

AUSSIE BUCKETS
SAY NO TO MARKUPS



DAEMO

Smart Breaker Series

2025

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*Pictured models: SMe, SM, BN and Alicon Breakers

DAEMO

Smart Breaker Series

AVAILABLE FOR 0.5-120 T

The DAEMO Smart Breaker Series comprises four models: SMe, SM, BN, and ALICON, each based on proven rock-breaking technology with features for specific tasks. The ALICON Series, the base model, upgrades the AB Breaker with an optional 2 Stroke Manual Hydraulic Adjustment on select units and an Anti-Blank Firing (ABF) system to boost breaking speed, reduce wear on chisel, t-bolt, and front head, and prolong life. The SMe Series, the top model, has a 3 Level Electronic Automatic Stroke Adjustment System (long, medium, short) tailored to materials. It includes an In-Cab Display for stroke settings, speed, and time, with auto/manual mode options. An optional Smart Connector offers servicing alerts, data visualisation, and tracking. It delivers 26%

more productivity than ALICON and suits continuous use in tough conditions. The SM Series features a 2 Level Hydraulic Automatic Stroke Adjustment system (long/short), 18% more impact energy than ALICON, and Auto Greasing, built for use up to 75% per week. The BN Series provides 5-7% more impact energy than ALICON, with 2 Stroke Manual Hydraulic Adjustment, ABF, and Auto Greasing, designed for extended work on hard materials. All DAEMO Smart Breakers include a 12-month warranty and are ready after chisel insertion and greasing, meeting various breaking requirements.



SMe Smart Breaker

- + 3 Stroke Automatic Electronic Adjustment
- + Ideal for full-time use, operating at 80-90% capacity during weekly hours.



SM Smart Breaker

- + 2 Stroke Automatic Hydraulic Adjustment
- + Ideal for heavy usage in the 50-80% weekly operating hours range.



BN Breaker

- + 2 Stroke Manual Hydraulic Adjustment
- + Ideal for part-time usage in the 25-50% weekly operating hours range.



Alicon Breaker

- + 2 Stroke Manual Hydraulic Adjustment
- + Ideal for infrequent-rare usage in the 0-25% weekly operating hours range.

Specifications

SMe Smart Breaker

Tonnage	Weight (kg)	Impact Energy (J)	Chisel Diameter (mm)	Pressure (kgf/cm²)	Flow Rate (L/min)	Impact Rate (BPM)	Input Power (kW)	Model Code
28-36	3120	9503	160	150-180	190-260	260-650	76.4	AB-SM380e
37-55	3780	11803	175	150-180	220-280	250-600	85.3	AB-SM480e
55-75	4510	15063	180	150-180	250-330	220-550	97	AB-SM650e
75-100	6250	19168	200	150-180	300-400	200-480	117.6	AB-SM850e

SM Smart Breaker

Tonnage	Weight (kg)	Impact Energy (J)	Chisel Diameter (mm)	Pressure (kgf/cm²)	Flow Rate (L/min)	Impact Rate (BPM)	Input Power (kW)	Model Code
18-25	1780	4792	140	130-180	130-170	250-650	50	AB-SM230
22-29	2068	7271	145	140-180	150-210	250-650	61.7	AB-SM250
25-30	2700	8041	150	150-180	170-240	270-650	63.5	AB-SM320
28-36	3110	9503	160	150-180	190-260	260-650	76.4	AB-SM380
35-55	3770	11803	175	150-180	220-280	250-600	85.3	AB-SM480
55-75	4500	15063	180	150-180	250-330	220-550	97	AB-SM650
75-100	6240	19168	200	150-180	300-400	200-480	117.6	AB-SM850

BN Breaker

Tonnage	Weight (kg)	Impact Energy (J)	Chisel Diameter (mm)	Pressure (kgf/cm²)	Flow Rate (L/min)	Impact Rate (BPM)	Input Power (kW)	Model Code
5-8	445	1265	78	100-140	45-80	350-900	18.3	AB-BN70
6-9	563	1496	85	100-140	50-100	300-700	22.8	AB-BN90
10-14	917	2376	105	120-160	90-110	350-550	28.7	AB-BN140
16-20	1240	3341	120	120-170	100-140	350-550	38.8	AB-BN180
18-22	1500	4136	135	130-180	120-170	350-500	50	AB-BN200
18-25	1780	4792	140	130-180	130-170	250-400	50	AB-BN230
22-29	2068	7271	145	140-180	150-210	250-350	61.7	AB-BN250
30-38	2700	8041	150	150-180	170-240	270-400	70.6	AB-BN320
34-42	3110	9503	160	150-180	190-260	260-350	76.4	AB-BN380
42-55	3770	11803	175	150-180	220-280	250-320	85.3	AB-BN480
55-75	4500	15063	180	150-180	250-330	250-330	97	AB-BN650
75-100	6240	19168	200	150-180	300-400	300-400	117.6	AB-BN850

