

CRS MITO 8



- **True 150 Hz Sonic**
- **34K lbf sonic drill head**
- **Compact with low center of gravity**
- **Fully articulating mast is perfect for special foundation jobs**

Ideal for:

- Special foundation drilling
- Anchor installation
- Micropiling
- Compensation grouting
- Jet grouting
- Chemical injections
- Sampling
- Well installation

Specifications:

CRS (CompactRotoSonic) Drillhead:

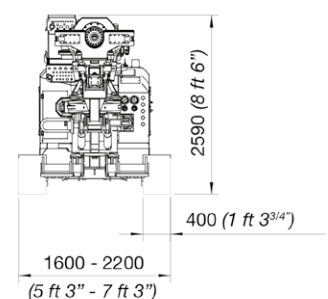
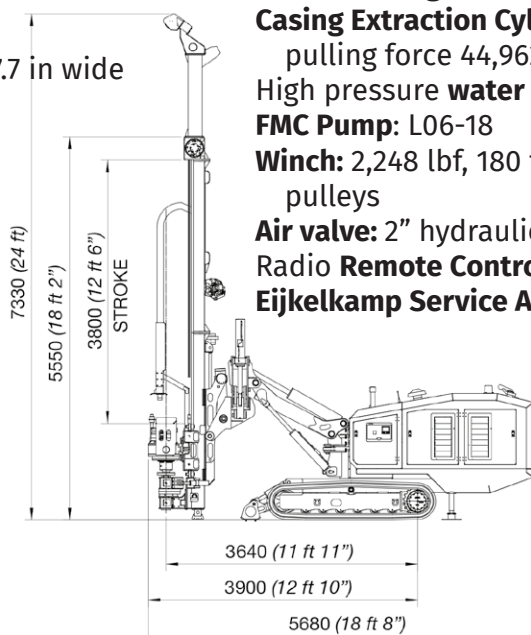
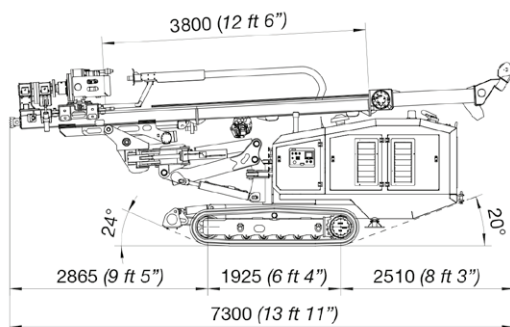
Frequency: 0-150Hz
 Output dynamic force: 33.8K lbf / 150kN
 Rotation speed: 120rpm
 Rotation torque clockwise: 1.955ft-lbf@2.680psi
 Rotation torque counterclockwise: 2.210ft-lbf@3.045psi
 Head tilt max: 70°
 Pull up force: 22.480 lbf
 Pull down force: 12.400 lbf
 Drilling angle: 45° and 10° of perpendicularly.

Footprint:

Variable track width: from 5.3 ft to 7.2 ft
 Track shoe width: 15.8 in
 Equipped with clip-on rubber pads, at 17.7 in wide
 Undercarriage length: 8 ft

Dimensions:

Folded (L x W x H): 23'11" x 7'3" x 8'6"
 Max height when drilling: 24'1"



Unique FRASTE Articulation:

Mast allows +/- 90° side angle and possibility of drilling in parallel to the travel direction
 Modular Mast stroke length: 4.3 ft
 Mast Extension stroke length: 11.5 ft
 Pull-up & Pull-down: 15,736 lbf

Floating Triple Break Clamps:

Casing/Rod diameters: minimum of 2.4 in, maximum of 14 in
 Adjustable clamping force from 0 to 31,473 lbf
 Breaking torque: 12,140 lbf

CAT Tier 4 Engine: 173 HP

Casing Extraction Cylinders for lifting casing:

pulling force 44,962 lbf
 High pressure **water pump** 5 gpm @ 3046 psi

FMC Pump: L06-18

Winch: 2,248 lbf, 180 ft/min, 100 ft fixed style masthead with pulleys

Air valve: 2" hydraulics controlled

Radio **Remote Control** for all the drilling functions

Eijkelkamp Service Assist