TUMI Stronger from underground

CHARACTERISTICS

SBM 700

1

We present a complete system for drilling production chimneys up to 12 ft (3,6 m) in diameter and 1,480 ft (450 m) in length. The system includes an Electro-hydraulic Power Unit with integral controls, a remote Control Station and tools to make and break threaded pipe connections.

2

The variable speed and constant torque of the hydraulic unit allow the rotation speed to be adjusted to adapt exactly to the drilling conditions of the customer. The speed change is carried out hydraulically, which allows a smooth change from the high speed range, for pilot drilling, to the low speed range, for reaming.

3

The tandem hydraulic cylinder mechanism is the basis for the low profile design, allowing the machine to be installed for vertical drilling at a station only 16 ft - 5 inch (5,0 m) high.



TECHNICAL SPECIFICATIONS

SBM 700

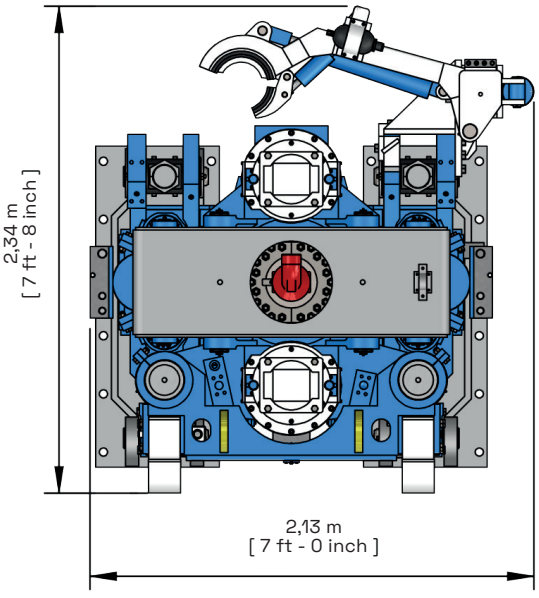
CAPACITIES		MINIMUM	MAXIMUM
Range of Capacities (*)	Length	1,480 ft / 450 m	820 ft / 250 m
	Diameter	7 ft / 2,1 m	12 ft / 3,6 m
Main Motor Horsepower			300 hp / 224 kW
Reaming Thrust (**)			665,000 lbf / 2,960 kN
Max. Torque			120,355 lbf-ft / 163 kN-m
Inclination angle			45° - 90°

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

Note: Specifications may change without notice.

WEIGHT AND DIMENSIONS	
Machine Width	7 ft / 2,130 mm
Machine Height (Extended)	13 ft - 4 inch / 4,060 mm
Machine Height (Retracted)	11 ft - 10 inch / 3,600 mm
Maximum Machine Height in Inclined Position	14 ft / 4,267 mm
Machine Depth	7 ft - 8 inch / 2,340 mm
Weight (***)	30,000 pounds / 13,650 kg
Drill Pipe	10 inch x 5 ft / 254 mm x 1,5 m 11 1/4 inch x 5 ft / 286 mm x 1,5 m
Workstation Height	16 ft - 5 inch / 5,0 m

Top View



Lateral View

