TUMI Stronger from underground

# CHARACTERISTICS

SBM 21 BX

## 1 SAFETY

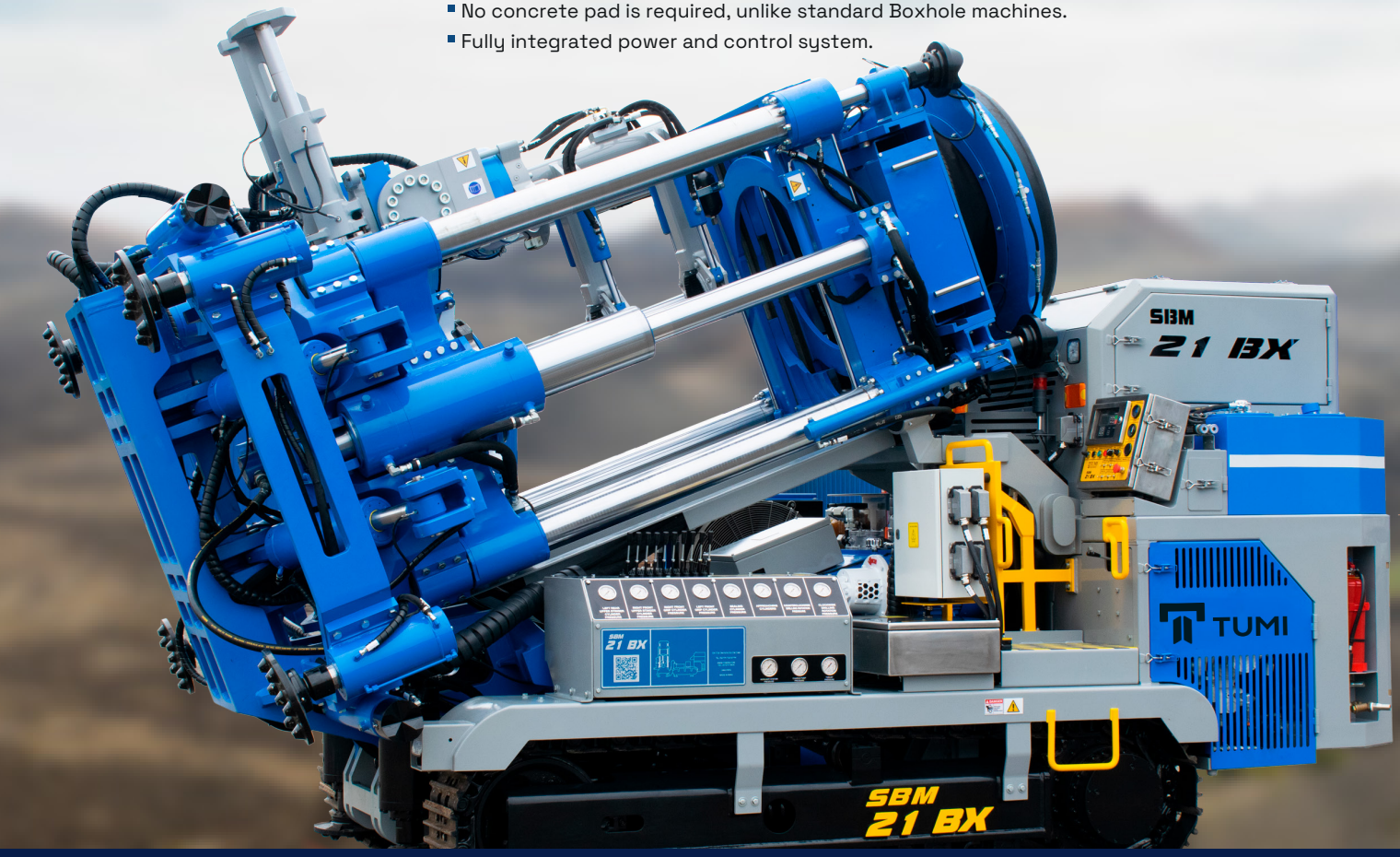
- The whole machine and crawler can be operated by remote control.
- Semi-automatic machine that only needs two operators for its operation.
- It has a positioning arm and hydraulic wrenches that eliminate the direct contact of the operator during the coupling and uncoupling of the drill pipes.

