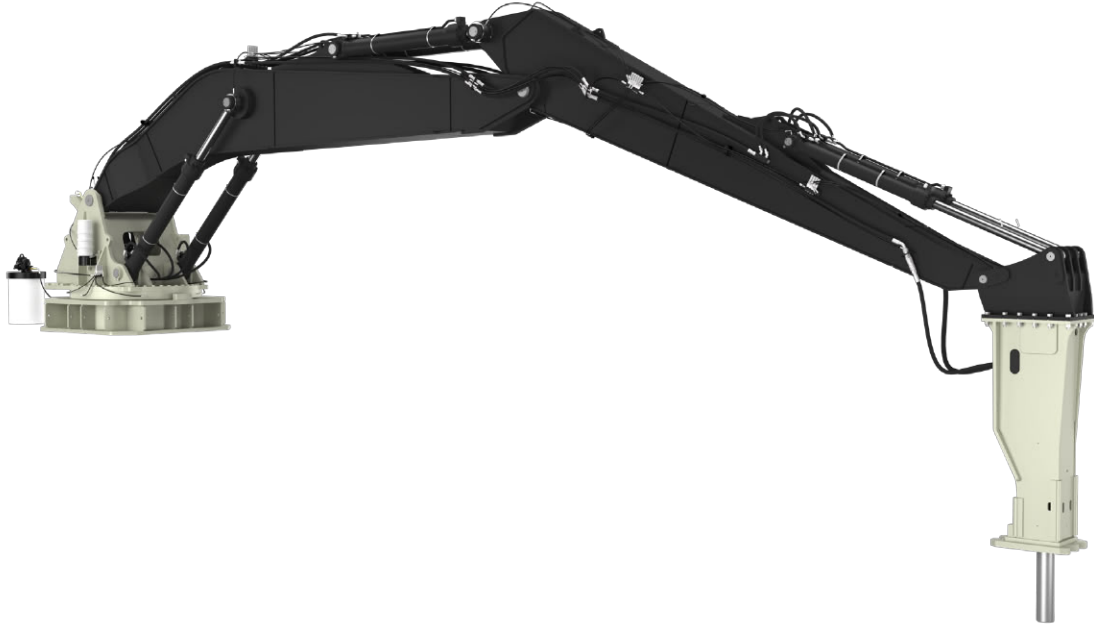


TTXHD SERIES

Rock Breaker System



Maximum Strength

Oversized hardened alloy pins, steel-bronze bushings impregnated with lubricant, and thrust washers deliver maximum service under adverse conditions. Our induction-hardened chrome cylinder rods resist damage from fly rock. Four plate variable cross-section booms are specifically designed to minimize stress concentrations that typically lead to fatigue cracks

Longer Lifespan

Astec implements many design features that contribute to the overall life of the rock breaker system. High-pressure hydraulic cylinders are equipped with high tensile steel-cast cylinder lugs provide maximum strength in rock breaking applications. Hardened boom pins to improve wear resistance and strength. Our pins have corrosion protection in order to maximize the life of pin joints. The steel-bronze bushings are impregnated with a solid lubricant and maximize the pin joint lifespan as well

High Production

For high production applications, Astec combines enhanced motion control and boom position feedback for continuous speed giving the highest level of controllability while minimizing cycle times, reducing operator fatigue and improving production.

Pedestal Design

The turntable design offers a 330-degree full rotation with a hydraulic-driven slew-bearing drive producing a constant swing torque for consistent force during operation. All models are fitted with relief functions and back drive capability to absorb shock loading from the crusher without damaging the rock breaker system

Premium Controls

Astec offers a wide range of controls for all rock breaker systems. The BreakerINTEL control system, Astec's premium controls option, can provide long-distance controls for single or multiple rock breakers, enhanced motion control and position feedback with collision avoidance, programmable ramp generation and flow sharing that easily integrate into your current plant. The system can also provide monitoring and diagnostics to integrate into your site operations controls. Our standard proportional control comes with your choice of game-style or joysticks control

Physical/Operating Characteristics

Model	Operating Weight Range *		A		B		C		Recommended Breaker Range
			Vertical Breaker Reach Forward **		Vertical Breaker Reach Down **		Maximum Reach Forward **		
	lb	kg	ft	m	ft	m	ft	m	
TTXHD48	68,880 – 73,050	31,250 – 33,130	49	14.75	41	12.5	59	17.75	BXR65 to BXR120
TTXHD52	69,350 – 72,270	31,450 – 32,780	52	15.75	44	13.5	61	18.5	BXR65 to BXR100
TTXHD54	69,760 – 71,380	31,640 – 32,370	54	16.5	45	13.75	62	19.0	BXR65 to BXR85
TTXHD57	70,230 – 71,850	31,850 – 32,590	56	17.0	48	14.75	65	20.0	BXR65 to BXR85

All specifications are subject to change without notice. All results may vary.
* Operating weight is dependent on final breaker size, power pack configuration and optional equipment
**Dimensions based referenced from center of swing rotation.
**Dimensions nominal (based on BXR65 breaker) and subject to change based on final breaker selection.

