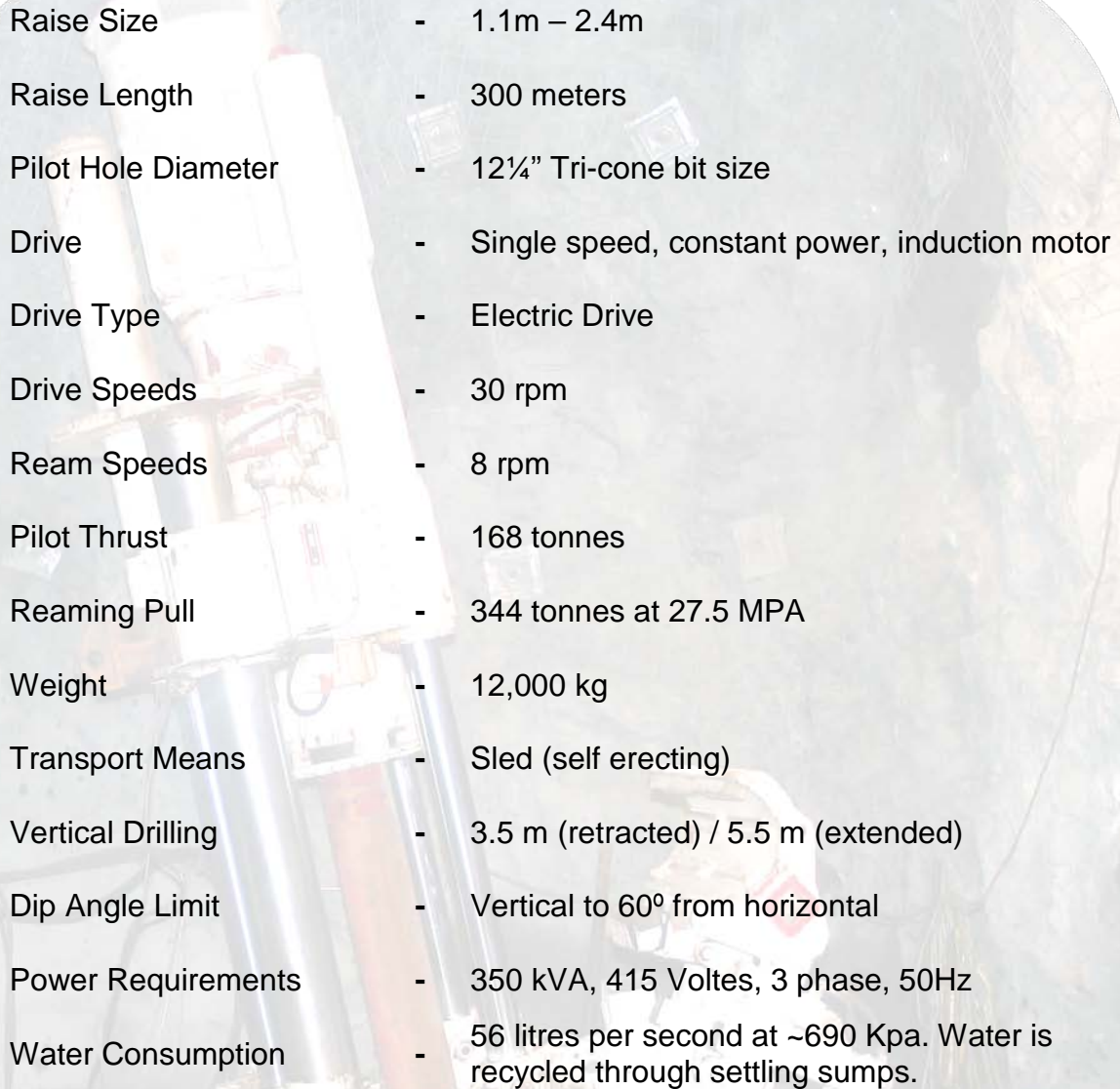




# RUC CEMENTATION MINING CONTRACTORS

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## MODEL 71R ROBBINS RAISEBORE MACHINE



Raise Size	- 1.1m – 2.4m
Raise Length	- 300 meters
Pilot Hole Diameter	- 12¼” Tri-cone bit size
Drive	- Single speed, constant power, induction motor
Drive Type	- Electric Drive
Drive Speeds	- 30 rpm
Ream Speeds	- 8 rpm
Pilot Thrust	- 168 tonnes
Reaming Pull	- 344 tonnes at 27.5 MPA
Weight	- 12,000 kg
Transport Means	- Sled (self erecting)
Vertical Drilling	- 3.5 m (retracted) / 5.5 m (extended)
Dip Angle Limit	- Vertical to 60° from horizontal
Power Requirements	- 350 kVA, 415 Voltes, 3 phase, 50Hz
Water Consumption	- 56 litres per second at ~690 Kpa. Water is recycled through settling sumps.