Alicon Breaker


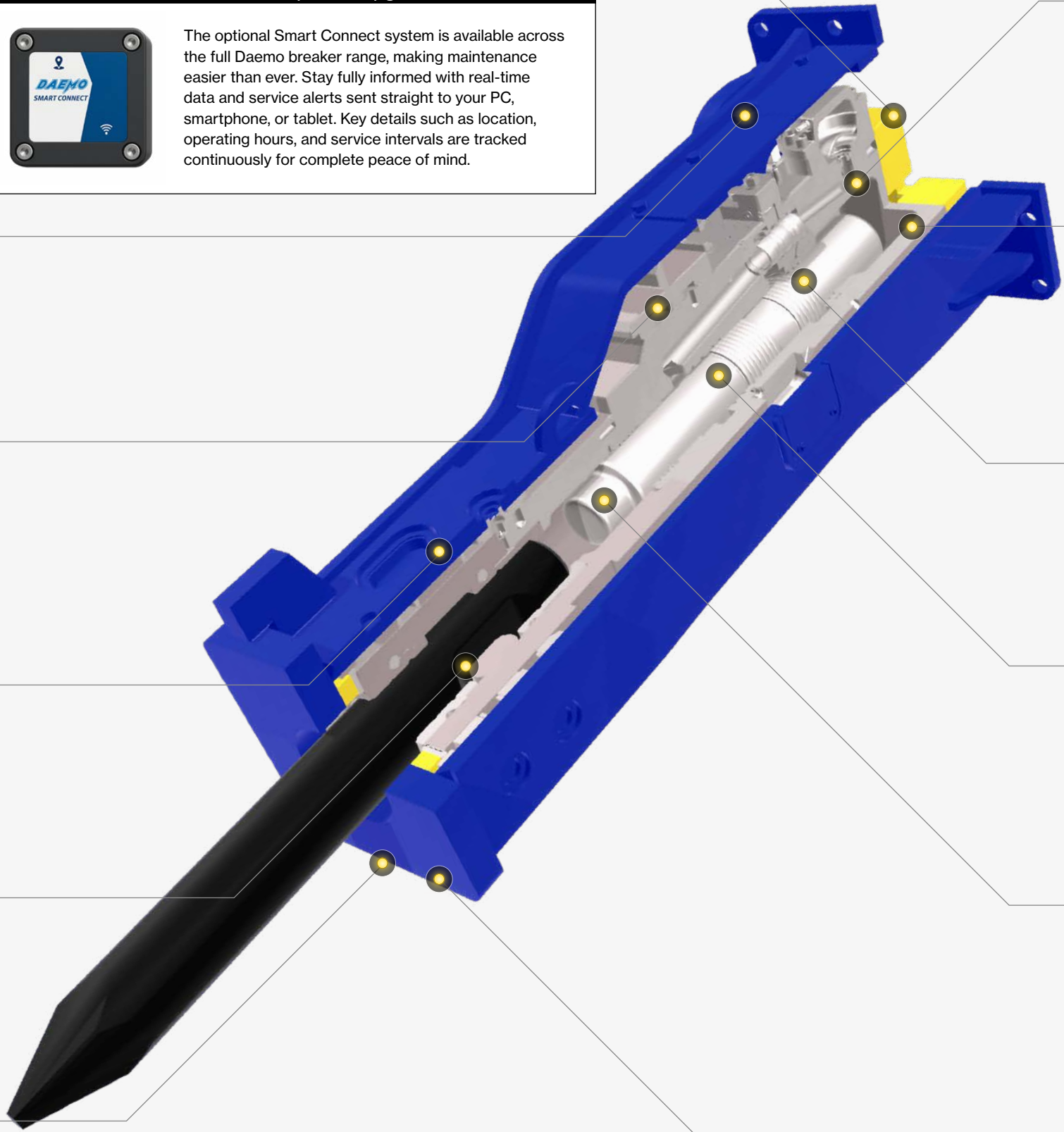
Tonnage	Weight (kg)	Impact Energy (J)	Chisel Diameter (mm)	Pressure (kgf/cm²)	Flow Rate (L/min)	Impact Rate (BPM)	Model Code
0.5-1.2	65	212	40	70-120	10-22	600-1200	AB-B06
1.0-1.6	115	224	40	70-110	15-30	600-1200	AB-B10
1.7-2.5	150	302	45	80-120	20-40	600-1200	AB-B20
2.0-3.0	180	420	53	80-120	25-45	600-1100	AB-B30
3.0-4.5	224	686	62	100-140	30-50	500-1000	AB-B40
4.5-5.5	333	860	70	100-140	30-55	350-900	AB-B50
5.5-6.5	375	1050	75	100-140	35-70	350-800	AB-B60
5.0-8.0	431	1150	78	100-140	45-80	350-900	AB-B70
6.0-9.0	614	1360	85	100-140	50-100	300-700	AB-B90
10.0-15.0	929	2160	105	120-160	90-110	350-550	AB-B140
16.0-20.0	1209	3037	120	120-170	100-140	350-550	AB-B180
18.0-25.0	1738	3760	135	130-170	110-160	350-500	AB-B210
18.0-25.0	1777	4356	140	130-180	130-170	250-400	AB-B230
22.0-29.0	2165	6610	145	140-180	150-200	250-400	AB-B250
26.0-32.0	2832	7310	150	140-180	180-240	200-350	AB-B300
30.0-40.0	2937	7310	155	140-180	180-240	200-350	AB-B360
40.0-50.0	3713	10730	165	140-180	200-280	200-300	AB-B450
50.0-80.0	4380	13694	180	150-190	280-340	250-420	AB-B650
80.0-100.0	5850	17425	200	150-190	320-420	175-320	AB-B850
100.0-120.0	8060	20910	220	175-200	360-450	300-475	AB-B1000

