




Bretec
Make an Impact.

Breakers

BREAKING TECHNOLOGY

AUTOMATIC GREASING

Auto lubrication is available as an option for greater tool protection to all C-series Bretec breakers M17C, L20C and L30C





All Bretec breakers come fully CE compliant, supplied by Sandvik Mining and Construction Oy, Lahti, Finland and are manufactured in accordance with ISO 9001, ISO18001 and ISO 14001 standards. Quality control processes from the factory right up to the point of installation ensure that each and every Bretec breaker will have you making an impact in no time.



ENHANCED PRODUCTIVITY



Bretec first made its mark in the hydraulic breaker OEM business back in 1994. Now after almost 20 years since Bretec's first impact, a Bretec branded breaker offering of silenced and pin-on hydraulic breakers is here. Bretec range has been strategically placed to offer competitive products that are good quality and cost-effective for the middle segment market.

BREAKER PRODUCT RANGES

All Bretec-models are
fully CE compliant

SILENCED RANGE

The Bretec Silenced range of hydraulic breakers offers increased noise prevention, making them ideal for urban applications. The range comprises three families of hydraulic breakers, all of which come with a box type housing.

PIN-ON RANGE

The pin-on style housing has been especially fabricated to offer optimal space utilization during transportation as it allows the breaker to tuck in when mounted on tractors or backhoes. Designed to provide the most simple and cost-effective solution to your breaking needs.

FEATURES & BENEFITS

- Vibration dampening system ➔ Less vibration/damage to the carrier
- Sound suppression system ➔ Environmentally friendly and compliant with regulations
- Easy to service ➔ Less downtime, more productive
- Easy to service ➔ Lower owning & operating costs
- Massive tool sizes ➔ Better productivity and durability
- Nitrogen accumulator ➔ Protects carrier's hydraulics for lower repair costs
- Idle Blow Protection (M17C, L20C, L30C) ➔ Prevents idle strokes which avoids internal stress extending life span driving to a lower owning and operating costs
- Automatic greasing system as retrofit for M17C, L20C, L30C ➔ Easy to install, protects to premature wearing at critical hammer parts in order to keep peak performance and extended life span



SPECIFICATIONS OF BREAKERS



BRETEC BREAKERS		COMPACT C2 Silenced	C3 Silenced	MEDIUM M5 Silenced	M7 Silenced	M15 Silenced
Minimum working weight, flange mounted ⁽¹⁾	kg (lb)	150 (330)	180 (400)	340 (750)	420 (930)	906 (1980)
Impact rate	bpm	450 - 1400	500 - 1350	450 - 950	400 - 950	450 - 750
Operating pressure	bar (psi)	60 - 120 (870 - 1740)	70 - 120 (1015 - 1740)	90 - 140 (1305 - 2030)	90 - 140 (1305 - 2030)	130 - 160 (1885 - 2320)
Pressure relief, min ⁽²⁾	bar (psi)	170 (2465)	170 (2465)	140 (2030)	140 (2030)	220 (3190)
Pressure relief, max	bar (psi)	200 (2900)	200 (2900)	190 (2755)	190 (2755)	240 (3480)
Oil flow range	l/min (gal/min)	15 - 40 (3.9 - 10.6)	25 - 50 (6.6 - 13.2)	35 - 70 (9.2 - 18.5)	45 - 85 (11.9 - 22.5)	80 - 110 (21.1 - 29.1)
Back pressure, max	bar (psi)	20 (290)	20 (290)	15 (220)	15 (220)	10 (145)
Input power	kW (hp)	8 (11)	10 (13)	15 (20)	21 (28)	29 (39)
Tool diameter	mm (in)	45 (1.77)	53 (2.09)	68 (2.68)	75 (2.95)	100 (3.94)
Miniexcavator/ carrier weight, range ⁽³⁾	t (lb)	1.5 - 3.0 (3300 - 6600)	2.0 - 4.0 (4400 - 8800)	4.0 - 8.5 (8800 - 18700)	6.0 - 10 (13200 - 22000)	10 - 16 (22000 - 35300)
Skid steer, robot weight, range ⁽³⁾	t (lb)	1.2 - 2.0 (2600 - 4400)	1.4 - 3.0 (3100 - 6600)	-	-	-
Noise level, measured sound power level, LWA ⁽⁴⁾	dB(A)	110	111	116	118	124
Noise level, guaranteed sound power level, LWA ⁽⁴⁾	dB(A)	114	115	120	122	128

⁽¹⁾ Includes average mounting bracket and standard tool. ⁽²⁾ Minimum setting = actual operating pressure + 50 bar or (+ 725 psi).

⁽³⁾ Check carrier allowed attachment weight from carrier manufacturer. Check application requirements. ⁽⁴⁾ According to European Union DIRECTIVE 2000/14/EC.

