

***MAJOR***  
***Drilling***

Major U600

*Mobile Underground Core Drill*



**QUALITY • SAFETY • RESULTS**

# Major U600 Specs



## DEPTH RATING

	DOWN	UP
H (meters)	300	150
N (meters)	600	300
B (meters)	800	400

Chuck and Clamp Boyles HWL

## POWER UNIT

**100HP** with soft start on 575, 460VAC or other voltages on request; Deutz MSHA tier 3/4i diesel engine for level moving and positioning; Rexroth LS piston pump and hydrostatic proportional piston circuit; Air-oil cooling system (water cooler as an option).

**205 litres (50 gallons)** hydraulic tank.

## WIRE-LINE HOIST

**900 m** capacity (with 3/16 O.D. cable);  
Line speed (bare and full drum) : 150 to  
300 m/min proportional controlled;  
Hydraulic mounted manifold block for  
free-wheeling and counterbalance.

## ROTATION CAPACITY

80cc Rexroth variable displacement motor;  
2 speeds transmission hydraulic shifted;  
**1400 rpm** approx.  
Torque up to 1000 n\*m or 735 lbs\*ft

## FEED CAPACITY

Push and pull	<b>11300 kg to 7700 kg</b> (25000 lbs to 17000 lbs)
Feed speed	<b>1 m/sec max</b> (with ramps)
Feed stroke	<b>1.016m</b> (40-7/8 in)

Heavy duty Temposonic feed cylinder

## ELECTRONIC AND CONTROL

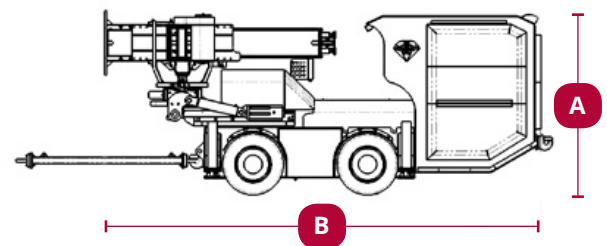
- Heavy duty remote control with all functions (travelling, positioning and drilling mode);
- IP67 12 in screen and PLC mounted on a lightweight stand;
- Canbus communication from PLC and mining LAN, internet or USB for external communication;
- Data acquisition system included;
- Drilling shift report;
- Auto diagnostic monitoring for maintenance (more than 20 points);
- Automatic sequences for optimal drilling (push/pull, screw – unscrew, drilling parameters...).

## DIMENSIONS

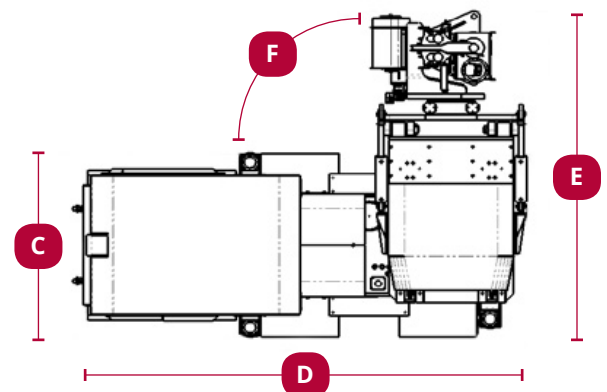
A	<b>2083 mm</b> (82 in)
B	<b>5283 mm</b> (208 in)
C	<b>1930 mm</b> (76 in)
D	<b>4344 mm</b> (171 in)
E	<b>3426 mm</b> (135 in)
F	<b>90°</b>

**APPROX. WEIGHT 11090 kg (24450 lbs)**

**SIDE**



**TOP**





The background of the page is a solid dark red. On the right side, there is a stylized graphic of a globe with a network of thin white lines connecting various points, resembling a global communication or drilling network. The Major Drilling logo is positioned in the upper right quadrant, featuring the word 'MAJOR' in a large, bold, white serif font, and 'Drilling' in a smaller, italicized, white serif font below it.

# ***MAJOR*** ***Drilling***

## NORTH AMERICAN BRANCHES

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### **Canada**

180 Cree Crescent  
Winnipeg, MB R3J 3W1  
Tel: +1-204-885-7532

### **USA**

2200 South 4000 West  
Salt Lake City, UT 84120  
Tel: +1-801-974-0645

### **Mexico**

Calle de Los Nogales No. 29  
Esquina Calle de Los Pimas  
Parque Industrial de Hermosillo  
C.P. 83299, PO Box 3-104  
Hermosillo, Sonora, Mexico  
Tel: 52-662-251-0265