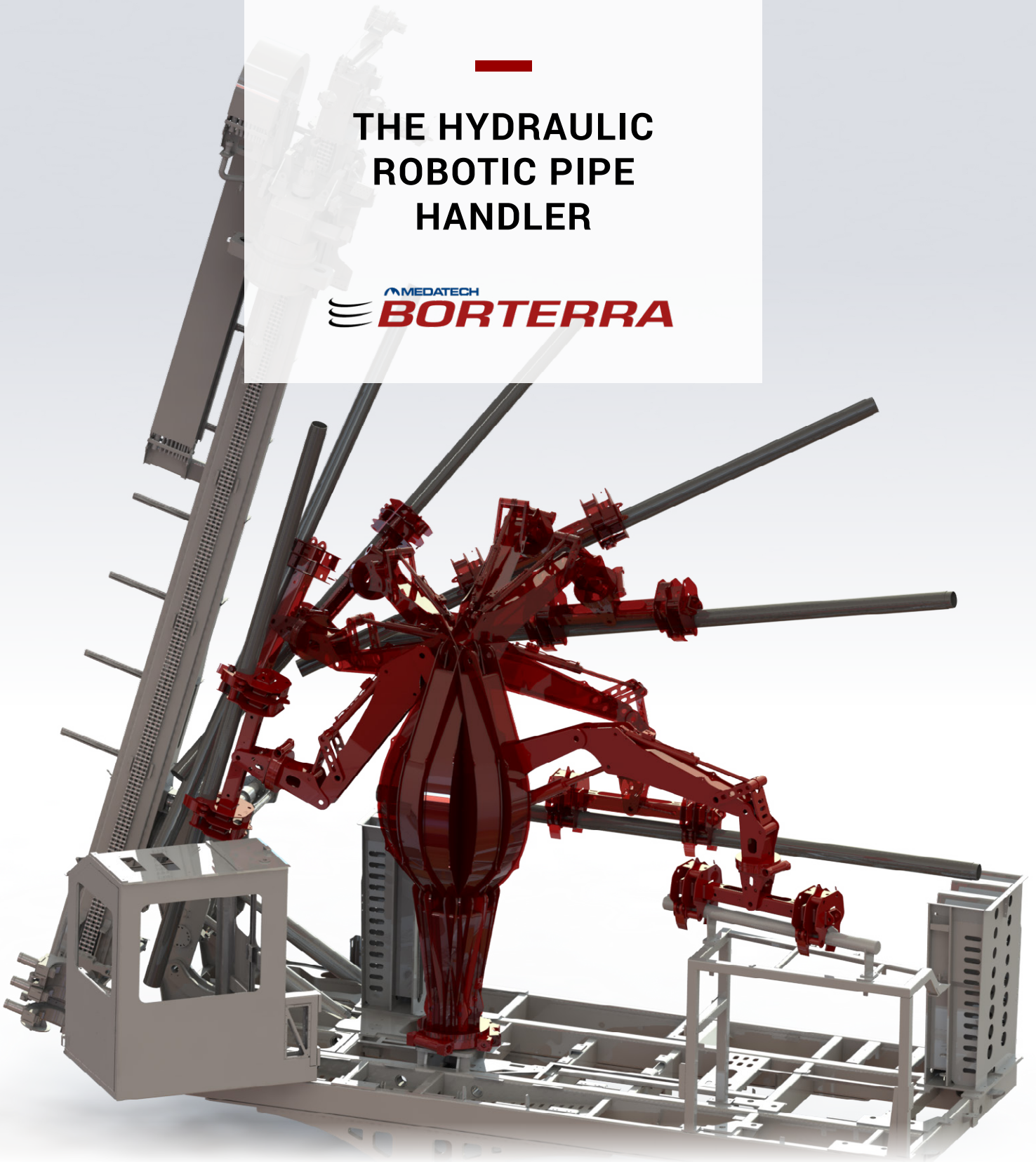


RodBot™

—
THE HYDRAULIC
ROBOTIC PIPE
HANDLER

 MEDATECH
BORTERRA





Built to load/unload drill rod and casing

Introducing hydraulic robotic rod handling. The Borterra RodBot™ can be adapted for virtually any piece of drilling equipment.

RodBot eliminates manual rod handling, a leading cause of on-the-job injury, and greatly accelerates production times.

Borterra has been developing unique drilling solutions for over 10 years. You'll find our drill rigs and associated equipment in mining, construction, oil & gas and other drilling applications across North America.

Safety meets productivity

Fast

RodBot handles 20-foot sections of pipe, quickly. Set the drill rod position once, then hit 'repeat'. Just one operator is required.

