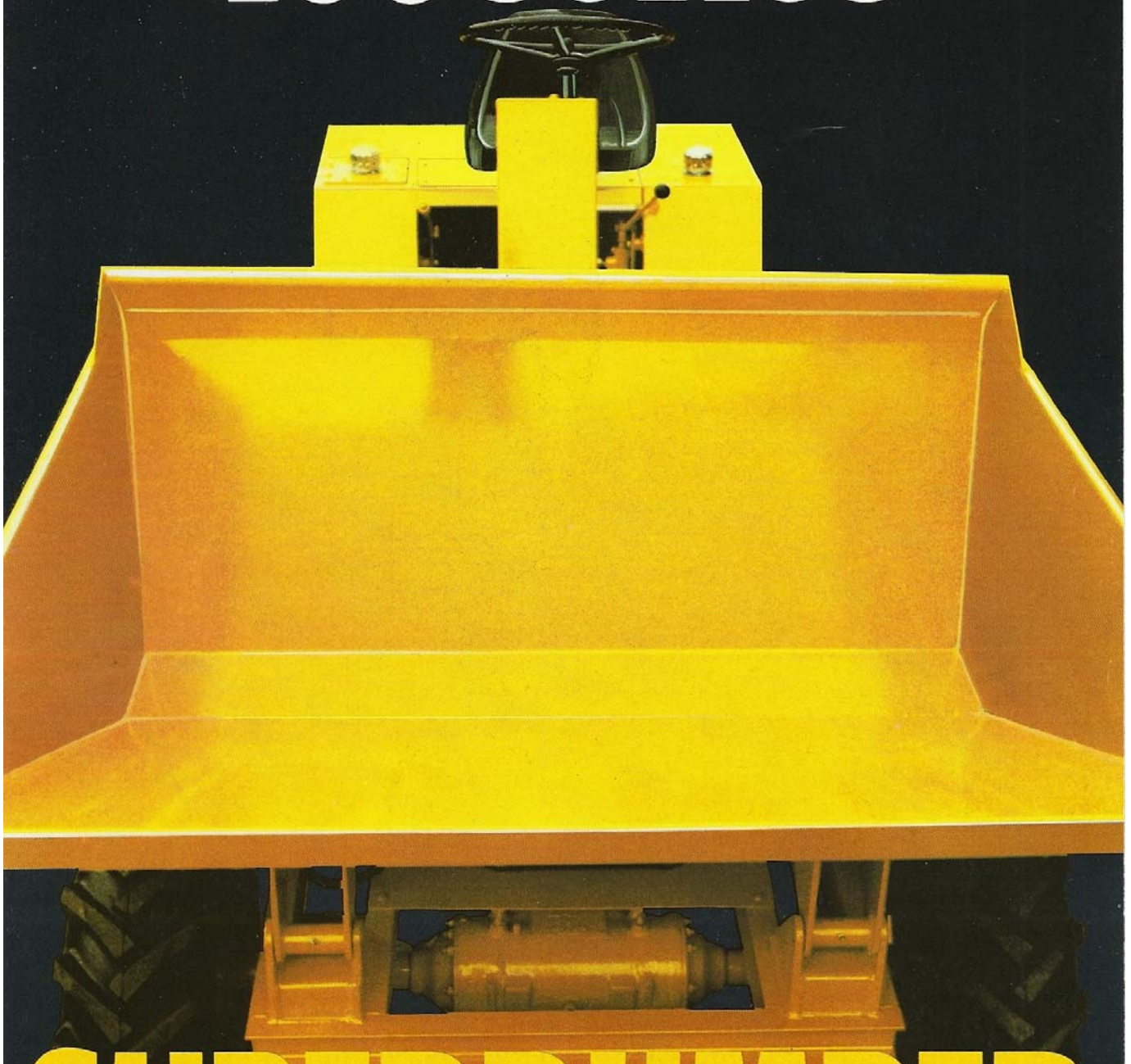
JOHNSON

100 series



SUPERDUMPER

Bred to work

Axles and gearbox designed and manufactured specifically for the construction industry.
Wide tyres to give low ground pressure on heavy sites.
Separate braking system on front and rear axles.
Clean skip shape to prevent load retention.
Hydrostatic steering for ease of control in difficult site conditions.
Four wheel drive articulated chassis giving identical tracking leaving more power for load carrying.
Central driving position for all round visibility.
Excellent power to weight ratio minimises engine and gearbox wear and tear, also maintaining excellent traction whether loaded or unloaded.

Whilst giving full weather protection the hinged engine canopy with self-locating catches, gives ease of access for all engine maintenance and general servicing.

Giving excellent all-round driver visibility. Open scrape style foot step, on to driver's platform.
All controls are ideally placed for ease of operation, minimising driver fatigue.

100 series SUPERDUMPER

Built to last

Chassis constructed from heavy duty box sections and rolled steel channels suitably reinforced.
Skip fabricated from 3mm to 5mm plate with roll framed edges for strength and rolled channel underframe. Folded channel rear frame.
Totally enclosed oil immersed multiplate disc brakes on both drive axles.
Diesel and hydraulic tanks fabricated from 3mm plate.
Centre pivot and articulation bearings of phosphor bronze on steel shafts.
General and simple unique assembly cuts downtime and gives low cost maintenance both in on-site conditions and workshop repair and servicing.

The location of two identical master cylinders linked by a compensation beam to a common pedal and supplied from the main hydraulic tank gives a large reserve capacity to the dual braking system.

The simple robust centre pivot assembly with phosphor bronze bush bearings give long life to central articulation and pivot steering.

JCM 200X JCM 250X JCM 300X

Technical Information

Standard features on all models

- Four wheel drive.
- Dual braking system.
- Transmission handbrake.
- Totally enclosed oil-immersed internal disc brakes.
- Centre articulation.
- Twin tipping rams.
- Hydrostatic steering.
- Accoustic silencer.
- Identical master cylinders.

	JCM 200X	JCM 250X	JCM 300X
Payload	2040 kg	2540 kg	3050 kg
Skip Capacity:			
Water level	950 L	1125 L	1300 L
Struck	1100 L	1300 L	1500 L
Heaped	1500 L	1770 L	2000 L
Weight	1740 kg	2030 kg	2330 kg
Length	3157 mm	3293 mm	3360 mm
Width	1788 mm	1830 mm	1956 mm
Height	1855 mm	1885 mm	1960 mm
Track	1475 mm	1485 mm	1551 mm
Wheelbase	1850 mm	1950 mm	1950 mm
Ground Clearance	265 mm	289 mm	330 mm
Engine h.p.	19.8 (14.8 kw)	24.7 (18.4 kw)	31.0 (23.0 kw)
Revs. per min.	2200	2000	2400
Speeds			
1	4.0 km/hr	3.25 km/hr	4.0 km/hr
2	9.5 km/hr	7.75 km/hr	9.0 km/hr
3	17.5 km/hr	14.00 km/hr	17.0 km/hr
R	4.5 km/hr	3.75 km/hr	4.5 km/hr
Electric Starter	—	Standard	Standard

JOHNSON CONSTRUCTION MACHINERY LTD

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In accordance with our policy of continual improvement we reserve the right to modify these machines without notice.

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