New M17C & L20C



	M17C Silenced	LARGE L20C Silenced	L30C Silenced	PIN-ON M5 Pin-On	M7 Pin-On
	1240 (2730)	1650 (3640)	2320 (5110)	285 (630)	380 (840)
	280-760	390-700	400 - 700	450 - 950	400 - 950
	160-180 (2320-2610)	160-180 (2320-2610)	160 - 180 (2320 - 2610)	90 - 140 (1305 - 2030)	90 - 140 (1305 - 2030)
	230 (3335)	230 (3335)	230 (3335)	140 (2030)	140 (2030)
	250 (3625)	250 (3625)	250 (3625)	190 (2755)	190 (2755)
	100-140 (26.4-37.0)	130-170 (34.3-44.9)	150 - 200 (39.6 - 52.8)	35 - 70 (9.2 - 18.5)	45 - 85 (11.9 - 22.5)
	10 (145)	10 (145)	10 (145)	15 (220)	15 (220)
	42 (56)	51 (68)	60 (80)	15 (20)	21 (28)
	120 (4.72)	135 (5.31)	150 (5.91)	68 (2.68)	75 (2.95)
	15-23 (33100-50700)	20-29 (44100-63900)	27 - 40 (59500 - 88200)	4.0 - 8.5 (8800 - 18700)	6.0 - 10 (13200 - 22000)
	-	-	-	-	-
	119	121	118	127	125
	123	125	122	131	129

CHOOSE THE RIGHT TOOLS

Chisel Tool

The Chisel Tool is designed to tackle hard rock and reinforced concrete. The Chisel Tool is best suited for use in applications where the material allows a low or medium rate of penetration.



Moil Point Tool

Moil Point tools allow for optimum positioning in material which are loose or can be easily separated, eg. brick walls or loose rock in tunnels. Moil point tools are ideal for general demolition applications.



Blunt Tool

The Blunt tool is designed to deliver the full force of a breakers impact energy directly into the hard materials that it has been designed to tackle. The Standard Blunt is primary used for breaking boulders and reinforced concrete.



BRETEC TOOLS		COMPACT C2 Silenced	C3 Silenced	MEDIUM M5 Silenced	M7 Silenced	M15 Silenced	M17 Silenced	M17C Silenced	LARGE L20 Silenced	L20C Silenced	L30C Silenced
Chisel											
Diameter	mm (in)	46 (1.81)	53 (2.09)	68 (2.68)	75 (2.95)	100 (3.94)	120 (4.72)	120 (4.72)	135 (5.31)	135 (5.31)	150 (5.91)
Part number	No.	BA021	BA031	BA051	BA071	BA151	BA191	BV591	BA241	BV771	BV1101
Length	mm (in)	500 (19.69)	540 (21.26)	690 (27.17)	750 (29.53)	1055 (41.54)	1100 (43.31)	1000 (39.37)	1050 (41.34)	1110 (43.70)	1260 (49.6)
Weight	kg (lb)	6.1 (13.45)	8.6 (18.9)	18 (40)	23.5 (52.8)	59 (130)	91 (200)	80.6 (180)	108 (246)	112 (250)	158 (348)
Moil Point											
Diameter	mm (in)	46 (1.81)	53 (2.09)	68 (2.68)	75 (2.95)	100 (3.94)	120 (4.72)	120 (4.72)	135 (5.31)	135 (5.31)	150 (5.91)
Part number	No.	BA023	BA033	BA053	BA073	BA153	BA193	BV593	BA243	BV773	BV1103
Length	mm (in)	500 (19.69)	540 (21.26)	690 (27.17)	750 (29.53)	1055 (41.54)	1100 (43.31)	1000 (39.37)	1050 (41.34)	1110 (43.70)	1260 (49.6)
Weight	kg (lb)	6.1 (13.45)	8.2 (18.08)	17 (37.48)	22.5 (50.71)	56.4 (123.46)	86.5 (191.8)	78 (171.6)	102 (224.4)	109 (240)	154 (338.8)
Blunt											
Diameter	mm (in)	-	-	-	-	100 (3.94)	120 (4.72)	120 (4.72)	135 (5.31)	135 (5.31)	150 (5.91)
Part number	No.	-	-	-	-	BA154	BA194	BV594	BA244	BV774	BV1104
Length	mm (in)	-	-	-	-	1055 (41.54)	1100 (43.31)	900 (35.43)	1050 (43.14)	1010 (39.76)	1160 (45.7)
Weight	kg (lb)	-	-	-	-	61 (134.2)	95 (209)	78 (171.6)	114 (250)	110 (242)	156 (343.2)



BRETEC TOOLS		PIN-ON M5 Pin-On	M7 Pin-On
Chisel			
Diameter	mm (in)	68 (2.68)	75 (2.95)
Part number	No.	BA051	BA071
Length	mm (in)	690 (27.17)	750 (29.53)
Weight	kg (lb)	18 (40)	23.5 (52.8)
Moil Point			
Diameter	mm (in)	68 (2.68)	75 (2.95)
Part number	No.	BA053	BA073
Length	mm (in)	690 (27.17)	750 (29.53)
Weight	kg (lb)	17 (40)	22.5 (50.71)

BUILT TO BE EFFECTIVE

Trusted manufacturer
and quality control
process

1. Piston Accumulator

Nitrogen charged accumulator provides power in any application.

