TUMI Stronger from underground

CHARACTERISTICS

SBM 400 SR

1 SAFETY

- Semi-automatic machine operation with a Raise Boring system that only needs two operators.
- Equipped with a Pipe Positioner that places and removes the drill pipe during the drilling process.
- It has upper and lower hydraulic wrenches to make up and break out threaded connections of the drill pipes.

2 ENVIRONMENTAL HEALTH

- It is an environmentally friendly machine that only requires electricity and water or air for its operation.

3 MAXIMUM PRODUCTIVITY

- Permanently attached to the self-propelled crawler that allows it to be transported from site to site without assistance.
- Electrohydraulically equipped to self-level and secure the machine to the gallery for drilling.
- No concrete pad is required, unlike standard Raise Boring machines.
- Fully integrated power and control system.
  Designed with tandem thrust cylinders to fit in small galleries.



TECHNICAL SPECIFICATIONS

SBM 400 SR

CAPACITIES		MINIMUM	MAXIMUM
Range of Capacities (*)	Length	1 180 ft/ 360 m	525 ft/ 160 m
	Diameter	4 ft/ 1,2 m	7 ft/ 2,1 m
Main Motor Horsepower			200 hp / 150 kW
Reaming Thrust (**)			330,000 lbf / 1,470 kN
Max. Torque			56,500 lbf-ft / 76 kN-m
Inclination angle			45° - 90°

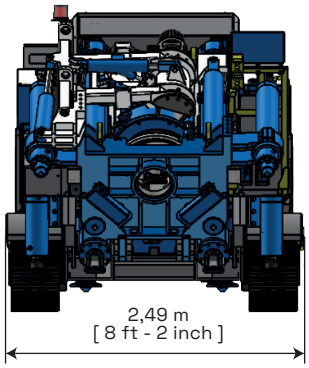
(*) Higher capacities are possible in certain rock conditions.
(**) At 5,000 psi (35 MPa)
(***) Includes crawler weight.

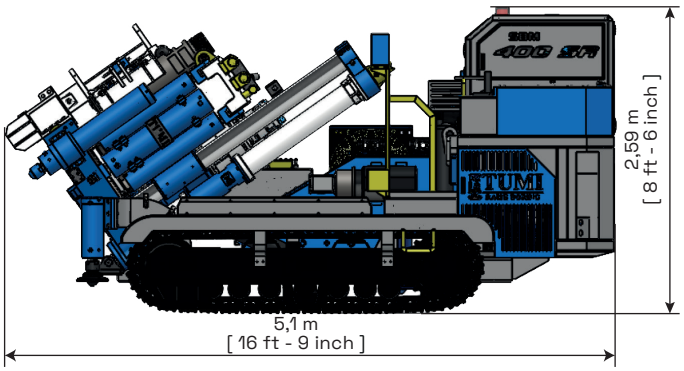
Note: Specifications may change without notice

CRAWLER SPECIFICATIONS		
Max. Speed	2,8 ft/s / 0.8 m/s	1,9mph / 3 km/h
Diesel Engine Power @2500 rpm		138 hp / 103 kW
Max. Gradient		15°

WEIGHT AND DIMENSIONS	
Machine Width	8 ft - 2 inch / 2,488 mm
Machine Height (Retracted)	10 ft - 6 inch / 3,192 mm
Workstation Height	13 ft - 10 inch / 4,220 mm
Max. Machine Length	18 ft - 4 inch / 5,591 mm
Weight (***)	40,700 pounds / 18,500 kg
Drill Pipe	10 inch - 3 ft / 254 mm x 0,91 m

Machine in Transport Mode





Machine in vertical position

