

**RAISE
BORE**

MODEL 700

Here is a complete system for drilling long holes and boring raises as large as 10 ft (3 m) in diameter and up to 1,500 ft (450 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.

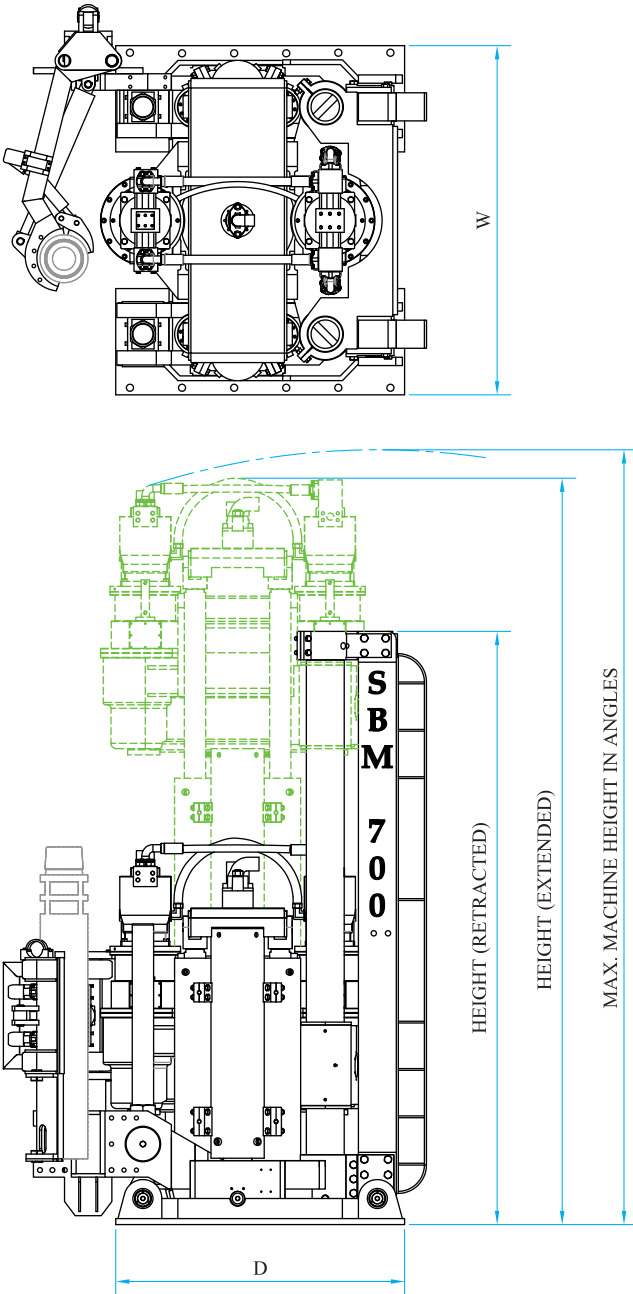
Infinitely variable speed and constant torque of the hydraulic drive enable you to adjust rotary speed to exactly match your drilling conditions. Shifting is done hydraulically for a smooth change into either the high-speed range for pilot hole drilling or the low-speed range for reaming.

The tandem hydraulic cylinder mechanism is the basis for the low profile design which allows the machines to be set up for vertical drilling in a station height of only 15 ft (4.5 m).



MODEL SBM 700

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 (*)	10 ft 3 m
Nominal Length Capacity (*)	1,500 ft 450 m
Total Installed Horsepower	300 hp 224 kW
Reaming Thrust (**)	760,000 lbf 3,390 kN
Max. Torque	158,000 lbf-ft 214 kN-m
Dip Angle Adjustment	45° - 90°

DIMENSIONAL DATA

Machine Width (W)	6 ft 2 in 1,880 mm
Machine Height - Extended	13 ft 2 in 4,020 mm
Machine Height - Retracted	10 ft 6 in 3,200 mm
Max. Machine Height in Angles	13 ft 8 in 4,170 mm
Machine Depth (D)	5 ft 1 in 1,550 mm
Weight (***)	30,000 pounds 13,650 kg
Drill Pipe	10 in x 5 ft 254 mm x 1.5 m
	11 1/4 in x 5 ft 286 mm x 1.5 m

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