

# A breakthrough performance

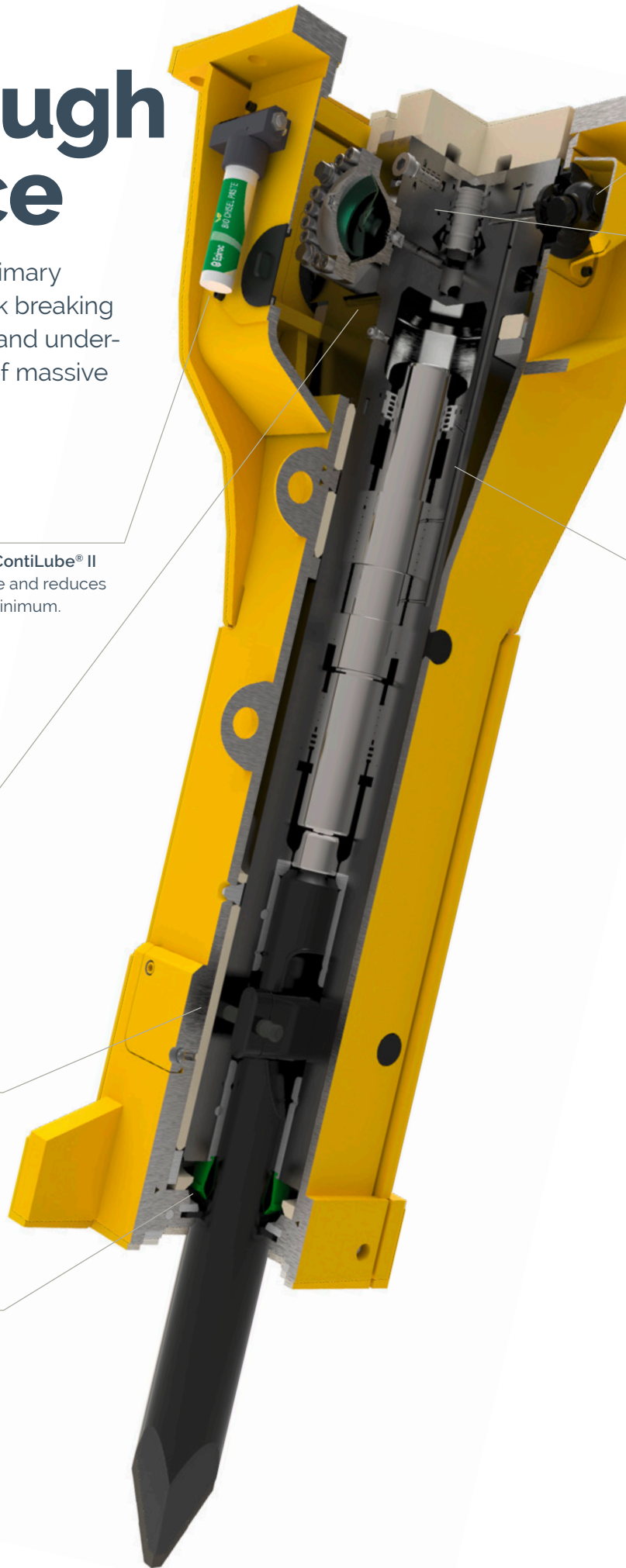
Our Heavy Breakers are highly adapted for primary blast-free rock excavation and secondary rock breaking on construction sites and in quarries, surface and underground mines as well as primary demolition of massive reinforced concrete structures.

The automatic lubrication system **ContiLube® II** optimizes the lubrication procedure and reduces maintenance and standstills to a minimum.

**Energy recovery** automatically utilizes the piston recoil energy to reduce vibration levels and improve performance.

The **VibroSilenced Plus** concept with non-metallic suspension of percussion mechanism in the fully-sealed box reduces noise and vibration levels.

The optional active two-stage sealing system **DustProtector II** extends the service life of components and lowers grease consumption.



The built-in pressure cut-off valve **PowerAdapt** prevents overloading.

The piston stroke length system **AutoControl** automatically adjusts the output balance during operation thus optimizing performance.

#### Short stroke mode in soft material

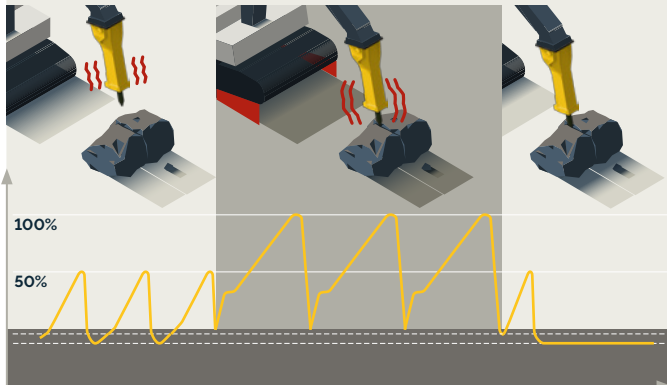
Impact energy  Normal impact energy  
Impact rate  Short impact rate

#### Long stroke mode in hard material

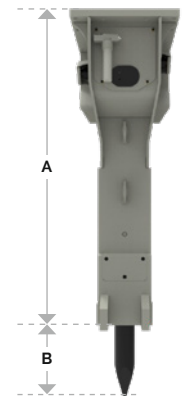
Impact energy  High impact energy  
Impact rate  Normal impact rate

The patented **Intelligent Protection System (IPS)** automatically adjusts the start-up & shutdown behaviour during operation combining easy positioning with maximum blank firing protection.

**IPS** combines the benefits of both AutoStart and Auto-Stop: easy positioning and blank firing protection.



The robust design and high durability make the Heavy Breakers suitable for the toughest jobs.



HB range		HB 2000	HB 2500	HB 3100	HB 3600	HB 4100	HB 4700	HB 5800	HB 7000	HB 10000
Carrier weight class <sup>1)</sup>	t	22–38	27–46	32–52	35–63	40–70	45–80	58–100	70–120	85–140
Service weight <sup>2)</sup>	kg	2,000	2,500	3,100	3,600	4,100	4,700	5,800	7,000	10,000
Tool diameter	mm	145	155	165	170	180	190	200	210	240
Max. hydraulic input power	kW	57	66	81	90	96	108	117	135	159
Oil flow rate	l/min	150–190	170–220	210–270	240–300	250–320	260–360	310–390	360–450	450–530
Operating pressure	bar	160–180	160–180	160–180	160–180	160–180	160–180	160–180	160–180	160–180
Impact rate	bpm	300–625	280–580	280–560	280–560	280–550	280–540	280–480	280–450	250–380
Sound power level guaranteed <sup>3)</sup>	dB(A)	120	121	120	123	124	126	121	121	123
<b>Standard version</b>										
A	mm	1,861	2,042	2,209	2,274	2,359	2,454	2,580	2,855	–
B	mm	635	640	675	700	750	790	815	835	–
<b>DustProtector II version</b>										
A	mm	1,926	2,087	2,254	2,318	2,404	2,509	2,635	2,905	3,142
B	mm	570	600	630	650	705	730	760	785	800

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Epiroc and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> Attachment with standard working tool & average-sized adapter plate.

<sup>3)</sup> EN ISO 3744 in accordance with directive 2000/14/EC