

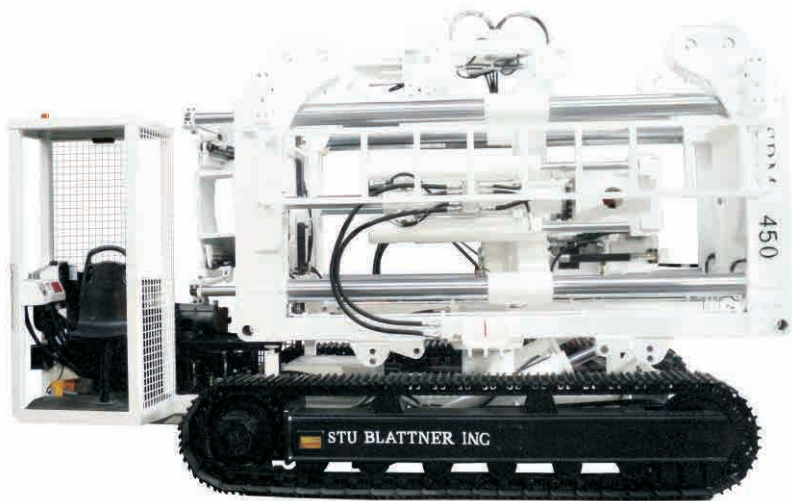
БУРЕНИЕ ВОССТАЮЩИХ

MODEL 450

Here is a complete system for drilling long holes and boring raises up to 7 ft (2.1 m) in diameter and up to a maximum of 1,250 ft (380 m) in length. The system includes an Electro-hydraulic Power Pack with integral controls with a remote Control Station plus tools to make up or break out threaded pipe connections.

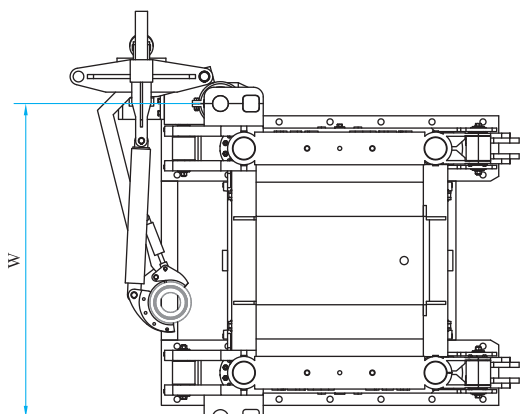
Variable speed and constant torque of the hydraulic drive enable you to adjust rotary speed to match exactly your drilling conditions.

Since the rotary speed shift is hydraulically done it is possible to change from high-speed range during the pilot to low during the reaming.



This machine differs from the other ones, because it can drill Boxholes of 28 inches (0.7 m) in diameter and up to a maximum of 196 ft (60 m) in length. It is put on a crawler which moves it and where it can be rotated 180° manually. After that, 2 cylinders set the machine up. Finally, a chute is installed to protect the machine and deflect the chips.

MODEL SBM 450



CAPACITIES

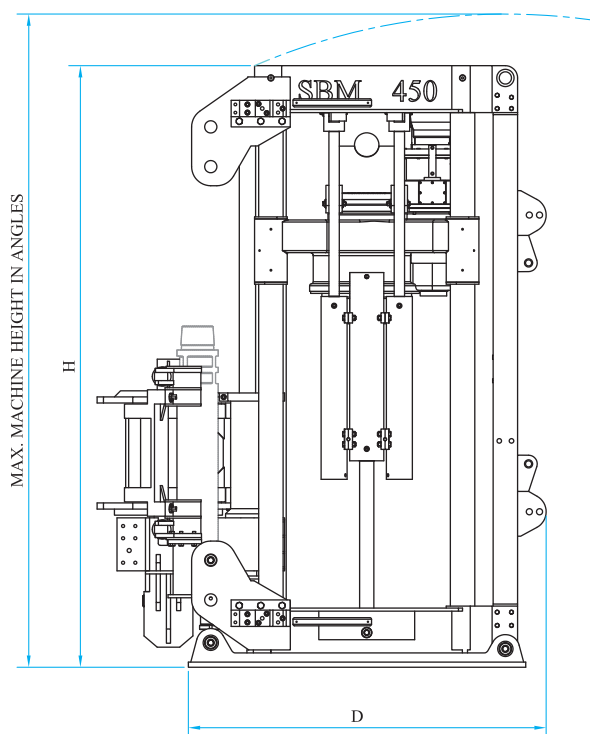
Range of Capacities (*)	Length	1,600 ft / 500 m	700 ft / 200 m	200 ft / 60 m
	Diameter	4 ft / 1.2 m	12 ft / 3.6 m	2 ft 4 in / 0.7 m

Total Installed Horsepower 200 hp / 150 kW

Reaming Thrust (**) 384,000 lbf / 1,710 kN

Max. Torque 60,000 lbf-ft / 81 kN-m

Dip Angle Adjustment 45° / 90° 60° / 90°



WEIGHTS AND DIMENSIONS

Machine Width (W) 6 ft 5 in / 1,960 mm

Machine Height Extended 12 ft 6 in / 3,810 mm

Machine Height Retracted

Max. Machine Height in Angles 13 ft 6 in / 4,120 mm

Machine Depth (D) 7 ft 4 in / 2,240 mm

Weight (***) 27,000 pounds / 12,300 kg

Drill Pipe 10 in x 5 ft
254 mm x 1.5 m

Required Height in Gallery 15 1/2 ft / 4.7 m

(*) The larger capacities are possible in certain rock conditions. / (**) Boxhole Drilling
SBM 1500, SBM 450, SBM 400, SBM 300 and SBX 27 at 5,000 psi (35 Mpa) - SBM 800 and SBM 700 at 6,000 psi (41 Mpa). / (***) Includes
Pipe Positioner weight. / Optional transporters: Crawler or sled.

Svobody str., 35/41, Moscow, Russia, 125362 | 8-800-700-88-33 | www.ust-co.ru