9 Tonne Power Swivel

KEY FEATURES & BENEFITS - MACH597

Designed to maximise productivity in restricted working environments, the Thwaites 9 Tonne Power Swivel dumper incorporates a powered 180° rotating skip, allowing loads to be discharged precisely where required without repositioning the machine. This enhances efficiency, reduces cycle times, and improves site safety. The skip is mounted on a heavy-duty ball bearing turntable and powered by twin slewing cylinders, providing smooth, controlled, and accurate load placement.

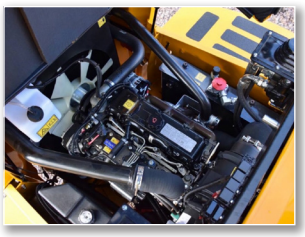
A powerful Perkins 1104D turbocharged and aftercooled diesel engine delivering 83 kW and 418 Nm of torque, together with a smooth four-speed powershift transmission, ensures outstanding performance, productivity, and reliability. The robust articulated chassis with the proven Kinglink system provides excellent stability, traction, and operator confidence across challenging terrain, while permanent four-wheel drive maximises performance in demanding site conditions.

The Thwaites Perkins Range can perfectly match your needs with the following alternative build options:

- 9T Front Tip (MACH594)
- 6T Power Swivel (MACH664)

As standard, the machine is equipped with oil-immersed multi-disc brakes on both axles, priority power steering, hydraulic oil cooler, hydraulic test point, towing bracket, adjustable suspension seat, folding ROPS frame, full road lighting package with mirrors, beacon, and broadband reversing alarm. Durable IP65/IP67-protected electrical systems and excellent ground-level service access help minimise maintenance time and maximise machine uptime.

Safe, compliant and competitive.



Thwaites

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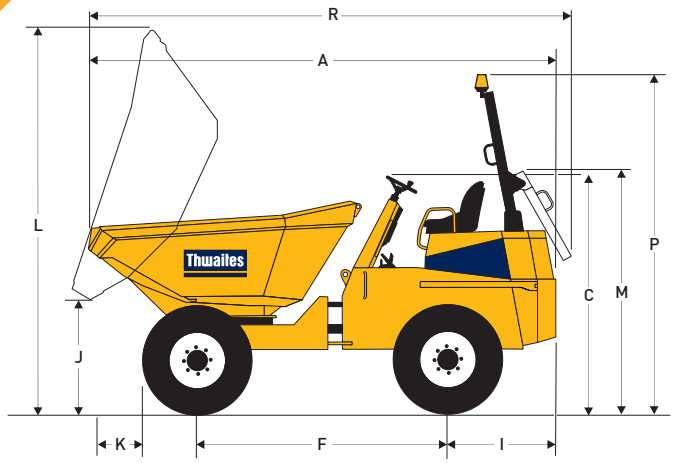
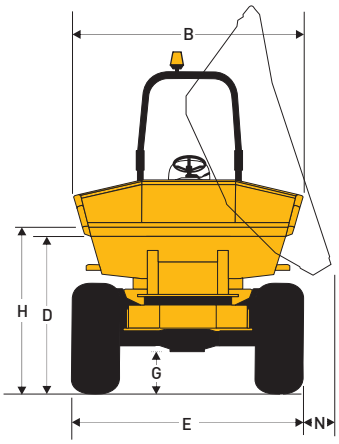
GET THE JOB DONE.

9 Tonne Power Swivel

DIMENSIONS & SPECIFICATIONS - MACH597





(mm)

A	5047	N	378
B	2435	P	3610
C	2540	R	5425
D	1820		
E	2440		
F	2660		
G	447		
H	2002		
I	1256		
J	1134		
K	1131		
L	4000		
M	2630		

Weight

Unladen	5300 kg
Shipping	5256 kg

Capacities

Max safe load	9000 kg
Heaped	4250 litres
Struck	3400 litres
Water	2050 litres

Engine

Perkins 1104 D series, 83 kW/111 bhp (gross) at 2200 rpm, 4-cylinder turbo-charged, after-cooled direct-injection diesel. Max. torque 418 Nm (308 lb ft). Hour meter, battery isolation switch and heavy-duty Power Core air cleaner positioned within the lockable engine compartment. Tier 3-/ Stage IIIa-compliant.

Noise Level

Operator's ear 84 LpA, airborne sound power level 103 LwA (to 2000/14/EC).

Transmission

Torque converter four speed forward and reverse Powershift transmission with changes of speed and forward/reverse direction controlled by one column mounted lever.

Speeds

	Forward and Reverse	
1	5.3 km/h	(3.3 mph)
2	8.3 km/h	(5.7 mph)
3	17.0 km/h	(10.5 mph)
4	30.1 km/h	(18.7 mph)

Tyres

500/60 x 22.5
Load/Speed Index 149 A8
Track grip tread

Brakes and Axles

Twin-circuit totally enclosed multiplate oil-immersed discs mounted on both axles with automatic adjustment for wear. Hand-operated parking brake on transmission disc. Heavy-duty axles with epicyclic reduction and fully floating halfshafts.

Kinglink Chassis

Front and rear chassis constructed from deep section folded steel plate, with three-point Kinglink giving centre articulation and oscillation for better stability, traction and extra safety on site. Remote greasing point provided for lubrication of top Kinglink articulation pin.

Skip

Hydraulically operated, 8 mm steel base plate, fully welded, mouth and sides of skip reinforced with box sections giving greater strength to minimise skip damage. No material traps. Powerswivel mounted on ball bearing turntable with powered rotation through 180° by means of twin slewing cylinders, operated by a single dual- axis control lever. Automatic safety lock holds skip in central position when travelling.

Seating & Controls

- Adjustable suspension seat includes settings for driver's weight, fore/aft movement and rear back rake. Seat is accessible from both sides.
- Audible warning device for handbrake in "on" position.
- Electric horn.
- Large pedal pads with handbrake and hydraulic controls ready to hand.
- Super-bright warning lights for all critical functions.

Service Access

- Lockable three-sided cover opens to provide easy access from ground level to engine service points, all located on the same side.
- Rear chassis panel can be hinged back on retainers.
- Additional service access door incorporates the battery.
- Moulded diesel and hydraulic tanks positioned low in the chassis side members, permitting access to the filler caps from ground level.

Electrics

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

Steering and Hydraulics

- Hydraulic priority power steering.
- Oil filter mounted on the top of the tank accessible from ground level.
- Hydraulic test point fitted as standard.
- Oil Cooler.

Tank Capacities

Fuel	70 litres
Hydraulic	70 litres

Shipping Cube

34.8 m³ (with ROPS)

Unladen Weight

5380 kg

Clearance Diameter

13.4 m

Towing Bracket

Standard

ROPS

For the UK and other markets where it is a legal requirement, a folding ROPS frame hinged is fitted as standard.

Standard Equipment

- Beacon
- Full road lighting equipment
- Mirrors
- Reverse alarm

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Images are representative, but specific details or equipment may vary by country.
We reserve the right to change any and all specifications without prior notice. **10/2026**