



RUC CEMENTATION MINING CONTRACTORS

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MODEL 83R ROBBINS RAISEBORE MACHINE

Raise Size	- Up to 4.0m
Raise Length	- 500 meters
Pilot Hole Diameter	- 13¾" or 15" Tri-cone bit size
Drive	- Single speed, constant power, induction motor
Drive Type	- Electric Drive
Drive Speeds	- 32 rpm
Ream Speeds	- 8 rpm
Pilot Thrust	- 158 tonnes at 24 MPA
Reaming Pull	- 517 tonnes at 27.5 MPA
Weight	- 23,000 kg
Transport Means	- Sled (self erecting)
Vertical Drilling	- 4.5 m (retracted) / 6.7 m (extended)
Dip Angle Limit	- Vertical to 60° from horizontal
Power Requirements	- 450kVA, 415 Volts, 3 phase, 50Hz
Water Consumption	- 56 litres per second. Water is recycled through settling sumps.