

# WS6000 Series



CUSTOM HYBRID  
DRILL RIGS

 **BORTERRA**







# Get the exact drill you need

We build each WS6000 Series mobile drill rig to your exact needs. Select Air, Water, Sonic, Coring, or combine drilling technologies in one rig. Switch between them with the click of a button.

Borterra has been developing unique drilling solutions for over 10 years. Our rigs drill any size of hole, to any depth, in any ground condition.

*Drill faster. Drill straighter. Drill cheaper.*

# Faster, better, safer

## Optimal drilling

Combine drilling technologies and switch with the click of a button for optimal drilling efficiency and production times.

## Better information

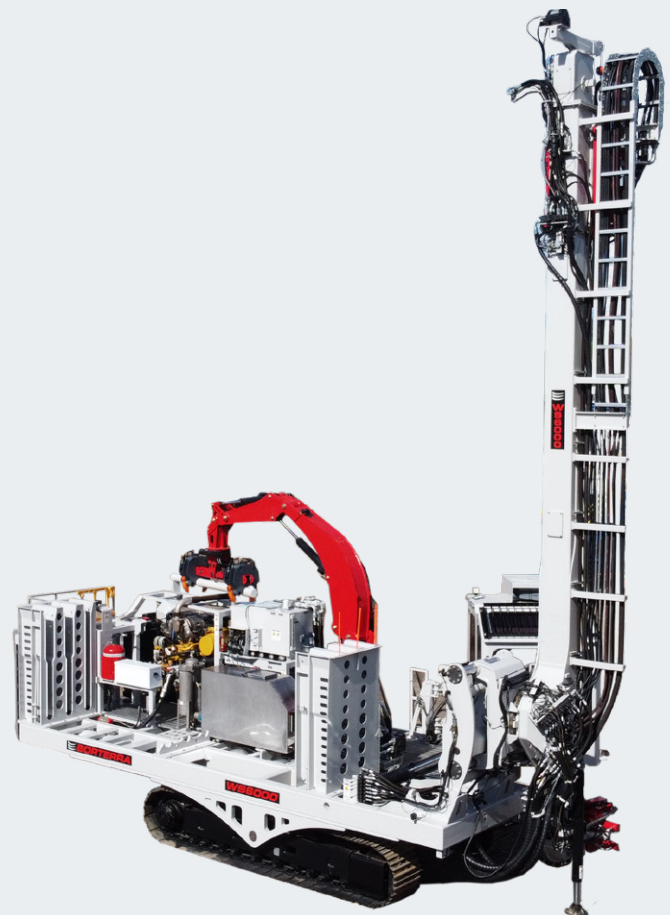
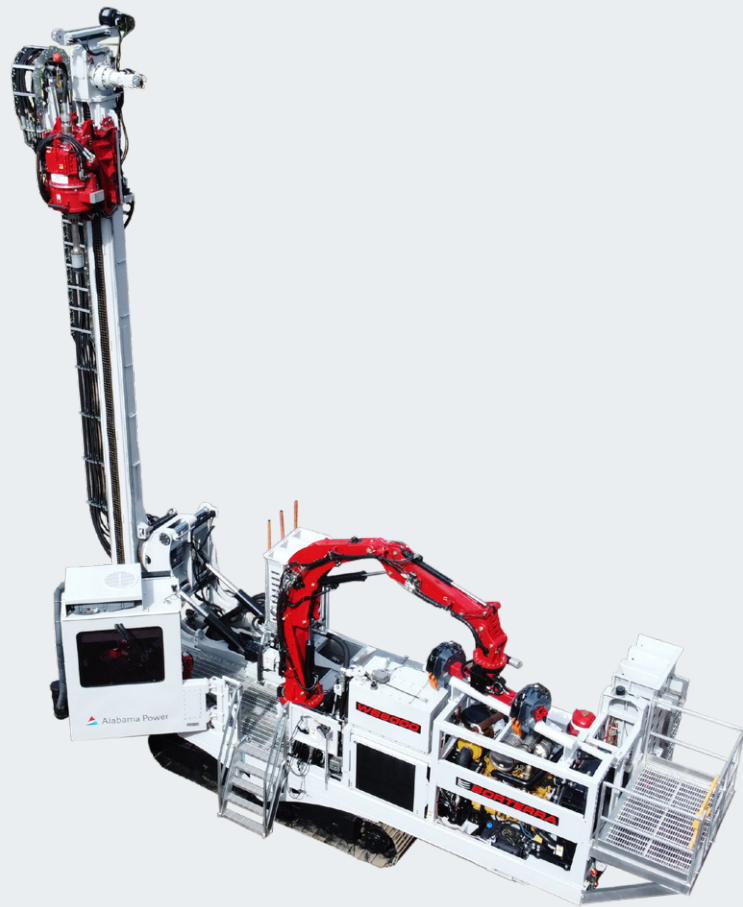
Map, store and share drill data, which can be used to determine geotechnical formations. Display it on any computer, worldwide.

