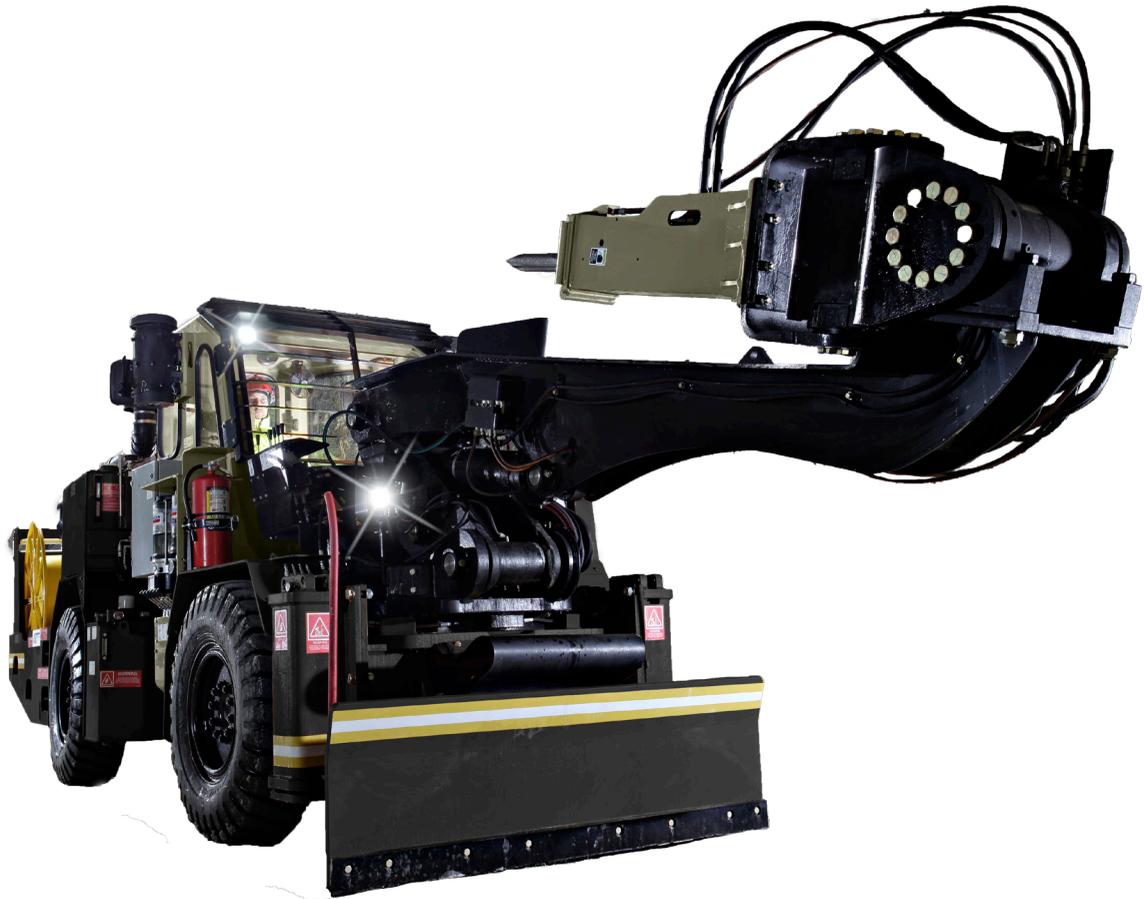


SCALEBOSS

Mobile Scalars



Maximum Coverage in a Smaller Package

Designed with a five-axis boom, Astec's ScaleBOSS 3D and 3DE scalar offers superior coverage and enhanced flexibility than competitive models. The heavy-duty, compact construction makes it easy to maneuver while withstanding severe conditions

Maximum Power with Decreased Emissions

Built with our Hydraulic Wheel Drive (HWD) and Advanced Braking & Trimming Control System (ABT, patent pending), the ScaleBOSS 3D and 3DE gains more traction and power with fewer emissions than conventional mechanical systems

Hydraulic Braking and Circuits

The hydraulic braking system allows for easier maintenance and cost as there are no brake pads to service or replace. Cylinders and hydraulic components are protected to avoid damage from contamination and there is a dedicated, open-center hydraulic circuit for the breaker function, making it easy to identify and address maintenance issues

Operator Comfort and Safety

Our ergonomic and ROPS/FOPS-certified operator cabin and HVAC system provide comfort and high visibility while maintaining personnel safety. Every ScaleBOSS 3D and 3DE offers Astec's ergonomic seat with joystick control, safety glass windows with front rock guard and rubber isolators between the cabin and chassis for comfort during trimming and scaling

Features

- Heavy-duty compact construction
- Optimal for 3 x 5-meter headings
- Five-axis boom for excellent maneuverability
- Powerful and reliable Deutz diesel engine
- Spherical roller bearing articulation joint designed for long life
- Closed loop hydraulic wheel drive with separate reservoir, 4-wheel drive and traction control
- Spring Apply Hydraulic Release (SAHR) parking/emergency brake in each hydraulic wheel motor
- Closed-loop hydraulic wheel end service brakes via pump-over-center swash plate
- Heavy-duty mining tires
- Load-sensing hydraulic circuit for boom and steering Functions
- Dedicated open-center hydraulic circuit for breaker fire Function
- 24Vdc/80-amp electrical circuit with CANBus based system, proportional electro-hydraulic control and touch-screen human interface
- Ergonomic ROPS/FOPS certified operator cabin with excellent visibility and operator comfort, complete with HVAC
- Heavy-duty fabricated boom structures with versatile feed, robust slew bearing, and dual rotary actuators for optimized coverage
- CX8SB (800 ft-lb class) scaling breaker

Physical/Operating Characteristics

Model	Operating Weight		Width		Tramming Length		Tramming Height		Boom Swing
	lb	kg	ft	m	ft	m	ft	m	deg
BX10	948	430	6.41	1.9	28	8.5	8.66	2.6	+/-30°

Model	Energy Class	Operating Weight		Blows Per Minute	Operating Pressure		Oil Flow		Tool Diameter	
	ft-lb	lb	kg	BPM	psi	bar	gpm	lpm	in	mm
BX10	1,000	948	430	350 - 1,000	2,000	140	21-Dec	45 - 80	3.1	78