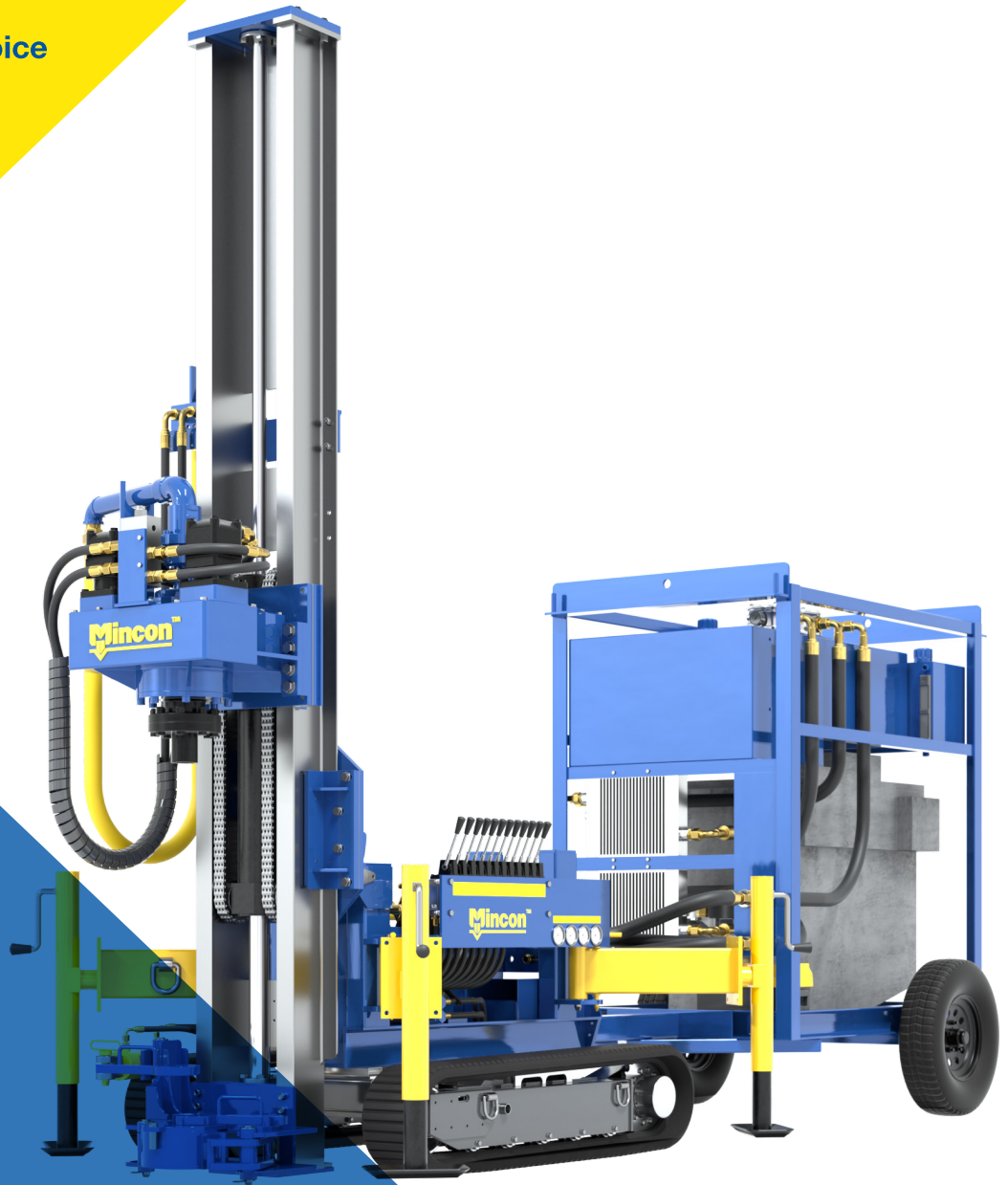




The Driller's Choice



ROCK DRILL R407

GEOTHERMAL - MICROPILING - GEOTECHNICAL - LIMITED ACCESS



mincon.com

R407



ROCK DRILL R407

The Rock Drill R407 is a compact drilling unit for limited access drilling sites for geothermal and micro piling applications. Geothermal setups for mud or air drilling available. Standard features include breakout clamps, separate power unit, width adjustable crawler tracks, adjustable jack legs and an auxiliary control lever.

