



# RUC CEMENTATION MINING CONTRACTORS

1 Yalpari Road, Kalgoorlie, Western Australia 6430  
Telephone: +61 [8] 9021 7777 Facsimile: +61 [8] 9021 3333  
Email: Raisebore@ruc.com.au

## MODEL 85R ROBBINS RAISEBORE MACHINE



Raise Size	- Up to 5 m
Raise Length	- 500 meters
Pilot Hole Diameter	- 13¾" or 15" Tri-cone bit size
Drive	- Hydraulic Motor
Drive Type	- Hydraulic Drive
Drive Speeds	- 0 - 96 rpm
Ream Speeds	- 0 – 6 rpm
Pilot Thrust	- 158 tonnes at 24 MPA
Reaming Pull	- 517 tonnes at 27.5 MPA
Weight	- 26,000 kg
Transport Means	- Sled
Vertical Drilling	- 4.3 m (retracted) / 6.3 m (extended)
Dip Angle Limit	- Vertical to 60° from horizontal
Power Requirements	- 550kVA, 415 Volts, 3 phase, 50Hz or 550kVA, 1000 Volts, 3 phase, 50Hz
Water Consumption	- 56 litres per second. Water is recycled through settling sumps.