## Safety first

Borterra RodBot™ eliminates manual rod handling, a common source of workplace injury. It also reduces time, handling up to 20-foot sections.

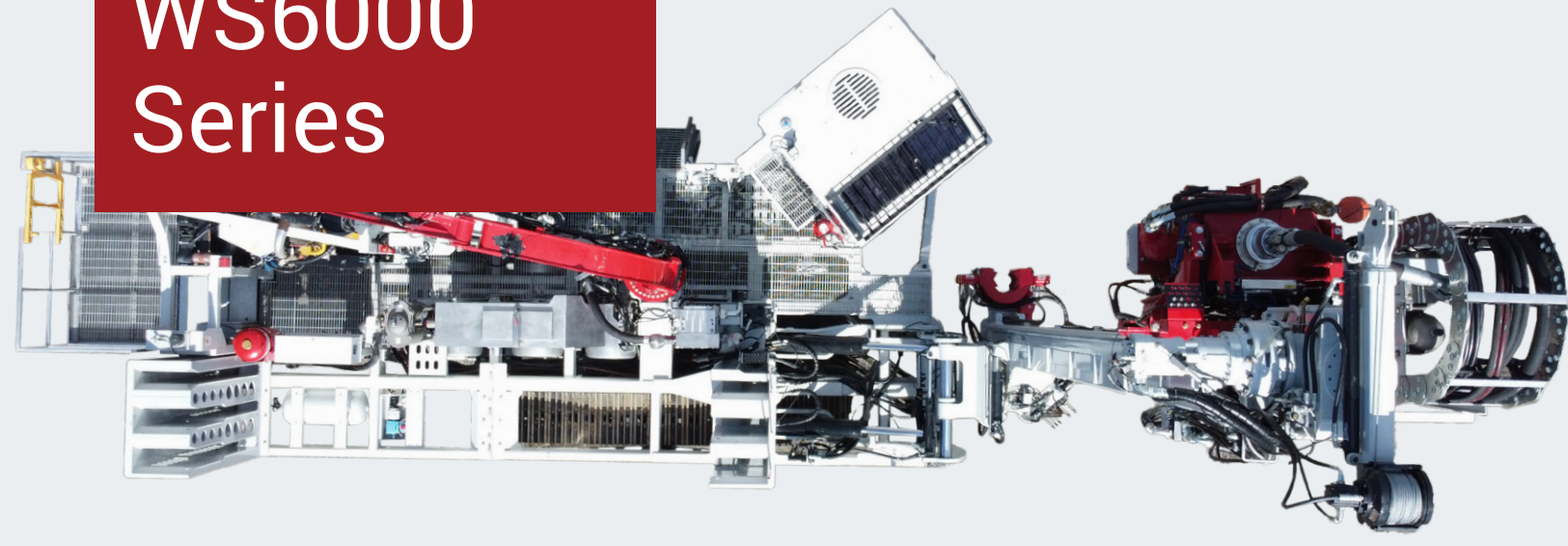
## A true partner

One-size-fits-all has never been our approach. Borterra develops, services and upgrades the drilling solutions that customers need.





# WS6000 Series



## **Base Carrier**

- Hydraulically powered, track mounted (fixed or oscillating)
- The torque hubs allow disengagement for towing
- SAHR Brakes (Spring Applied Hydraulic Released)
- Gradeability: 30°
- Ground clearance: 305mm (12")
- Two-speed tram motors with a maximum speed of up to 12 Km/hr
- EPA Tier 4 or 5, diesel engine
- Between 120 and 450 Hp, sized based on Drill
- Minimum 750L (200gal) fuel tank
- DEF tank sized to match fuel tank requirements

## **Hydraulic/Electric Requirements**

- Mast optimized for either 3m (10 ft) or 6m (20 ft) rod lengths
- Feed rate of up to 0.6m/s (120fpm)
- Hoisting force: mast-specific, up to 10,800kg (23,800lbs)
- Pulldown force: mast-specific, up to 7,480kg (16,500lbs)

- Positioning for operation:  $\pm 15^\circ$  off vertical front-to-back and/or side-to-side
- Slide-over (left-right) range of 300mm (12") (Optional)
- Hydraulically actuated breakout jaws and centralizer

