



MP6001 LOW HEAD ROOM ROTARY PILING RIG

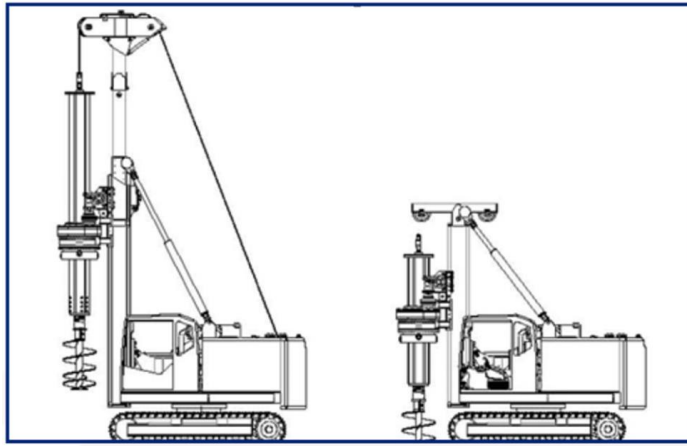
Base carrier	Ackerman H7c / High Mead Developments Ltd
Power unit	Volvo TAD52VE
Rated output	160 kW (214 HP) @ 1800 rpm

Undercarriage

Width over tracks	2900	mm
Track pad width	600	mm
Length over tracks	3990	mm
Clearance under machine	420	mm
Maximum tractive effort	155	kN
Travel speed	2.2	km/hr

Hydraulic system

Hydraulic pressure (max)	250	bar
Main pump delivery	1 x 288 + 1 x 40	lit/min
Auxiliary pump delivery	1 x 27.5 + 1 x 22.8	lit/min
Pilot system pressure	18	bar



Technical Data

- Operating Height (unrestricted) 10,120 mm
- Minimum operating height 5600 mm
- Overall length 5565 mm
- Overall width 2290 mm
- Tailswing radius 2400 mm
- Operating radius 2650 mm
- Operating weight (approx) 25,000 - 28000 kg
- Ground bearing pressure (max) 290 kPa
- Ground bearing pressure (average) 150 kPa

- **Rotary Drive**
- Kelly torque at 230 bar 40 kNm
- Casing drive torque at 230 bar 100 kNm

- **Crowd system**
- Max crowd force 100 kN

- **Main winch** Braden PD17A
- Single line pull (first layer) 75 kN

- **Auxillary winch** Braden PG06
- Single line pull (first layer) 27 kN

- **Mast inclination**
- Fore/aft 5 degrees
- Side/side 5 degrees