2. Vibration Dampening

Reduced vibration increases life of the breaker while minimizing stress on the carrier.

3. Large Piston

High impact energy increases breaking power and efficiency.

4. Large Tool

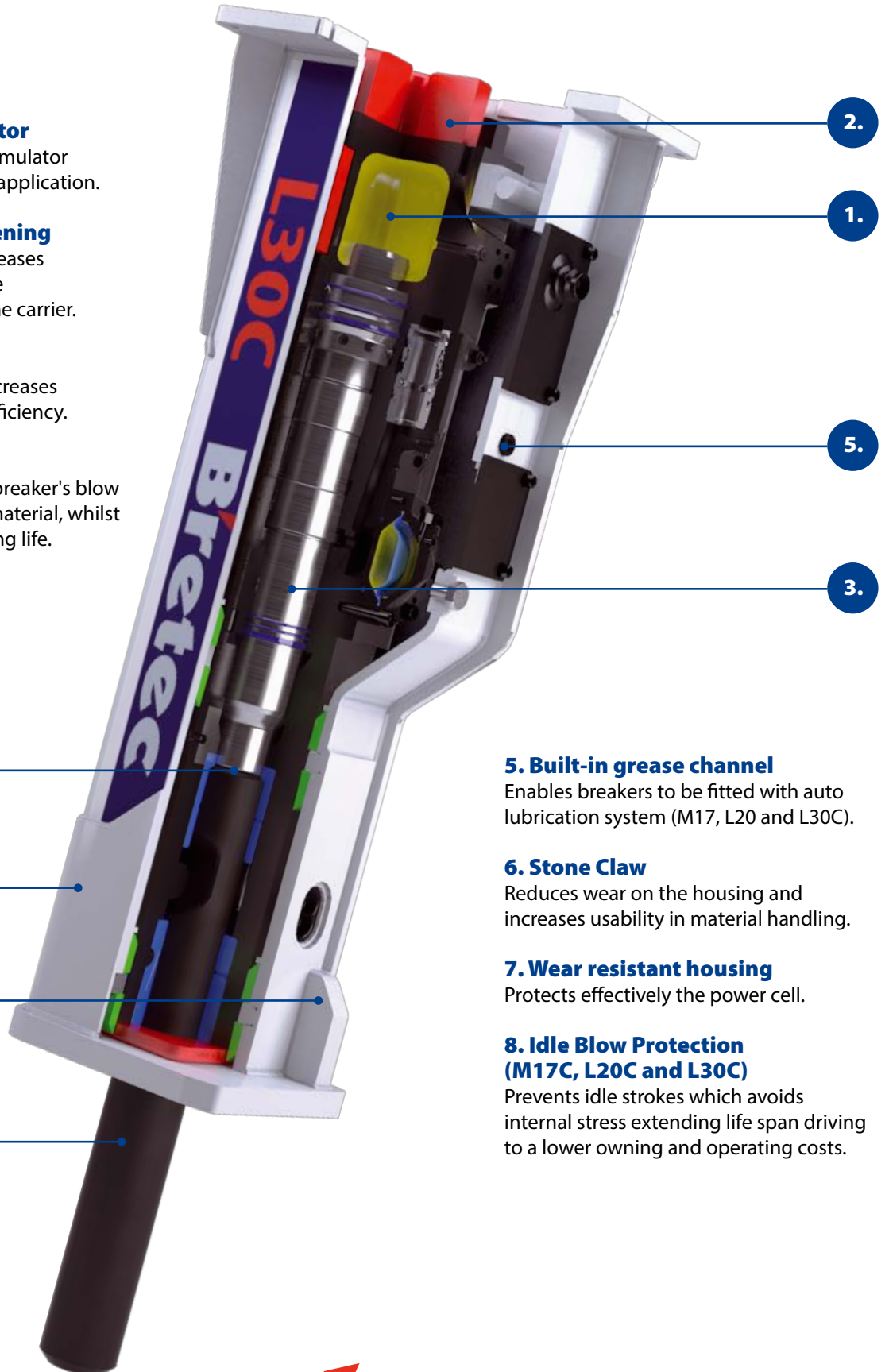
Massive tool transfers breaker's blow energy deep into the material, whilst extending tool's working life.

8.

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5. Built-in grease channel

Enables breakers to be fitted with auto lubrication system (M17, L20 and L30C).

6. Stone Claw

Reduces wear on the housing and increases usability in material handling.

7. Wear resistant housing

Protects effectively the power cell.

8. Idle Blow Protection (M17C, L20C and L30C)

Prevents idle strokes which avoids internal stress extending life span driving to a lower owning and operating costs.



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a worldwide dealer network.**

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