



- **Compact dimensions (2.0m wide x 2.0m tall) and tight turning radius (3150mm) provide excellent manoeuvrability**
- **Powerful turbocharged JCB Dieselmix engine Option of 63kW (85hp) or 74.2kW (100hp)**
- **Servo joystick with intuitive, ergonomic controls – combined with a well-appointed, full-sized cab – provide low-effort, comfortable working conditions**
- **Hydrostatic transmission gives excellent control, ease of use, high tractive effort, fast acceleration and top speed of 40kph***
- **A wide range of attachments, compatible with JCB Loadall or JCB Compact Loadall quickhitches, maximises versatility and productivity**

* Dependent upon engine option

MAX. PAYLOAD: 2.7 tonnes (5952lb) MAX. LIFT HEIGHT: 5.8 metres (19ft)

STATIC DIMENSIONS

| Machine Model | | m (ft-in) |
|----------------------------------|---------|--------------|
| Overall height* | | 2.00 (6-7) |
| Overall width (over tyres)* | | 2.04 (6-8) |
| Inside width of cab | | 0.88 (2-11) |
| Front track | | 1.60 (5-3) |
| Wheelbase | | 2.60 (8-6) |
| Ground clearance | | 0.3 (1-0) |
| Outside turn radius (over tyres) | | 3.15 (10-4) |
| Weight | kg (lb) | 5500 (12125) |
| Tyres | | 380/75 R20 |

*Dependant upon tyre specified.

ENGINE

Latest technology and advanced design provides low fuel consumption, reduced noise, high torque and power output, total reliability and minimal maintenance. Two-stage, dry type air filter with primary and safety elements.

Territory dependent.

| | | Stage III | Stage III |
|----------------------|------------------------|--------------|---------------------|
| Model | | Dieselmax | Dieselmax |
| Manufacturer | | JCB | JCB |
| Displacement | ltr (in ³) | 4.4 (269) | 4.4 (269) |
| No. of cylinders | | 4 | 4 |
| Bore size | mm (in) | 103 (4.05) | 103 (4.05) |
| Stroke | mm (in) | 132 (5) | 132 (5) |
| Aspiration | | Turbocharged | Turbocharged cooled |
| Power rating | | | |
| Power @ 2200rpm | kW (HP) | 63 (85) | 74.2 (100) |
| Torque rating | | | |
| Torque @ 1300rpm | Nm (lbf ft) | – | 440 (324) |
| Torque @ 1200rpm | Nm (lbf ft) | 362 (267) | – |

HYDRAULICS

Two stage gear pump, fitted with suction strainer and filter. One boom end auxiliary hydraulic service fitted as standard.

| | | |
|-----------------------------------|-------------------|----------------|
| Operating system pressure | bar (psi) | 260 (3770) |
| Flow at system pressure @ 2200rpm | ltr/min (gal/min) | 126 (27.7) |
| Hydraulic Cycle Times | | Seconds |
| Boom raise | | 4.7 |
| Boom lower | | 3.4 |
| Extend | | 4.9 |
| Retract | | 2.8 |
| Bucket dump | | 2.2 |
| Bucket crowd | | 2.8 |

TRANSMISSION

Closed loop variable displacement pump with a continuously variable hydrostatic drive. Comprising of a mechanical gearbox, hydraulic motor and control unit. Permanent 4 wheel drive. Travel speed: 20kph (12mph), 30kph (19mph) and 40 kph (25mph).

LIFT PERFORMANCE

| | | |
|------------------------------|-----------|-------------|
| Maximum lift capacity | kg (lb) | 2700 (5952) |
| Lift capacity to full height | kg (lb) | 2000 (4409) |
| Lift capacity at full reach | kg (lb) | 1250 (2755) |
| Lift height | m (ft-in) | 5.80 (19-0) |
| Reach at maximum lift height | m (ft-in) | 0.33 (1-1) |
| Maximum forward reach | m (ft-in) | 3.00 (9-11) |
| Reach with 1 tonne load | m (ft-in) | 3.00 (9-11) |
| Placing height | m (ft-in) | 5.07 (16-7) |

Complies with stability test EN 1459 Annex B.