

**TEC 1000**  
**UNDERGROUND DRILLING MACHINE**

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DRILLING

# TEC 1000

OFFERS

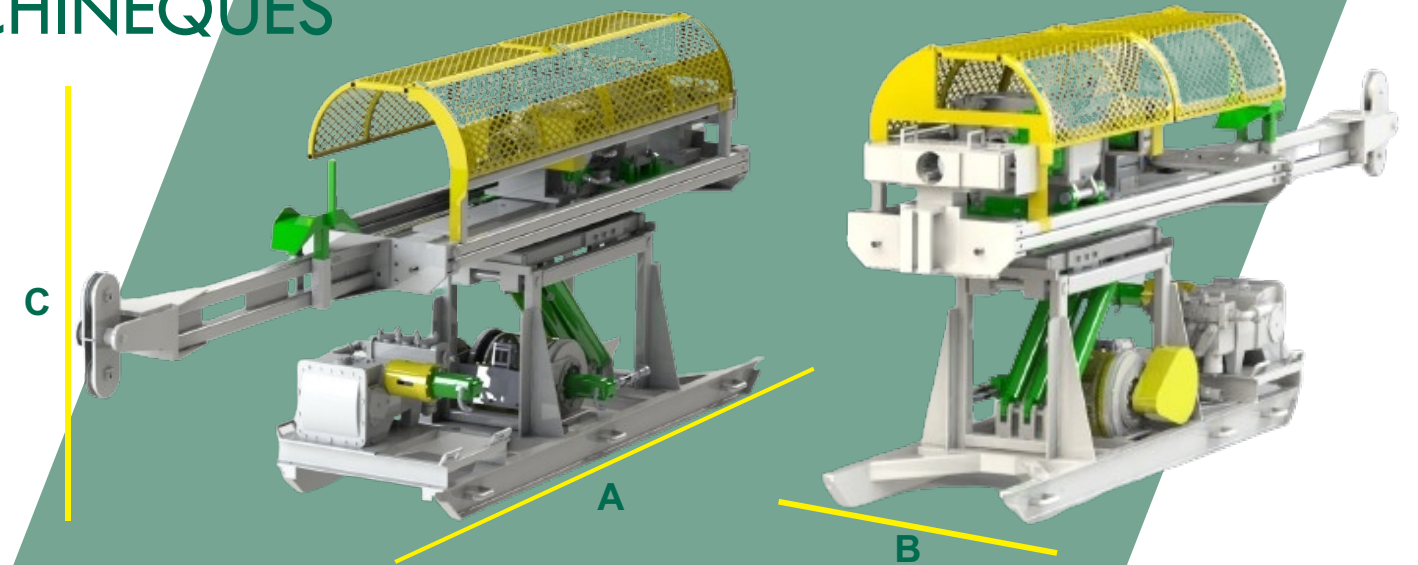
The stated depths are calculated under normal conditions of operation, in positive drilling terrain demerits 20%.



SPÉCIFICATIONS  
TECHNIQUES



SPÉCIFICATIONS  
TECHINEQUES



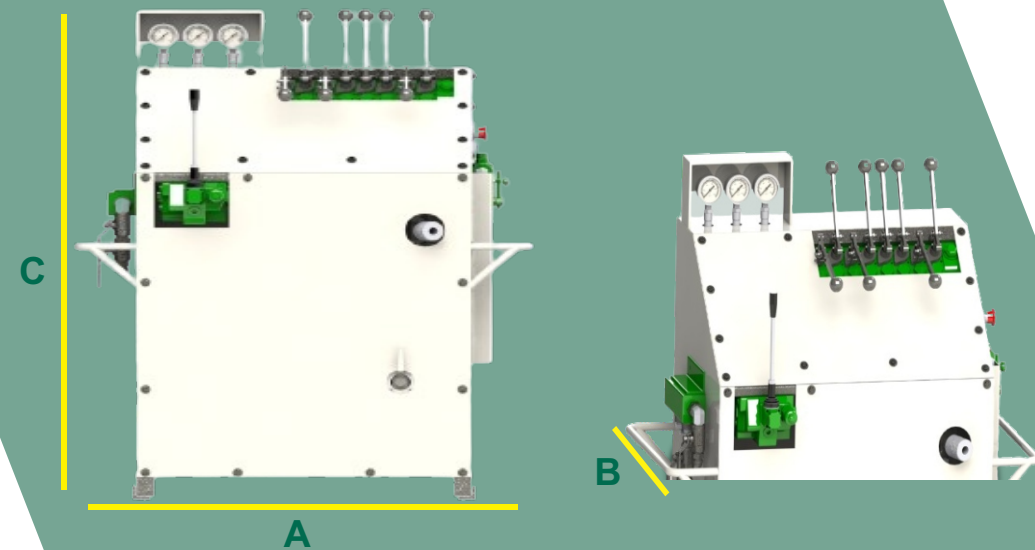
Pipe Diameter (Core System)	Ø Witness (Core Measurement)	Ability Depth
BQ	1 7/16" (36.51 mm)	4,265 ft (1300m)
NQ	1 7/8" (47.625 mm)	3,280 ft (1000m)
HQ	2 1/2" (63.50 mm)	2,215 ft (675m)