## **Rod Handling (Optional)**

- Borterra RodBot™ handler

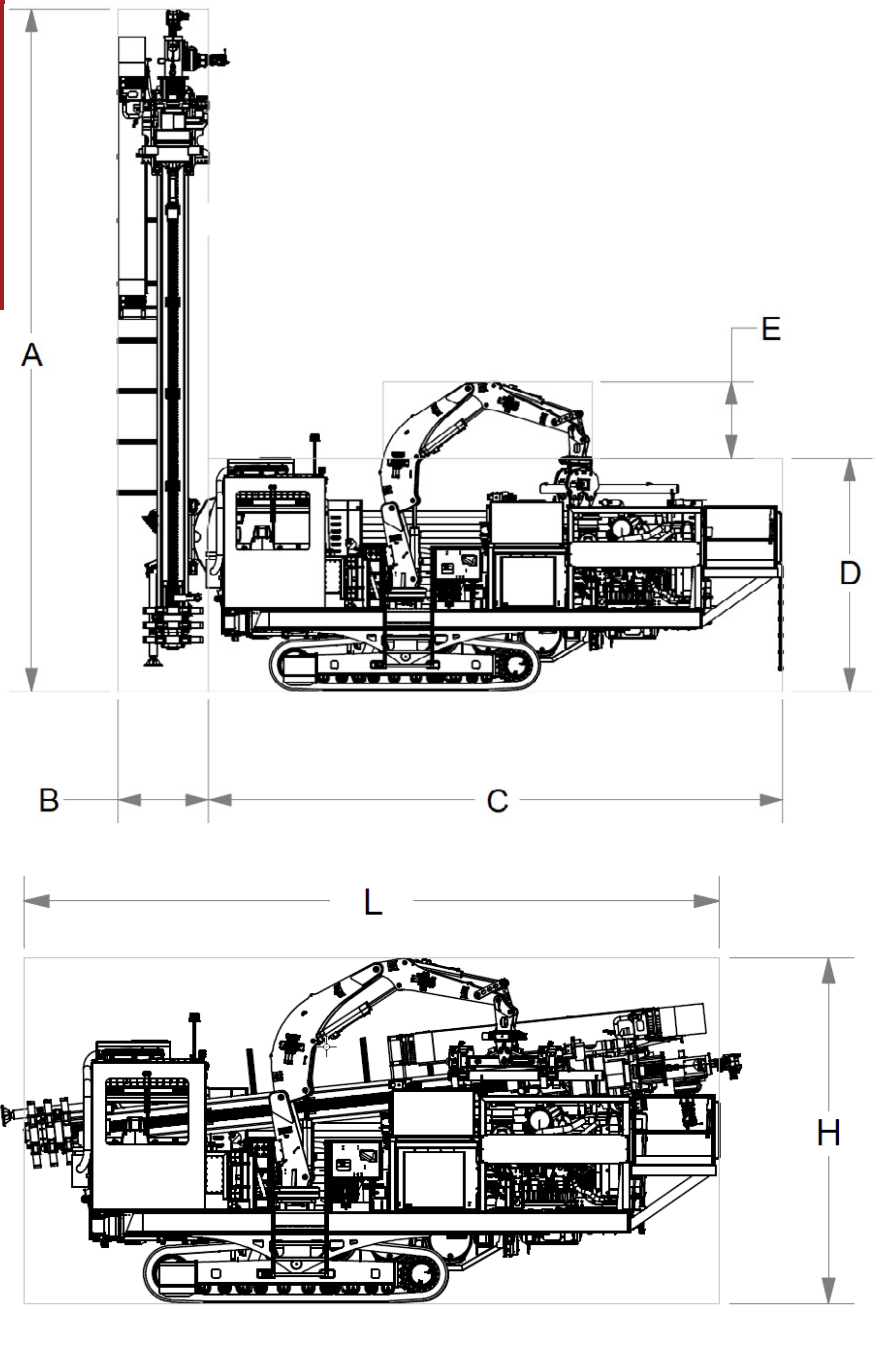
## **Operator Cab (Optional)**

- An enclosed operator cab, mounted directly on the drill rig
- Climate-controlled
- Ergonomic seat with large visibility windows
- HD Color camera system to eliminate blind spots in all directions

## **Radio Remote Controls**

- Remote #1: Full function remote  
Optional if drill has a cab
- Remote #2: Tramming only remote
- Remote #3: Core sampling remote
- Remote #4: Fully customizable

# WS6000 Series



Base Carrier	Option Suitability			Dimensions (inches/meters)							
	20' Rods	Onboard Rod Storage	Cab	H	W	L	A	B	C	D	E
BC01				200/5.08	96/2.44	268/6.81	360/9.14	61/1.55	239/6.07	145/3.68	52/1.32
BC02			✓	200/5.08	108/2.74	289/7.34	360/9.14	61/1.55	260/6.60	157/3.99	52/1.32
BC03		✓	✓	200/5.08	132/3.35	316/8.03	360/9.14	61/1.55	287/7.29	157/3.99	52/1.32
BC04	✓	✓	✓	200/5.23	132/3.35	416/10.57	460/11.68	61/1.55	387/9.83	157/3.99	52/1.32



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**Serving customers worldwide**

