbase	2340 mm	2316 mm

CAPACITIES

Fuel tank 86 litres
 Hydraulic system 33 Kg (Transmission)

SAFETY FRAME

Type Rollbar - OECD tested

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
 - Sun canopy

LANDINI S.p.A.

Via Matteotti, 7 - 42042 FABBRICO (RE)
 Tel. (0522) 656111 (10 linee)
 Fax (0522) 660725
 ☎ Landini Fabbrico - Telex 530024 LANDINI I

This literature has been published for worldwide distribution. Illustrations and text may include specifications and optional equipment in addition of different to the standard models available in your area. Your distributor or dealer will be pleased and able to give you details.
 Landini has a company policy of continuous improvement and development, therefore specifications are subject to change without notice. The company accepts no responsibility for discrepancies in specifications of illustrations contained in its publications.