## 2 ENVIRONMENTAL HEALTH

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

## 3 MAXIMUM PRODUCTIVITY

- It is equipped with a chute to protect the machine and deflect the debris.
- Permanently attached to the self-propelled crawler that allows the machine to be transported from site to site without assistance.
- The SBM 21 BX uses 4 crawler leveling cylinders, 2 erecting cylinders, and 8 pinning cylinders to self-level and secure for drilling.
- No concrete pad is required, unlike standard Boxhole machines.
- Fully integrated power and control system.



# TECHNICAL SPECIFICATIONS

SBM 21 BX

| CAPACITIES | | MINIMUM |
|---|---|---|
| Range of Capacities | Length | 295 ft / 90 m |
| | Diameter | 30 inch / 0,76 m |

| | |
|---|---|
| Main Motor Horsepower | 100 hp / 75 kW |
| Reaming Thrust (*) | 134,900 lbf / 600 kN |
| Max. Torque | 11,000 lbf-ft / 15 kN-m |
| Lateral Dip Angle Adjustment | 45° - 135° |

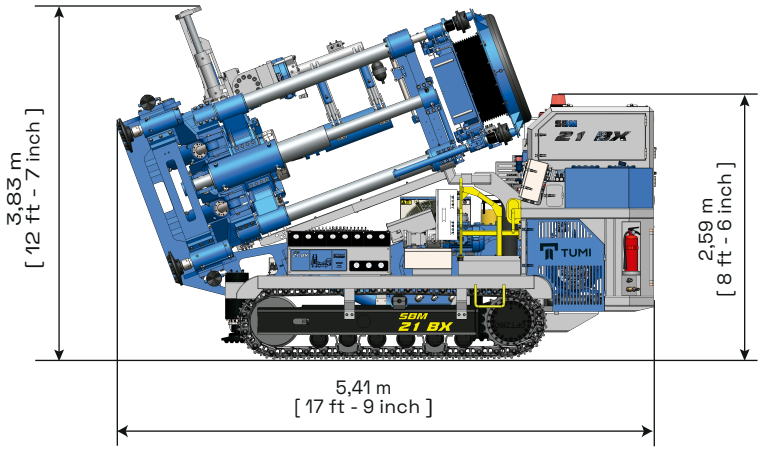
(*) At 5,000 psi (35 MPa)
(**) Total weight includes the Pipe Positioner, Crawler, Chute, 21 BX Boxhole reamer with cutters and Pilot Bit.

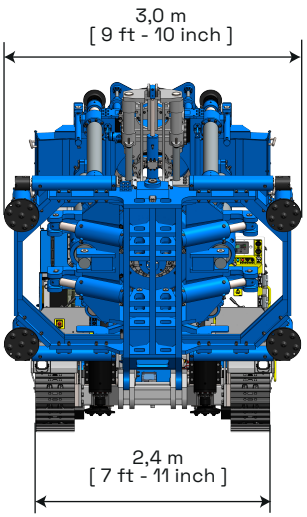
Note: Specifications may change without notice.

| WEIGHT AND DIMENSIONS | |
|---|---|
| Machine Width | 9 ft - 10 inch / 3,000 mm |
| Machine Height (Transport Mode) | 11 ft - 5 inch / 3,480 mm |
| Workstation Height | 14 ft - 9 inch / 4,500 mm |
| Machine Length | 22 ft - 8 inch / 6,900 mm |
| Weight (**) | 62,830 lb / 28,500 kg |
| Drill Pipe | 10 inch x 3 ft<br>254 mm x 0,91 m |

| CRAWLER SPECIFICATIONS | | |
|---|---|---|
| Max. Speed | 2,0 ft/s / 0,6 m/s | 1,4 mph / 2,3 km/h |
| Diesel Engine Power @ 2500 rpm | | 138 hp / 103 kW |
| Maximum Gradient | | 15° |

## Motorized Transport Machine




## Machine in Vertical Position