DRILLING UNIT			
ID	DESCRIPCIÓN	IN	MTS
A	Long	190"	4.826
B	Wide	34"	1.430
C	High	68"	1.727

TEC 1000



# SPECIFICATIONS TECHNIQUES

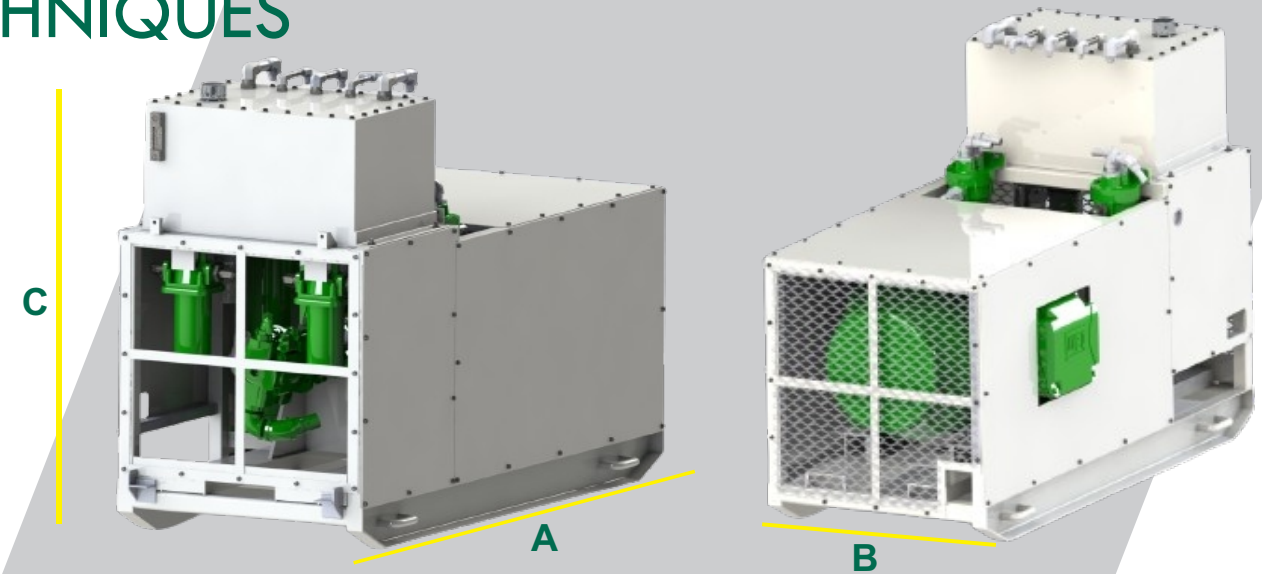


CONTROL UNIT (VALVE BANK)			
ID	DESCRIPCIÓN	IN	MTS
A	Long	37"	1.009
B	Wide	12 1/2"	0.533
C	High	38 1/4"	1.308

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# SPECIFICATIONS TECHNIQUES



POWER UNIT			
ID	DESCRIPCIÓN	IN	M
A	Long	77.5	1.9685
B	Wide	33.25	0.84455
C	High	55.25	1.40335



# SPECIFICATIONS TECHNIQUES

## BAR HOLDER

**TYPE: HYDRAULIC**

Hydraulic, maximum opening.  $\varnothing 3/4"$ .

**TYPE OF JAWS:**

BQ, NQ, HQ

## WIRELINE

**TYPE:**

Powered by hydraulic engine.

**WIRE LENGTH:**

3,937 ft (1,200m) Wire 3/16".

## SLUDGE PUMP

**TYPE: Triplex**

Triplex.

**ACTUATOR:**

Powered by hydraulic engine.

**MÁXIMUN FLOW:**

201 LPM / 53 GPM

## DRILLING UNIT

**EFFECTIVE CAREER:**

1.10 m / 3.62 ft. length and advance

**FORWARD PRESSURE:**

2200 psi

**DRILLING ANGLE:**

-90° a +90°

## ROTATION UNIT

**TYPE: HQ**

HQ

**ROTACIÓN SPEED:**

900 rpm.

**WORK PRESSURE:**

1200 psi

## FORCE UNIT

**ENGINE:**

Eléctrica of 100, 125, 150 hp

**ROTACIÓN SPEED:**

1,800 rpm

**STARTER BOARD:**

Direct starting system with start and stop button.

## HYDRAULIC SYSTEM

**COOLING PUMP:**

2 HP, 3450 rpm

**COOLING SYSTEM:**

By water/oil heat exchange.

**DEPÓSIT:**

Includes steel hydraulic tank with level indicator and filler cap with filter and breather, with a capacity of 180 lts.

## CONTROL UNIT

**TYPE:**

Lever operated hydraulic control panel.

**COMMAND CONTROL:**

Hydraulic section of the activation and control of all movements and accessories of the equipment, with emergency stop button.

**PRESSURE GAUGES:**

Includes three pressure gauges that indicate the exact pressure of the drilling parameters.  
(2) 5000 psi.  
(1) 1500 psi.

**HYDRAULIC PIPE BREAKER:**

Máximum opening  $\varnothing 3/4"$



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## INFORMATION

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## RECRUITMENT

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