TUMI Stronger from underground

CHARACTERISTICS

SBM 300

1

We present a complete system for drilling long holes and boring raises as large as 5 ft (1,5 m) in diameter and up to 490 ft (150 m) in length. The system includes an Electrohydraulic Power Pack with integral controls, a Remote Control Station plus tools to make and break threaded pipe connections.

2

Infinitely variable speed and constant torque of the hydraulic drive allow you to adjust the rotary speed to adapt exactly to 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.

3

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 13 ft - 1 inch (4,0 m).



TECHNICAL SPECIFICATIONS

SBM 300

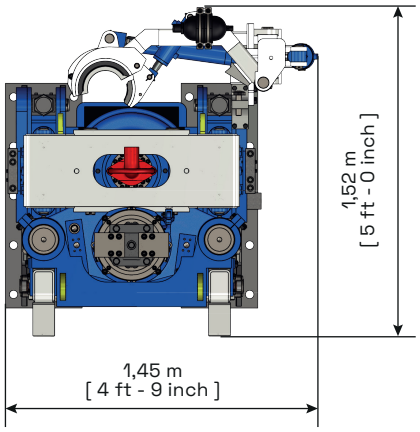
CAPACITIES		MINIMUM	MAXIMUM
Range of Capacities (*)	Length	490 ft / 150 m	160 ft / 50 m
	Diameter	3,5 ft / 1 m	5 ft / 1,5 m
Main Motor Horsepower			150 hp / 112 kW
Reaming Thrust (**)			137,000 pounds / 610 kN
Max. Torque			25,500 lb-ft / 35 kN-m
Inclination angle			45° - 90°

(*) Higher capacities are possible in certain rock conditions.
(**) At 5,000 psi (35 MPa)
(***) Includes Pipe Positioner weight.
(****) Reference value
Optional transporter: Crawler or Sled.

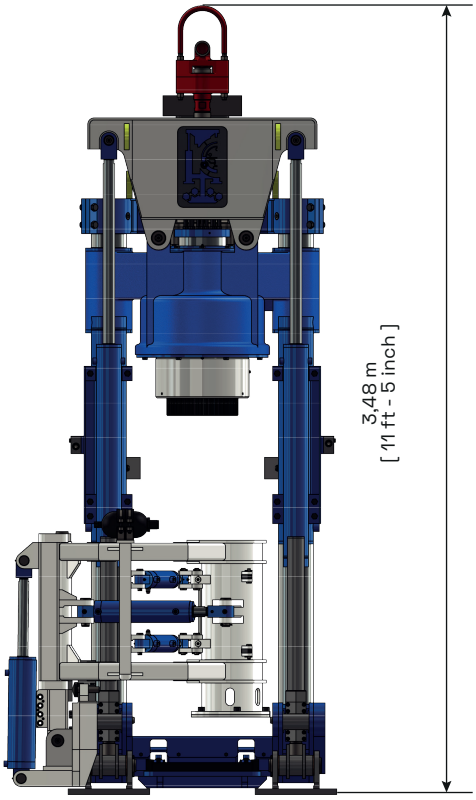
Note: Specifications may change without notice.

WEIGHT AND DIMENSIONS	
Machine Width	4 ft - 9 inch / 1,447 mm
Machine Height (Extended)	11 ft - 3 inch / 3,438 mm
Machine Height (Retracted)	8 ft - 11 inch / 2,717 mm
Machine Depth	5 ft / 1,520 mm
Weight (***)	8,800 pounds 4,000 kg
Drill Pipe	8 inch x 4 ft 203 mm x 1,2 m
Required Height in Gallery (****)	13 ft - 1 inch 4,0 m

Top View



Extended View



Retracted View

