

**RAISE
BORE**

MODEL 800

Here is a complete system for drilling long holes and boring raises as large as 14 ft (4.3 m) in diameter and up to 2,200 ft (670 m) in length. System includes an Electro-hydraulic Power Pack with integral controls, a Remote Control Station and tools to make or break threaded pipe connections.

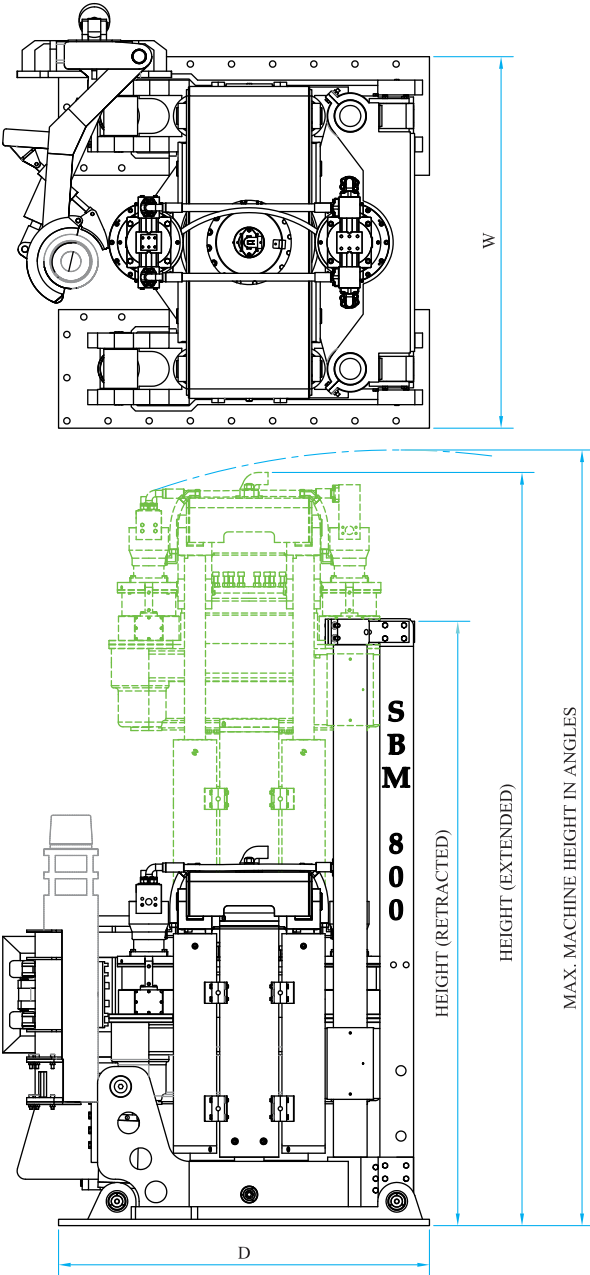
Infinitely variable speed and constant torque of the hydraulic drive enable you to adjust rotary speed to exactly match your drilling conditions. Shifting is done hydraulically for a smooth change into either the high-speed range for pilot hole drilling or the low-speed range for reaming.

The tandem hydraulic cylinder mechanism is the basis for the low profile design which allows the machine to be set up for vertical drilling in a station height of only 17 ft (5 m).



MODEL SBM 800

PERFORMANCE SPECIFICATIONS



(*) The larger capacities are possible in certain rock conditions.
 (**) At 6,000 psi (41 Mpa).
 (***) Includes Pipe Positioner weight.

Optional transporter: Crawler or sled.

Nominal Diameter Capacity (*).....	14 ft 4.3 m
Nominal Length Capacity (*).....	2,200 ft 670 m
Total Installed Horsepower.....	400 hp 300 kW
Reaming Thrust (**).....	1'140,000 lbf 5,000 kN
Max. Torque	200,000 lbf-ft 270 kN-m
Dip Angle Adjustment	45° - 90°

DIMENSIONAL DATA

Machine Width (W)	7 ft 4 in 2,240 mm
Machine Height - Extended.....	15 ft 4,580 mm
Machine Height - Retracted.....	12 ft 3,660 mm
Max. Machine Height in Angles.....	15 ft 6 in 4,730 mm
Machine Depth (D)	7 ft 2,140 mm
Weight (***).....	40,700 pounds 18,500 kg
	10 in x 5 ft 254 mm x 1.5 m
Drill Pipe.....	11 1/4 in x 5 ft 286 mm x 1.5 m
	12 7/8 in x 5 ft 327 mm x 1.5 m

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EQUIPMENT
 MINING & DEVELOPMENT