

2.3 Tonne Power Swivel

KEY FEATURES & BENEFITS - MACH2077

Hydrostatic
TRANSMISSION



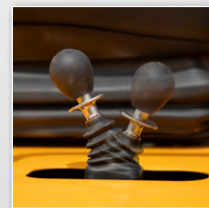
The Thwaites 2.3 Tonne Power Swivel, Stage V dumper is manufactured with contractors and hirers in mind – ensuring operator safety, reducing risk on site and improving performance. Powered by an 18.1 kW 3-cylinder Yanmar engine, delivering 107 Nm max torque for optimum traction and control, this machine is driven by a Hydrostatic transmission, making it simple and straightforward to operate.

This compact plus machine is available exclusively as a Power Swivel machine only, giving optimum performance when space is at a premium. The Power Swivel skip enables a 90° rotation left and right, allowing the machine easier access to tip loads in restricted areas, giving the operator greater control and reducing risk on site. It has a fully welded 6 mm steel plate skip to the mouth and sides with reinforced box section fitted to minimise skip damage.

Each dumper is supplied as standard with a Spring Activated Hydraulic Release (SAHR) Handbrake, full LED road lights including daylight running lights, ROPS frame, towing bracket, LED beacons and a reverse alarm.

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Thwaites

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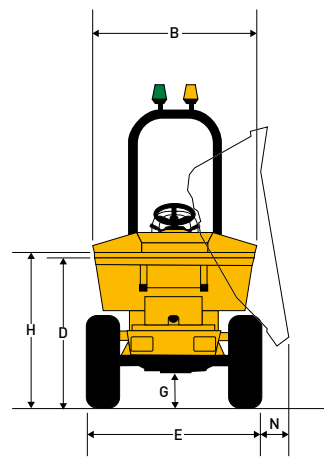
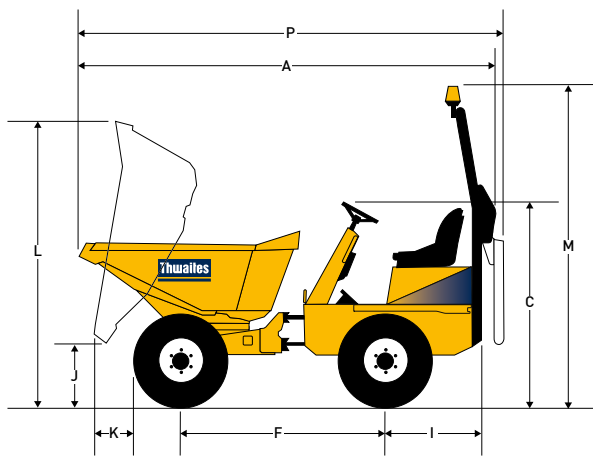


GET THE JOB DONE.

2.3 Tonne Power Swivel

DIMENSIONS & SPECIFICATIONS - MACH2077

(mm)



A	3726	N	189
B	1471	P	3891
C	1926		
D	1356		
E	1488		
F	1850		
G	282		
H	1416		
I	1042		
J	728		
K	475		
L	2671		
M	3053		

Weight	Unladen	2150 kg
	Shipping	2058 kg

Capacities	Max safe load	2300 kg
	Heaped	1205 litres
	Struck	875 litres
	Water	770 litres

Engine

- › Yanmar 3TNV88-BWWA, water-cooled, 3-cylinder water cooled direct-injection diesel
- › Power 18.1 kW/24.3 bhp at 2000 rpm
- › Torque 107 Nm (78.9 lbf ft)

Noise Levels

- › Operator's ear 84 LpA / airborne level 101 LwA

Transmission

- › Hydrostatic with high/low speed range, column mounted directional control lever and inching facility

Speeds	Forward and Reverse	
	Low	0–5.5 km/h (3.4 mph)
	High	0–15.0 km/h (9.3 mph)

Brakes and Axles

- › Totally enclosed multiplate oil-immersed discs mounted on rear axle & auto wear adjustment
- › Hand operated parking brake (SAHR)

Kinglink Chassis

- › Constructed from folded steel plate, with three point Kinglink giving articulation and oscillation for better stability, traction and safety on site

Skip

- › Hydraulically operated, 6 mm steel plate all round
- › Skip mouth & sides reinforced with box sections
- › Power Swivel skip enables a 180° rotation

Seating & Controls

- › Adjustable suspension seat with high-vis seat belt
- › LED warning lights for all critical functions

Service Access

- › Lockable engine cover for ground level service points
- › Diesel and hydraulic tanks positioned low permitting access to the filler caps

Electrics

- › Wiring harness contained within conduits and all electrical components water resistant to IP65/67 standards.

Steering and Hydraulics

- › Hydraulic power steering
- › Return line filtration for all services
- › Hydraulic test point fitted as standard

Tank Capacities	Fuel	24.5 litres
	Hydraulic	25.0 litres

Turning Circle	7.5m
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Standard Equipment

- › Full LED road lighting incl. DRL (Daylight Running Lights)
- › LED beacons
- › Towing bracket
- › Reverse alarm

Optional Equipment

- › Road mirrors
- › Wheel nut indicator
- › Sand tyres

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