AVAILABLE OPTIONS

- Double Breakout Clamps
- Safety Clamp System. Hands-free breakout.
- Auxiliary Winch. 42' rope / 1,470 lbs pull.
- Winch Extension Package. 2,000 lbs (907 kg) pull.
- Remote Controls. Tracks Only or Tracks, Rotation & Feed.*
- Dust Suppression System for DTH Hammer Drilling.
- Trip Wire Safety System. (European Spec).
- Mast Mounted Flood Lights.
- Mono Mud Pump. 150-180 gpm / 300-800 psi.*
- Longer Crawler Tracks.*

Key Features and Benefits

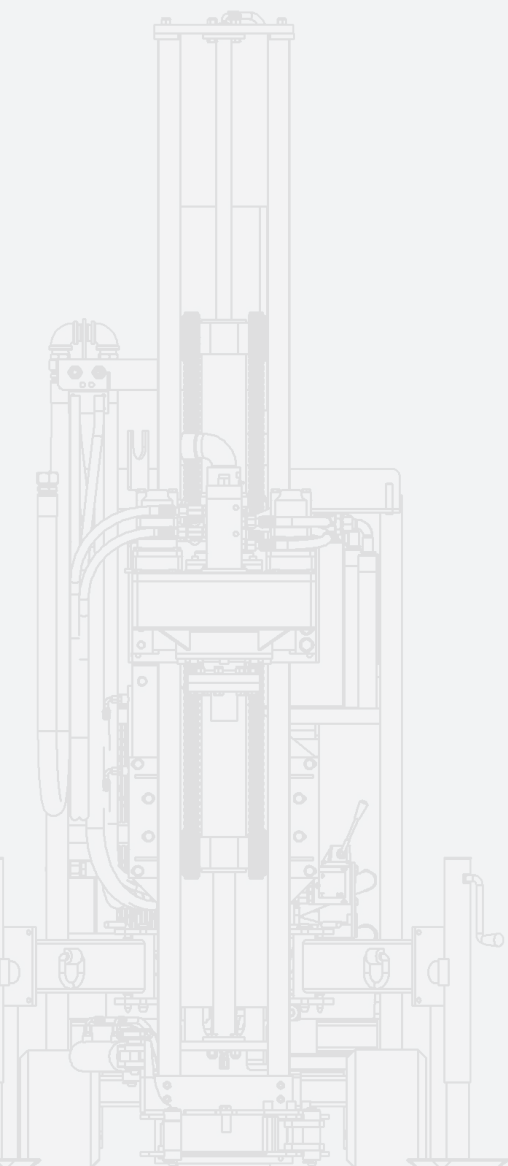
Clam Clamps & Breakout Wrench. 9" D (229 mm) bore. 18" ID Optional.

3-Position Manual Stabilizer Jack Legs.

Auxiliary Spool Control Function.

Separate Power Unit - Skid Mounted.

Width Adjustable Crawler Tracks. 34" - 52".



