

# REDBORE 100

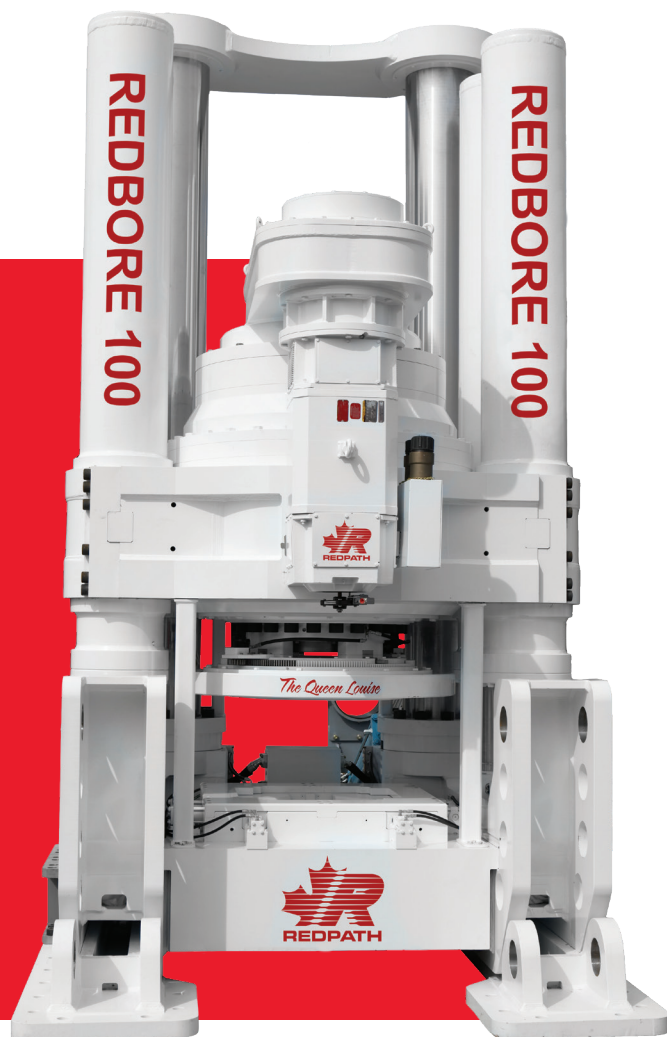
*The Queen Louise*



The Redbore 100 is the crown jewel of the Redbore series of raise drills and is the most powerful, largest, proven capacity raise drilling system ever manufactured. When skipping capacity and drift dimensions are of concern, the machine can be fully dismantled for ease of transportation.

The machine features state-of-the-art electronics and PLC control systems, allowing unprecedented control over the drilling process.

The Redbore 100 can bore raises up to 26' (8 m) in diameter, to depths exceeding 3,280' (1,000 m).



Dimensions*		
	Imperial	Metric
Extended Height**	296"	7.52 m
Footprint Width	117"	2.97 m
Footprint Depth	112 3/8"	2.85 m
Weight	170,462 lbs	77,320 kg
Structural Parameters		
Maximum Table Load	1,500,000 lbs	680,389 kg
Thrust System		
Maximum Upream Force	N/A	N/A
Maximum Conventional Ream Force	3,000,000 lbs	13.345 kN
Maximum Downream Force	N/A	N/A
Rotation System		
Reaming Torque	600,000 ft.lbs	813.5 kN•m
Nominal Parameters		
Pilot Hole Diameter	17 1/2"	444.5 mm
Drill Pipe Diameter	14 1/2"	368.3 mm
Hole Diameter Conventional	26 ft	7.9 m
Hole Diameter Downream	N/A	N/A
Hole Diameter Upream	N/A	N/A
Raise Angle	60° - 90°	
Options		
Redtrax Raise Drill Transporter	N/A	N/A
Erector System	Yes	Yes

\* All dimensions without rod handler. \*\* Deflectors are an option, and will add to height of machine shown. Electrical distribution can be built to suit worldwide site requirements.

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Please contact Sales/Contracting to assist in meeting your exact requirements.