Switch between 3 modes:

1. Full manual control
2. Tip control: computer-assisted manual control
3. Semi-automatic control: RodBot™ moves along a path set by the operator

Safe

RodBot eliminates hand-bombing entirely, keeping workers out of harm's way.

Adaptable

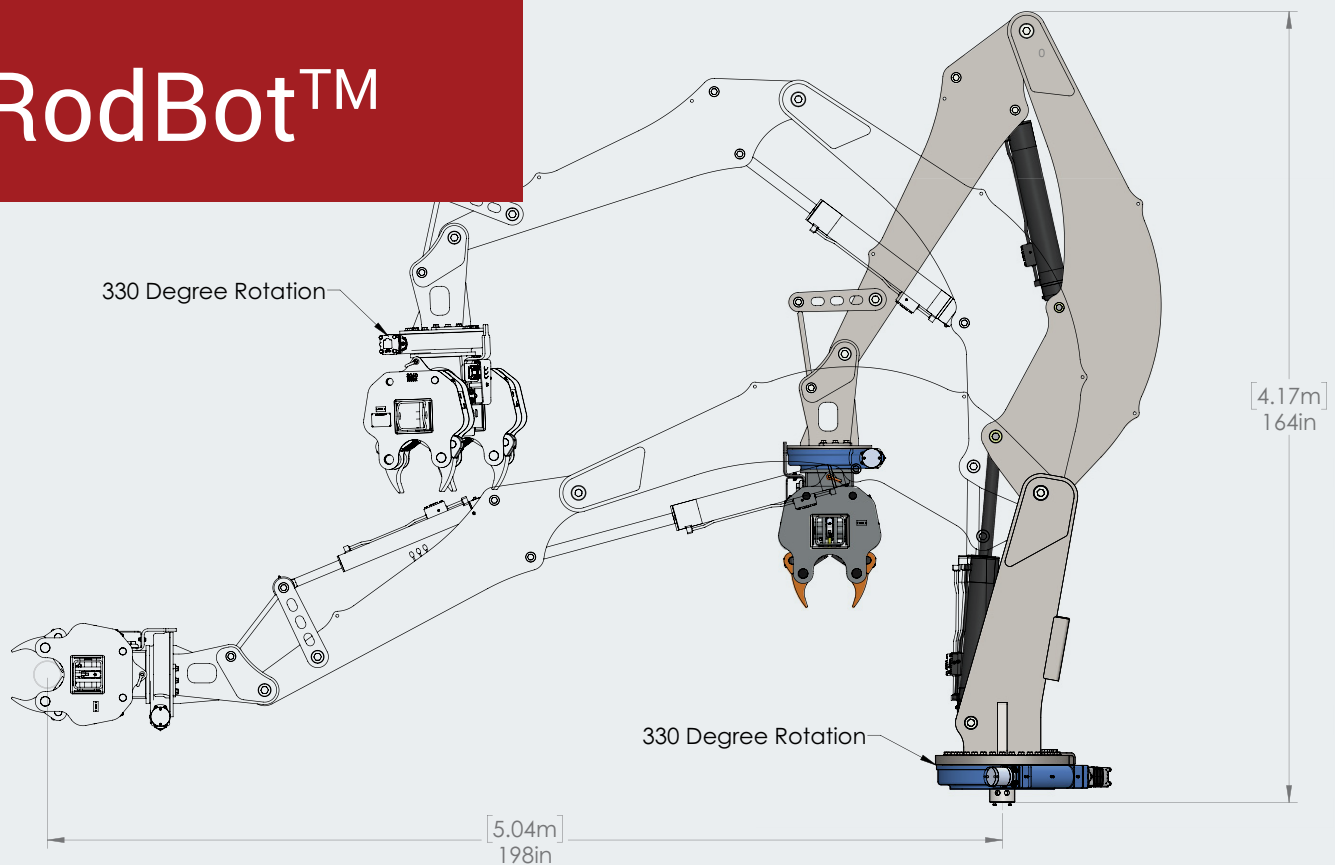
RodBot makes both new and existing equipment highly efficient. Choose from wired or wireless controls. Borterra can supply electric/electronic customization and integration, as required.

A true partner

Borterra develops, services and upgrades the drilling solutions our customers need. Want a partner for life? That's our goal.



