



RUC CEMENTATION MINING CONTRACTORS

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MODEL 61R ROBBINS RAISEBORE MACHINE “SHORTIE”

Raise Size	- Up to 2.1 meter nominal diameter
Raise Length	- 100 meters
Pilot Hole Diameter	- 11” Tri-cone bit size
Drive	-
Drive Type	- Hydraulic Drive
Drive Speeds	- 0 – 24 rpm
Ream Speeds	- 0 – 6 rpm
Pilot Thrust	- 109 tonnes at 24 MPA
Reaming Pull	- 230 tonnes at 27.5 MPA
Weight	-
Transport Means	- Sled
Vertical Drilling	- 3 m (retracted) / 4.5 m (extended)
Dip Angle Limit	- Vertical to 45° Flatter angles to 30° from horizontal with special supports
Power Requirements	- 170 kVA, 1000 Volts, 3 phase, 50 cycles
Water Consumption	- 52 litres per second at 100 PSI (approx). Water is recycled through settling sumps