

Plant and equipment

23T Volvo



Weight: 21 900kg
Width: 2940 mm
Dipper Arm Length: 9050 mm
Max Digging Depth: 6,670mm
Track Pad Width (mm): 700
Engine: Volvo
 common rail direct injection
Engine Rated Power: 128.4 kW
Owner: Kilmac Civil
Location: Sydney

13T Hitachi Excavator



Weight: 13,000Kg
Width: 2,690mm
Dipper Arm Length: 3,010mm
Max Digging Depth: 5,490mm
Track Pad Width (mm): 700
Engine: Isuzu AM-4JJ1X, 4-cycle watercooled,
 common rail direct injection
Engine Rated Power: 73.4 Kw
Owner: Kilmac Civil
Location: Sydney

8T Hitachi



Weight: 9,020Kg (with extra counter weight)
Width: 2,200mm / 2,465mm
Dipper Arm Length: 2,120mm
Max Digging Depth: 4,510mm
Engine: Yanmar 4TNV94L, 4-cycle watercooled,
 direct injection
Engine Rated Power: 34.1 kW
Owner: Kilmac Civil
Location: Sydney

5T Hitachi



Weight: 4 790 - 5 310 kg
Width: 2000mm
Dipper Arm Length: 6, 068mm
Max Digging Depth: 3 530 - 3 830 mm
Engine: Yanmar EDM-4TNV88, 4-cycle watercooled, direct injection
Engine Rated Power: 29.1 kW
Owner: Kilmac Civil
Location: Sydney

5T Kubota



Weight: 5,670 kg
Width: 1,960 mm
Dipper Arm Length: 2,830 mm
Max Digging Depth: 3,630 mm
Engine: Kubota
Engine Rated Power: 33.8 kW
Owner: Kilmac Civil
Location: Sydney

3.3T Hitachi



Weight: 3.619 kg
Width: 1550 mm
Dipper Arm Length: 4,959 mm
Max Digging Depth: 2 790 - 3 130 mm
Engine: Yanmar 3TNV88
Engine Rated Power: 18.8 kW
Owner: Kilmac Civil
Location: Sydney

2.5T Kobelco



Weight: 2.419 kg
Width: 1250 mm
Dipper Arm Length: 1180 mm
Max Digging Depth: 2 790 - 3 130 mm
Engine: Yanmar 3TNV88
Engine Rated Power: 18.8 kW
Owner: Kilmac Civil
Location: Sydney

1.75T Hitachi



Weight: 1,760 kg
Width: 980 mm (can expand to 1,280 mm with adjustable tracks)
Dipper Arm Length: 950 mm (standard) / 1,180 mm (long)
Max Digging Depth: 2,190 mm (standard arm) / 2,370 mm (long arm)
Engine: Yanmar 3TNV70

Piling Rig



Max. pile diameter: 600 mm
Max. pile depth: 12 m
Mast vertical stroke: 900 mm
Max. extraction force: 40 kN
Max. crowd force: 25 kN
Weight: 3800 kg (with 300,450,600 clean out bucket for 450)

 -Kubota D1503-M (Tier 3). Diesel engine power rating 29.3 KW (33.4 HP).

 -Hydraulic system main pump 105 l/min. and auxiliary 10 l/min., hydraulic oil pressure 250 bar.

Kubota Posi



Weight: 1633 kg
Engine: Perkins 403D-15
Engine Rated Power: 25.1 kw
Owner: Kilmac Civil
Location: Sydney

Roller



Operating Weight: ~3,000 kg (3 tons)
Drum Width: ~1,000–1,300 mm (1.0–1.3 m)
Drum Type: Single drum (padfoot or smooth) or double drum (tandem)
Engine Power: ~25–35 HP (18–26 kW)
Vibration Frequency: ~50–70 Hz
Centrifugal Force: ~30–45 kN
Travel Speed: ~0–10 km/h
Water Tank Capacity: ~150–300 L (for asphalt rollers with water spray system)
Fuel Type: Diesel

Dumper



Weight: 10,000kg
Width: 2475 mm
Engine rated power: 55.4 Kw
Engine Type: M-4X4

Scania Beaver Tail



Carrying capacity: 21T
Overall Height: 3.8 meters

12T Fuso



Engine: Mitsubishi FUSO OM457 Diesel
Carrying Capacity: 12T

Crew Cab



Make: ISUZU
Model: npr400 crew
Variant: NPR400 CREW
Tare weight: 3860 kg
Gross vehicle mass: 7500 kg

2T Tipper



Make HINO
Model 300 ser 2 c/cab std 1
Variant XZU605R-WKT-1 (4495)
Tare weight 2785 kg
Gross vehicle mass 4495 kg

Trench Roller



Operating Weight: 1450kg
Operating width: 560-850mm
Operating Height: 1270-1320mm
Operating Length: 1780-1980mm
Rolling Width: 560-860mm