New Smart Breaker Technology
3-level Electronic Auto Stroke System

The new Daemo SMe Series features a cutting-edge 3-Level Electronic Automatic Stroke System, designed to adapt stroke length and impact force based on material hardness. With three optimized levels—Long Stroke for maximum power (100%) and low blow rate (50%), Moderate Stroke for balanced performance (70% power and blow rate), and Short Stroke for high-speed operation (100% blow rate, 50% power)—the SMe automatically adjusts to deliver optimal performance across a range of applications.

Operators can control stroke settings, monitor performance, and switch between auto or manual modes through the intuitive In-Cab Display. For added intelligence, the optional Smart Connector provides real-time diagnostics, maintenance alerts, and performance tracking. Delivering 26% more productivity than the ALICON series, the SMe is built for durability, efficiency, and continuous use in demanding conditions.



Features		
<p>Ideal Damper System (Select Models)</p> <p>Additional side ear dampers are incorporated to absorb vibration and provide extra support to the main body. This enhances stability and reduces wear during operation.</p>	<div><div>Smart Connect (Optional Upgrade)</div><div><p>The optional Smart Connect system is available across the full Daemo breaker range, making maintenance easier than ever. Stay fully informed with real-time data and service alerts sent straight to your PC, smartphone, or tablet. Key details such as location, operating hours, and service intervals are tracked continuously for complete peace of mind.</p></div></div> 	<p>3 Level Electronic Auto Stroke Adjuster (SMe Series)</p> <p>The SMe features an electronically controlled system that adjusts to three stroke settings:</p> <ul style="list-style-type: none">• Long: Heavy impact force, slow impact rate• Mid: Medium impact force, medium impact rate• Short: Light impact force, fast impact rate
<p>Rotating Swivel Joint (Select Models)</p> <p>Designed to protect hydraulic hoses from excessive vibration and twisting, reducing wear and improving hose longevity during operation.</p>		<p>2 Level Hydraulic Auto Stroke Adjuster (SM Series)</p> <p>The SM includes a hydraulically controlled system that adjusts to two stroke settings:</p> <ul style="list-style-type: none">• Long: Heavy impact force, slow impact rate• Short: Light impact force, fast impact rate
<p>Improved Accumulator Structure (Select Models)</p> <p>Enhances clamping force and minimises nitrogen leakage, resulting in more stable performance and reduced maintenance requirements over time.</p>		<p>2 Level Hydraulic Manual Stroke Adjuster (BN & ALICON Series Only)</p> <ul style="list-style-type: none">• Long: Heavy impact force, slow impact rate• Short: Light impact force, fast impact rate <p>The operator must exit the machine to manually adjust the stroke on the breaker.</p>
<p>Anti-Blank Firing System (Select Models)</p> <p>Prevents the breaker from firing when not in contact with material, protecting critical parts such as the chisel, chisel pin, T-bolt, and front head. Reduces wear and lowers the risk of damage during idle strikes.</p>		<p>Innovative Piston Design for Better Performance</p> <p>The piston's striking surface has been redesigned for improved weight balance, significantly reducing the chance of one-sided firing and enhancing overall breaker efficiency.</p>
<p>Auto Greasing System (Select Models)</p> <p>Automatically lubricates the chisel during operation, eliminating the need for manual greasing. This ensures consistent performance while saving time and extending tool life.</p>		<p>Premium Seal System</p> <p>Equipped with a high-quality sealing solution that extends the life of internal seals and effectively reduces scratches, ensuring long-lasting reliability under harsh working conditions.</p>
<p>Dust Protection (Select Models)</p> <p>Specialised dust seal kits are recommended for tunnelling and other dust-heavy environments. These prevent dust from entering seals around the chisel, protecting vital internal components.</p>		<p>Reinforced Chisel Pin and Front Cover</p> <p>Features strengthened materials that significantly improve the durability of the chisel pin and front cover, extending the overall service life of the breaker under tough usage.</p>

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For complete information on Aussie Buckets products and industry solutions, visit our website:

www.aussiebuckets.com.au

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