

Landini



6860

power-flow Transmission

Specification Sheet

PERFORMANCE

Rated engine power at 2200 rev/min * 68 BS H.P. (+ 62 DIN H.P.)
 Max. engine torque at 1400 rev/min * 259 Nm (+ 243 Nm)
 Max. p.t.o.-H.P. at 540 rev/min * 64 BS H.P. (+ 58 DIN H.P.)
 at 1000 rev/min * 61 BS H.P. (+ 56 DIN H.P.)
 N.B. p.t.o. HP manufacturer's estimate
 * BS AU 141a (+ DIN 70020)

ENGINE

Make/Type Perkins/4.236 (d)
 Injection Direct
 Bore/Stroke 98.5/127 mm
 Capacity/n. of cylinders 3870/4
 Compression ratio 16:1
 Cooling system Water
 Air cleaner Oil bath air cleaner cyclone pre-filter

CLUTCH

Type Independent, dry dual-disc
 Diameter 11"
 Lining material Organic
 Engagement Mechanical
 — travel clutch - pedal
 — PTO clutch - hand lever

ELECTRICS

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

TRANSMISSION

12 Forward, 12 reverse (synchromesh reverse shuttle)
 Helical gears.
 Road speeds (km/h) rated engine speed.
 16.9R30 rear tyres.

| Gear | Forward | Reverse |
|------|------------|------------|
| 1 | 1.78 Km/h | 1.79 Km/h |
| 2 | 2.79 Km/h | 2.82 Km/h |
| 3 | 3.53 Km/h | 3.56 Km/h |
| 4 | 4.24 Km/h | 4.28 Km/h |
| 5 | 5.20 Km/h | 5.25 Km/h |
| 6 | 6.67 Km/h | 6.72 Km/h |
| 7 | 8.43 Km/h | 8.51 Km/h |
| 8 | 10.47 Km/h | 10.57 Km/h |
| 9 | 12.43 Km/h | 12.55 Km/h |
| 10 | 16.46 Km/h | 16.62 Km/h |
| 11 | 20.79 Km/h | 21.00 Km/h |
| 12 | 30.65 Km/h | 30.95 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

FRONT AXLE

Steering Hydrostatic balanced

4 WHEEL DRIVE

Axle type New Generation NG100CD
 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 (6 positions) 1420-1920 mm
 — 4 WD (8 positions) 1451-1831 mm
 Rear (8 positions) 1400-2000 mm

TYRES AND WHEELS

Front/rear combinations available are indicated ●

| Front \ Rear | 2 WD | | 4 WD | | |
|-------------------------|----------------------------|----------------------------|---------------------------------|------------------------------------|------------------------------------|
| | 7.50-18 6 PR Pressed | 7.50-16 6 PR Pressed | 12.4R20 ADJ. 6 PR Pressed | 11.2/10-24 ADJ. 6 PR Pressed | 12.4/11-24 ADJ. 6 PR Pressed |
| 16.9/14-30 6 PR Pressed | ● | | | | ● |
| 14.9/13-28 6 PR Pressed | | ● | ● | | |
| 12.4/11-36 6 PR Pressed | ● | | | ● | |

WEIGHTS AND DIMENSIONS

With fuel, oil and water. Without weights
 2WD Tyres: 7.50-18 / 16.9R-30
 4WD Tyres: 12.4R-24 / 16.9R-30

| | 2WD | 4WD |
|----------------|---------|---------|
| Weight — front | 1050 Kg | 1289 Kg |
| — rear | 1457 Kg | 1478 Kg |
| — total | 2507 Kg | 2767 Kg |

Total Length 3424 mm
 Minimum width 1829 mm
 Height — over hood 1464 mm
 — over safety frame 2540 mm

Turning radius
 — with brakes 3,4 m 3,5 m
 — less brakes 3,7 m 3,9 m

Ground clearance:
 — under drawbar 481 mm
 — under front axle 533 mm 481 mm
 — wheelbase 2249 mm 2225 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
- 12" 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.
- 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

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