

HFS SERIES MECHANIZED SCALER

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BTI BREAKER TECHNOLOGY
an Assec Industries Co.



DEDICATED MECHANICAL SCALING THAT KEEPS YOU ON BUDGET AND ON TIME

BTI's HFS (Hammer Feed Scaler) Series Scalers are purpose-built underground mining equipment with a heavy duty, large cross-section boom providing excellent strength during scaling operations. Its telescopic boom is ideal for 4- to 8-meter headings with a +/-30 degree boom swing, hoist, dipperstick and tilt functions combined with a breaker swing and breaker feed for optimum breaker positioning and precise scaling under varying conditions.

They are engineered to provide a safe and efficient method of mechanical scaling and the flexibility to deal with nearly all scaling situations. Its rugged construction handles heavy shock loads while keeping its position and stability when working. The scaler provides you with the maneuverability to work in tight quarters with the variable breaker power to match your scaling requirements with an investment that keeps you on budget and ahead of the grade.

FEATURES AND BENEFITS

+ Optimal Scaler Positioning

The six-axis movement permits optimum positioning to ensure only loose rock is scaled. The variable control system for both boom and breaker functions provide adaptability to site conditions, eliminating over-scaling and "sounding" is readily achieved.

+ Fast set-up times and stable operations

The HFS Series Scaler offers four heavy duty tube-in-tube self-leveling stabilizers to ensure your crew is working safely without compromising time. The stabilizers also eliminate the oscillation of the engine end axle for excellent machine stability during boom and breaker operation.

+ Easily address maintenance issues

With one complete hydraulic system for the carrier and

one for the hydraulic breaker, maintenance intervals are reduced and a high level of fluid cleanliness is maintained.

+ Rugged build to withstand falling rock

The HFS Series Underground Scaler is ruggedly built to handle abnormal loads during scaling. A heavy-duty telescopic boom knuckle comfortably withstands loads. For any carrier with a boom, stability and good weight distribution play a vital role in reducing shock loads, ultimately providing longer life and reduced maintenance.

+ Excellent dexterity and strength

When breaking oversize material in underground mining, you need something that can withstand the harsh condition. BTI's HFS Series Scaler is purpose-built with a heavy-duty, large cross-section boom.

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50101-ENG-0519

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SPECIFICATIONS

MODEL	UNITS	HFS16	HFS20	HFS25
Operating Weight	lbs kg	45,160 20,527	45,900 20,869	46,500 21,136
Overall Trimming Length	ft m	39'1" 11.9	34'3" 10.4	39'2" 11.9
Overall Width	ft m	7'1" 2.2	7'1" 2.2	7'1" 2.2
Trimming Height	ft m	8'6" 2.6	8'6" 2.6	8'6" 2.6
Carrier Articulation	degree	+/- 45°	+/- 45°	+/- 45°
Inside Turning Radius	ft m	10'10" 3.3	10'10" 3.3	10'10" 3.3
Outside Turning Radius	ft m	23'7" 7.2	19'11" 6.1	23'9" 7.2
Boom Swing	degree	+/-30°	+/-30°	+/-30°

MODEL	UNITS	BX10
Energy Class	ft-lbs joule	1,000 1,355
Operating Weight	lbs kg	948 430
Blows per Minute Long Stroke	BPM	350 - 900
Blows per Minute Short Stroke	BPM	450 - 1,000

Specifications are subject to change without obligation of prior notice.
All results may vary.

OPTIONS:

- ⊕ Enclosed ROPS/FOPS operator's cab
- ⊕ Seating configurations
- ⊕ Air intake system
- ⊕ Exhaust system
- ⊕ Fuel filling system
- ⊕ Hydraulic filling system
- ⊕ Wheel chocks
- ⊕ Tires
- ⊕ Fire suppression system
- ⊕ Electric power pack
- ⊕ Boom greasing system
- ⊕ Remote control system



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