

SBM 400 SR

SLOT RAISE



The SBM 400 SR is designed to increase production and reduce dead time upon safety standards.

KEY FEATURES

▼ SAFETY

- Completely handsfree 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 an upper and lower hydraulic wrenches to make-up and break-out threaded connections of the drill pipes.
- The entire machine and crawler can be operated by remote controls respectively.

▼ ENVIRONMENTAL HEALTH

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

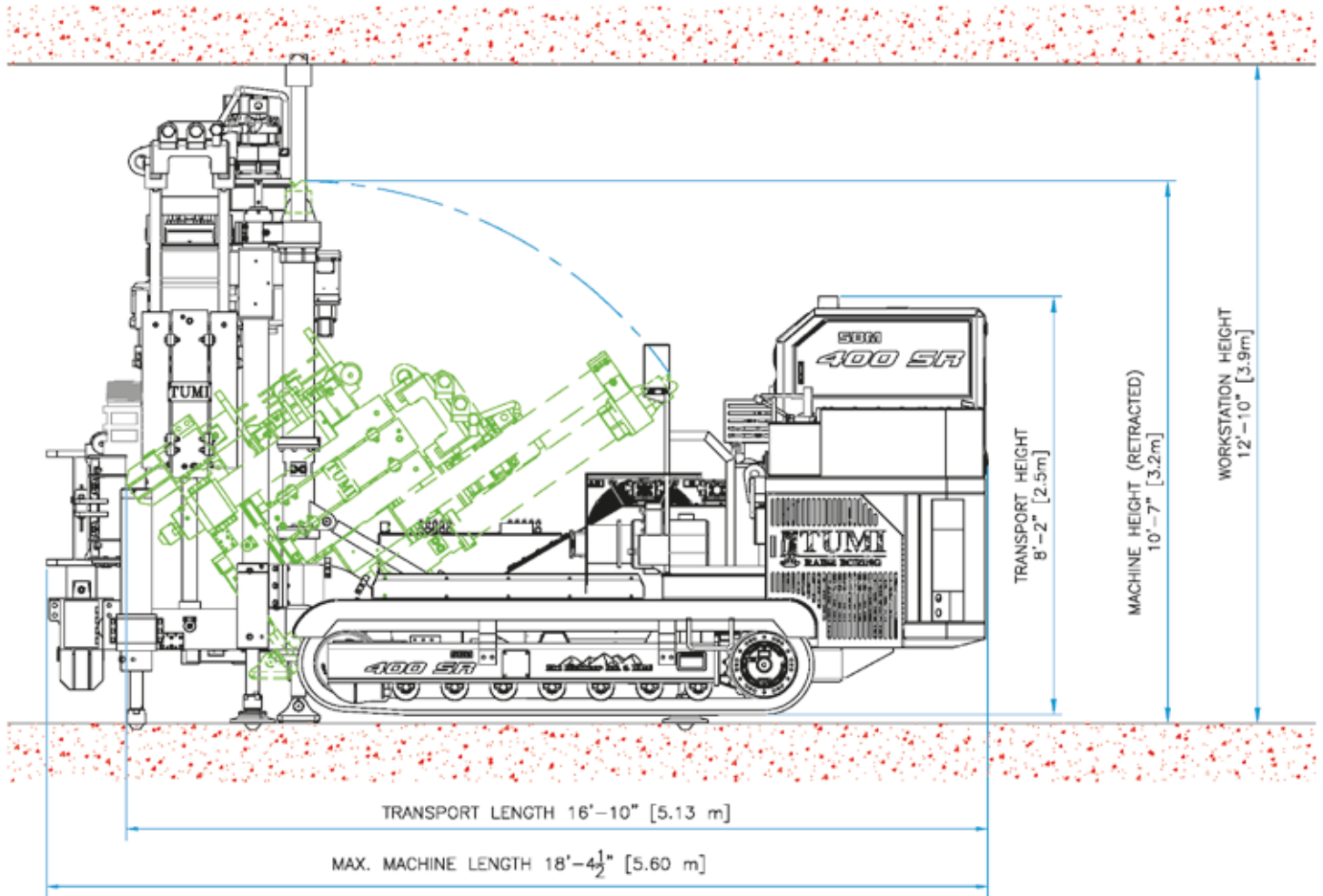
▼ MAXIMUM PRODUCTIVITY

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

SBM 400 SR

CAPACITIES		Nominal	Max.
Range of Capacities (*)	Length	330 ft / 100 m	800 ft / 250 m
	Diameter	4 ft / 1.2 m	7 ft / 2.1 m
Total Installed Horsepower		200 hp / 150 kW	
Reaming Thrust (**)		384,000 lbf / 1,700 kN	
Max. Torque		60,000 lbf-ft / 81 kN-m	
Dip Angle Adjustment		45° - 90°	
CRAWLER SPECIFICATIONS			
Max. Speed		2.8 ft/s / 0.8 m/s	1.9 mph / 3 km/h
Diesel Engine Power @ 2500 rpm		138 hp / 103 kW	

WEIGHT AND DIMENSIONS	
Machine Width	7 ft 7 in 2,320 mm
Machine Height (Retracted)	10 ft 7 in 3,200 mm
Workstation Height	12 ft 10 in 3,900 mm
Max. Machine Length	18 ft 5 1/2 in 5,600 mm
Weight (***)	40,700 pounds 18,500 kg
Drill Pipe	10 in x 3 ft 254 mm x 0.91 m



(*) The larger capacities are possible in certain rock conditions. / (**) At 5,000 psi (35 Mpa)

(***) Total weight includes the crawler.

Note: Specifications may change without notice.

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STU BLATTNER INC. 



ISO 9001:2008 "Design and Manufacture of
Raise Bore Machines"