Rock Drill R407



UP TO
10,000
FT.LBS OF
TORQUE

SPECIFICATIONS

Power and Hydraulics

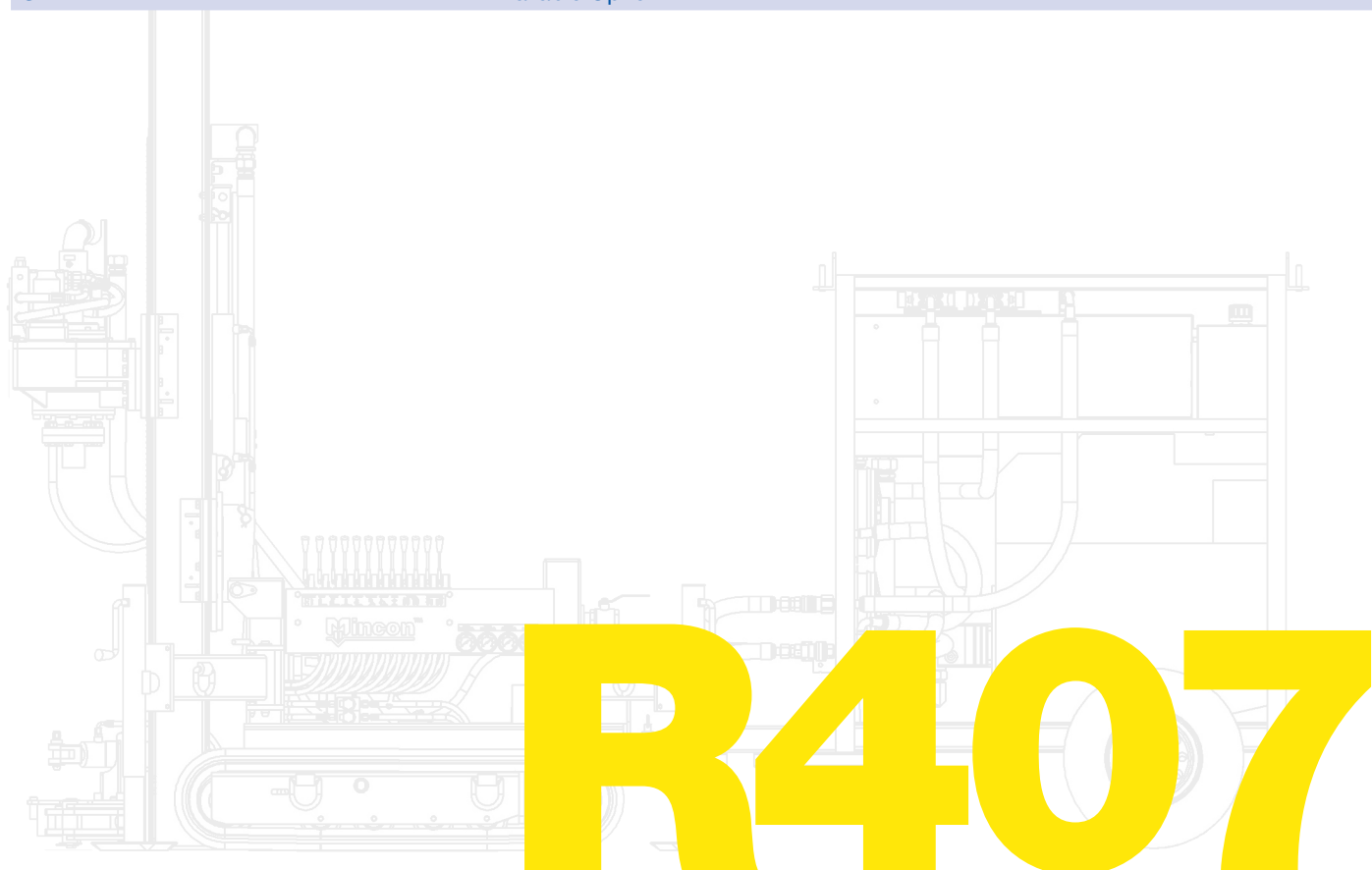
	IMPERIAL	METRIC
SYSTEM PRESSURE	3,000 psi	206 bar
MAX FLOW	47 gpm	180 lpm
MAX PULLBACK	22,000 lbs	10,000 kg
MAX PUSHDOWN	16,000 lbs	7,257 kg
ENGINE POWER	90 hp	70 kW
FUEL TANK	31 gallons	117 L
HYDRAULIC TANK	65 gallons	248 L
COOLING SYSTEM	Liquid Cooled	