RodBot™

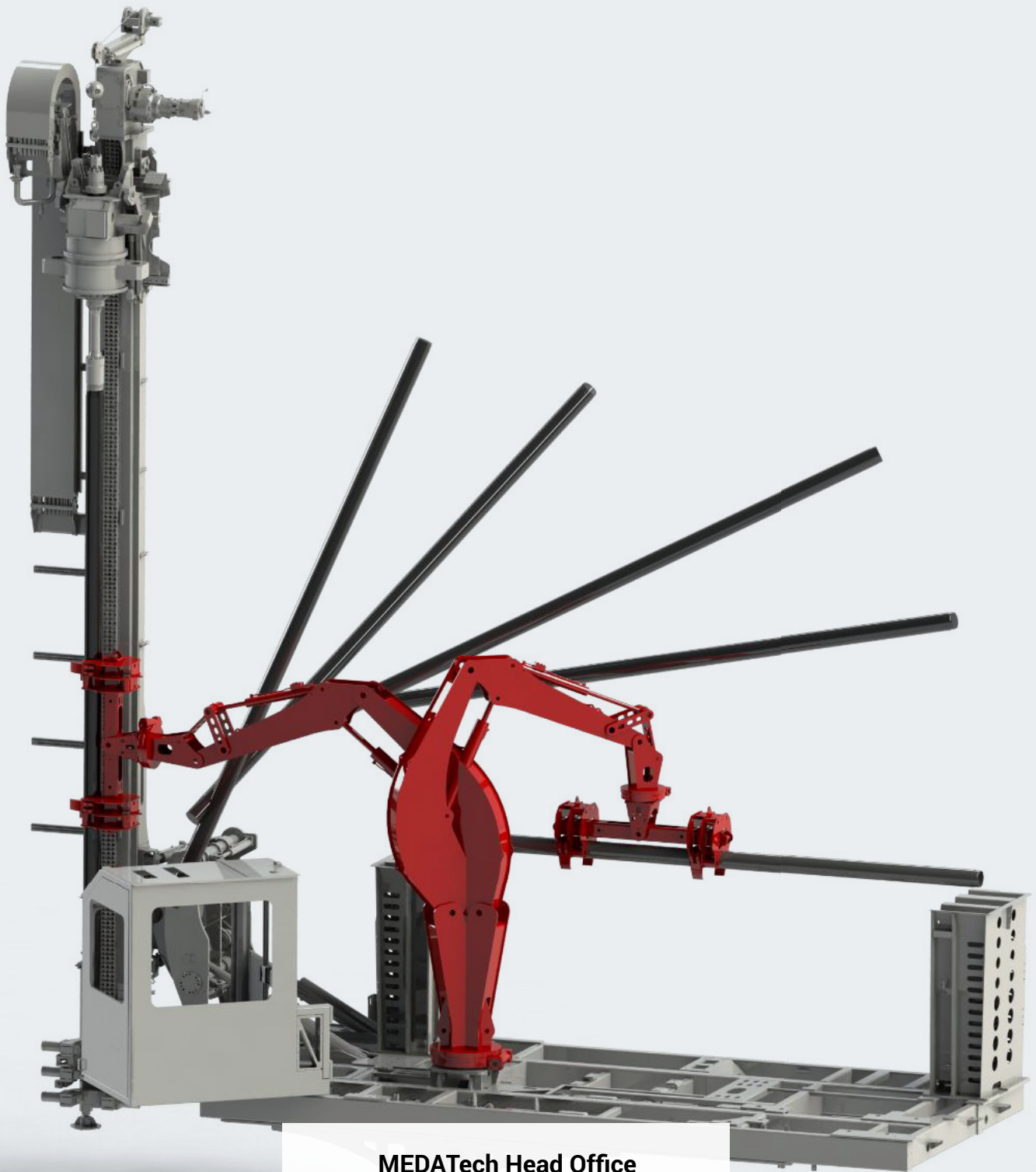


Mechanical Specifications

- Weight = 5,600 Lbs (2,540 Kg) [payload and mounting base excluded]
- Max height (above mounting base) = 15 ft (5 m)
- Min height (below mounting base) = 4 ft (1.2 m)
- Max radial reach = 15 ft (5 m)
- Max payload = 800 Lbs (360 Kg)
- Arm base rotation = up to 330°
- Pipe clamp rotation = up to 330°
- Pipe diameter range = 3.5–7.0" (standard)
other ranges available upon request
- Arm has 5 degrees of freedom
- Mounting base dimensions = 36" x 36"
(custom mounting available)
- **Option #1:** Borterra supplies an engineered mounting solution to meet your needs
- **Option #2:** Borterra supplies required information for customer to mount it themselves

Hydraulic/Electric Requirements

- Hydraulic pressure = 3,500 PSI (240 bar) [max]
- Hydraulic flow = 35 gpm (132 l/min) [max]
- Hydraulic Input Power = 40 – 75 Hp
(30 - 55 kW)
- 12 or 24V Control System
- **Option #1:** Borterra supplies a dedicated hydraulic powerpack (diesel, gas or electric)
- **Option #2:** Borterra helps integrate the existing hydraulic system
- **Option #3:** Borterra supplies required information for the customer to do their own



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See it in action: medatech.ca/rodbot

Serving customers worldwide

