



# RUC CEMENTATION MINING CONTRACTORS

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## MODEL RBM7 INGERSOLL RAND RAISEBORE MACHINE

Raise Size	-	2.4 m – 4 m
Raise Length	-	200 meters +
Pilot Hole Diameter	-	12¼” or 13¾” Tri-cone bit size
Drive	-	150 kW
Drive Type	-	Hydraulic Drive
Drive Speeds	-	0 – 24 rpm
Ream Speeds	-	0 – 6 rpm
Pilot Thrust	-	150 tonnes
Reaming Pull	-	363 tonnes at 27.5 MPA
Weight	-	15,000 kg
Transport Means	-	Sled (self erected)
Vertical Drilling	-	3.51 m (retracted) / 5.25 m (extended)
Dip Angle Limit	-	Vertical to 52° with flatter angles to 30° from horizontal with special supports
Power Requirements	-	450kVA, 415 Volts, 3 phase, 50Hz
Water Consumption	-	56 litres per second. Water is recycled through settling sumps