AST SERIES
Hydraulic Breaker

2-Speed Hydraulic Adaptive Stroke System
- Improved Productivity – adapts and adjusts speed automatically to changing material hardness. Tests have shown up to 15% increase in production rate over operation in single speed
- Higher Durability - reduces and wear and damage by only applying the power level required
- Increased Power – provide my more efficient hydraulic circuit
- Operator Convenience – eliminates the need to manually adjust the speed control

Signal Telemetry
Monitor hydraulic breaker data and get notifications via Smart Phone, PC, or tablet.
- Track Location
- Monitor Operating Hours
- Be notified of Maintenance & Service Intervals

Automatic Greasing System
- Breaker mounted, hydraulically driven grease pump, connected to dedicated pressure and return ports on the hydraulic breaker body
- 400 g (14 oz) Replaceable Grease Cartridge that can be replaced or can be re-filled through a grease fitting
- Grease output adjusted for each model of AST Hydraulic Breaker, the unit is equipped with an adjustment screw

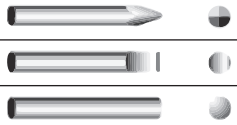
Vibration Damper System
Additional side-ear dampers absorb vibration and provide structural support to the main body. *AST130 & AST160 only*

Optimized Seal Design
Designed to maximize seal life and reduce scratching.

High-performing Piston Design
Engineered striking-surface geometry ensures balanced weight distribution, helping prevent one-side firing.

Heavy-Duty Tool Retainer Pins and Front Tool Bushing
Ensure longer service life for key components.

Tool Options & Applications

Description	Shape	Application	Rock Types
Moil		Concrete, Asphalt, Rock, Slopes	Basanite, Granite, Diabase
Chisel		Trenching, Slopes, Finishing	Basanite, Granite, Diabase, Sandstone Limestone, Coal
Blunt		Quarry Secondary Breaking	Basanite, Granite, Diabase, Sandstone Limestone, Coal

Physical/Operating Characteristics

		Model					
Dimension	Specification	AST50	AST70	AST90	AST110	AST130	AST160
Carrier Weight Class	lb	39,700 - 66,140	55,115 - 83,775	61,700 - 92,595	77,160 - 121,255	105,820 - 165,350	121,300 - 220,500
	tonne	18 - 30	25 - 38	28 - 42	35 - 55	48 - 75	55 - 100
Working Weight	lb	3925	6170	6855	8310	9920	13755
	kg	1780	2799	3110	3770	4500	6240
Tool Diameter	in	5 .5	5.9	6.3	6.9	7.1	7.9
	mm	140	150	160	175	180	200
Exposed Tool Length	in	27.8	29.5	30.4	31.7	32.2	36.6
	mm	706	750	772	805	818	930
Hydraulic Oil Flow Range	gpm	34 - 45	45 - 63	51 - 69	58-74	66 - 87	79 - 106
	lpm	130 - 170	170 - 240	190 - 260	220 - 280	250 - 330	300 - 400
Hydraulic Operating Pressure Range	psi	1885 - 2610	2175 - 2610	2175 - 2610	2175 - 2610	2175 - 2610	2175 - 2610
	bar	130 - 180	150 - 180	150 - 180	150 - 180	150 - 180	150 - 180
Blow Rate	bpm	250 - 650	270 - 650	260 - 650	250 - 600	220 - 550	200 - 480
Sound Level (measured)	dB	116	121	121	124	130	135
Stroke Control	---	2-Speed Adaptive	2-Speed Adaptive	2-Speed Adaptive	2-Speed Adaptive	2-Speed Adaptive	2-Speed Adaptive
Anti-Blank Fire	---	Standard	Standard	Standard	Standard	Standard	Standard
Breaker Mounted Lube System	---	Standard	Standard	Standard	Standard	Standard	Standard
SignalSense Telematics	---	Standard	Standard	Standard	Standard	Standard	Standard
Remote Air Breather	---	Standard	Standard	Standard	Standard	Standard	Standard
Swivel Fittings	---	Standard	Standard	Standard	Standard	Standard	Standard
Extreme Duty Wear Kit	---	Optional	Optional	Optional	Optional	Optional	N/A

Note: Consult factory for exact dimensions, specifications are subject to change without notice.