Rotary Heads JT-200 Series

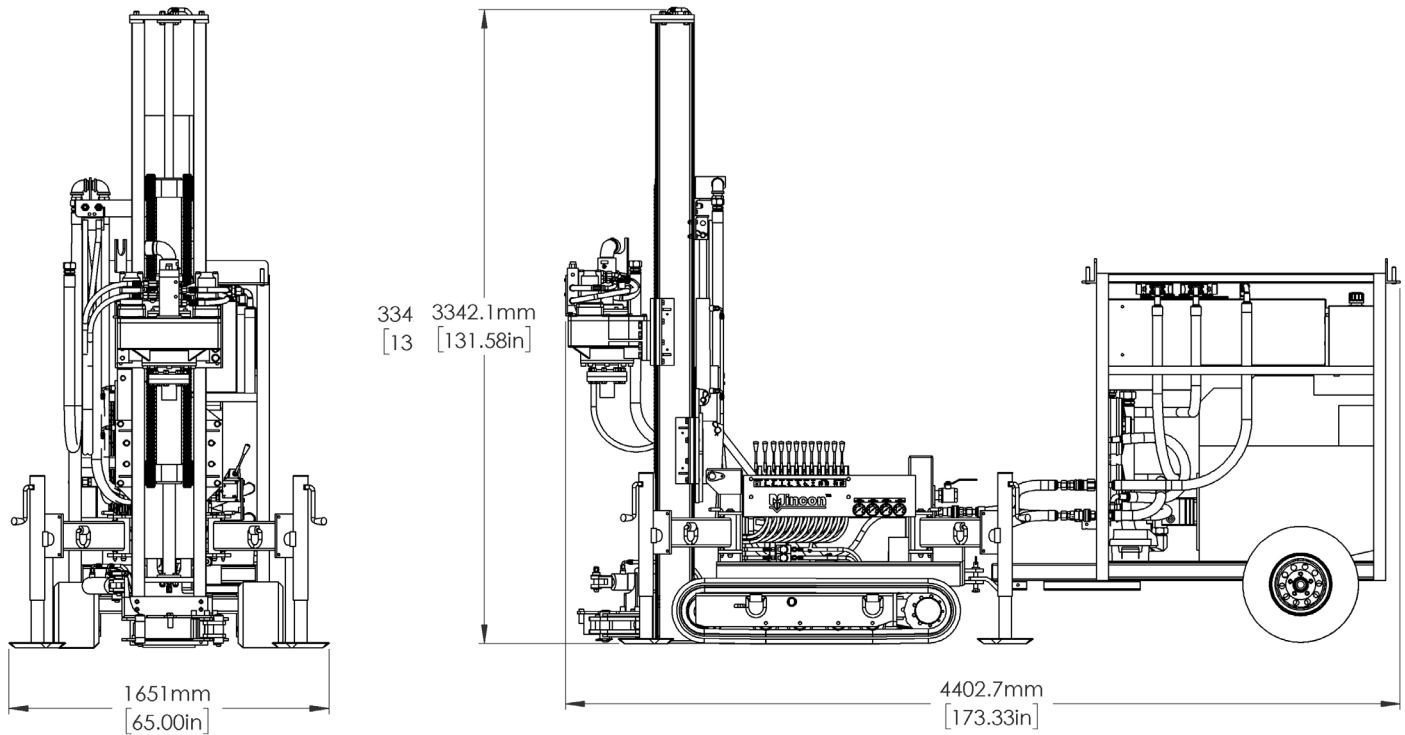
	IMPERIAL	METRIC
MAX TORQUE	10,400 ft-lbs with JT205	14,000 Nm
MAX SPEED	205 rpm with JT222-M	
THROUGH BORE	2-3/8"	60 mm
SPEEDS	2-Speed Variable	

Mast Movement

SIDE TO SIDE	+ / - 30°
FORE AND AFT	+ 3° to - 90°
SLIDE	Available Option



TECHNICAL DRAWING



Dimensions & Weight

	IMPERIAL	METRIC
HEIGHT (DRILLING POSITION)	10' 11"	3,342 mm
HEIGHT (TRANSPORT POSITION)	59"	1,499 mm
LENGTH (DRILLING POSITION)	83"	2,108 mm
MAST STROKE	7' 10"	2,388 mm
WIDTH (RIG)	34"	863 mm
WEIGHT (RIG ONLY)*	5,600 lbs	2,540 kg
TRACK ADJUSTABLE WIDTH	34" - 52"	863 - 1,320 mm
TRACK LENGTH	61"	1,550 mm

* Dependant on options / Additional upgrades may be required

A large, stylized letter 'M' is centered on the page. It is composed of several rectangular panels, each containing a different photograph of a green Mincon drilling rig in operation. The panels are arranged to form the vertical and diagonal strokes of the 'M'. The background of the entire page is a solid blue color.

The Driller's Choice

MINCON INC
603 Centre Ave NW, Roanoke,
VA 24016, United States
T. +1 540-344-9939
E. salesusa@mincon.com
W. mincon.com

AMERICAS REGION · EUROPE AND MIDDLE EAST REGION · AFRICA REGION · ASIA PACIFIC REGION