

RMS SERIES MECHANIZED SCALER

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BTI BREAKER
TECHNOLOGY
an Assec Industries Co.



DEDICATED MECHANIZED SCALING FROM A SINGLE POSITION

The RMS Series Mechanized Scalers keeps your operation ahead of the grade by offering you a dedicated scaler for a complete and efficient operation.

BTI's RMS Series Scaler brings together flexibility, high speed and mobility to the underground environment. Its six-axis boom offers superior coverage in a 3.5 - 6.2 meter heading with 180-degrees of boom swing motion and additional 180-degrees of breaker side swing.

The scaler series offers a tight turning radius of +/- 45 degrees, while the heavy-duty self-leveling stabilizers provide quick set-up times and stable operation. Its rugged construction handles heavy shock loads while keeping its position and stability when working. The ROPS/FOPS certified operator cabin and HVAC system maintains excellent personnel safety while providing high visibility and comfort.

FEATURES AND BENEFITS

+ Get superior coverage

The rugged dependable BTI hydraulic breaker is protected by an anti-blank fire mechanism and a separate hydraulic circuit to prevent scaling contamination from damaging the vehicle's hydraulic system.

+ Fast set-up times and stable operations

The RMS 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.

+ Precise Positioning

The heavy-duty, highly- maneuverable boom allows for the precise positioning of the hammer and the feed action to create the scaling motion.

+ Good visibility for both tramming and breaking functions

Located mid-ship, the RMS Series Scaler operator's cab provides great visibility and safety while moving through an underground mine and during scaling operation.

+ Get superior coverage

The RMS Series Scaler offer coverage in a 3.5 - 6.2 meter heading with a six-axis, slew-bearing boom and 180-degrees boom swing to scale the mine heading's face, back and both side walls from a single position.

Breaker Technology Ltd.

35 Elgin Street North
Thornbury, Ontario
N0H 2P0 Canada
Phone: 519.599.2015
Fax: 519.599.6803

Breaker Technology Ltd.

30625 Solon Industrial Pkwy
Solon, Ohio
44139 USA
Phone: 440.542.3720
Fax: 440.542.3721

Breaker Technology Ltd.

3453 Durahart Street
Riverside, California
92507 USA
Phone: 951.369.0878
Fax: 951.369.8281

Find us on



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50201-ENG-0519

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SPECIFICATIONS

MODEL	UNITS	RMS 18
Operating Weight	lbs kg	45,365 20,700
Overall Trimming Length	ft m	31 10.3
Overall Width	ft m	7 2.1
Trimming Height	ft m	8'6" 2.6
Carrier Articulation	degree	+/-45
Inside Turning Radius	ft m	12 3.7
Outside Turning Radius	ft m	21'3" 6.5
Boom Swing	degree	+/-90
Nominal Breaker Reach	ft m	42'4" 12.9

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



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