

# Hydraulic Breakers EC Range

Your durable and reliable choice for day-to-day jobs.



PART OF THE ATLAS COPCO GROUP







## EC 40 T – EC 80 T

### Hybrid technology

Integrated nitrogen piston accumulator for constantly high impact energy, safe start-up and smooth operation

### VibroSilenced Plus

Non-metallic suspension arrangements to isolate percussion mechanism from breaker box and sealing of all openings for lower noise and vibration levels

### Advanced control technology

The integrated control valve optimizes efficiency; the EnergyRecovery system increases operating efficiency and lowers vibrations

## EC 90 T – EC 135 T

## EC 140 T – EC 180 T

### Monoblock design

Combined cylinder & tool holder section eliminating the need for tie rods for higher reliability; replaceable piston liner for cost-effective repairs

### Percussion chamber ventilation

The built-in check valve reduces dust intake into the tool guiding area and the percussion chamber

### StrokeControl valve

The combined stroke length and start-up mode switching valve enables the operator to adjust the breaker operation mode to the application for optimum performance

### ContiLube™ II

Optional self-bleeding automatic lubrication device for optimized grease consumption and continuous lubrication

### Field replaceable bushing

Full length floating tool bushing for quick exchange with standard hand tools

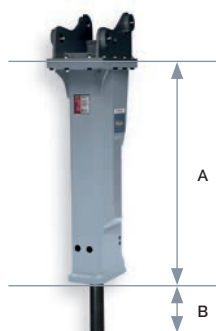
## Technical data

	Carrier weight class <sup>1</sup>	Service weight <sup>2</sup>	Tool diameter	Max. hydraulic input	Oil flow	Operating pressure	Impact rate (AutoStart mode)	Impact rate (AutoStop mode)	Sound power level <sup>3</sup>	A	B
	t	kg	mm	kW	L/min	bar	bpm	bpm	dB(A)	mm	mm
EC 40 T	1-3	95	42	8	15-35	110-130	560-1,600	-	109	703	255
EC 50 T	2-4.5	150	52	12	30-50	110-140	670-1,500	-	111	835	280
EC 60 T	3-6	215	62	14	35-60	110-140	520-1,300	-	113	904	320
EC 70 T	4-9	275	70	18	45-75	110-140	530-1,200	-	114	974	365
EC 80 T	5-12	370	80	23	60-90	120-150	530-1,000	-	115	1,097	430
EC 90 T	9-15	625	90	28	80-110	130-150	600-950	-	116	1,213	455
EC 100 T	12-19	800	100	34	100-120	150-170	-	650-850	118	1,462	520
EC 120 T	15-24	1,200	120	40	120-140	150-170	-	550-720	121	1,593	625
EC 135 T	17-28	1,500	135	45	140-160	150-170	-	520-680	122	1,700	640
EC 140 T	20-33	1,800	140	51	130-180	150-170	400-800	380-650	120	1,798	620
EC 150 T	25-40	2,200	150	57	150-200	150-170	450-800	380-620	120	1,933	635
EC 155 T	30-45	2,600	155	66	180-220	160-180	530-800	380-590	122	2,020	655
EC 165 T	35-55	3,000	165	81	220-270	160-180	540-800	380-580	123	2,196	690
EC 180 T	45-70	4,200	180	96	250-320	160-180	550-800	380-570	-	2,349	765

<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> Breaker and breaker box with standard adapter plus working tool.

<sup>3</sup> Sound power level guaranteed. Important: EN ISO 3744 in accordance with directive 2000/14/EC. Full details of measurement are available in the Safety and Operating instruction of the product. It can be found on [www.podshop.se/epiroc](http://www.podshop.se/epiroc)



## Features and benefits

	Hybrid technology	Vibro-Silenced Plus	Energy recovery system	Internal control valve	Monoblock design	Floating bushing	Single retainer pin	Double tool retainer bars	Percussion chamber ventilation	Stroke Control Valve	ContiLube II
EC 40 T	●	●	●	●	●	●	●				
EC 50 T	●	●	●	●	●	●	●				
EC 60 T	●	●	●	●	●	●	●				
EC 70 T	●	●	●	●	●	●	●				
EC 80 T	●	●	●	●	●	●	●				
EC 90 T	●	●	●	●	●	●		●	●		○
EC 100 T	●	●	●	●	●			●	●		○
EC 120 T	●	●	●	●	●			●	●		○
EC 135 T	●	●	●	●	●			●	●		○
EC 140 T	●	●	●	●				●	●	●	○
EC 150 T	●	●	●	●				●	●	●	○
EC 155 T	●	●	●	●				●	●	●	○
EC 165 T	●	●	●	●				●	●	●	○
EC 180 T	●	●	●	●				●	●	●	○

● - Standard

○ - Optional



**Western Australia:**

☎ +61 8 9248 9800  
📠 +61 8 9209 3697

33-37 Denninup Way  
Malaga, Perth  
WA 6090

**Queensland & NT:**

☎ +61 7 3635 7333  
📠 +61 7 3635 7355

76 Dulacca Street  
Acacia Ridge, Brisbane  
QLD 4110

**WWW.BAEG.COM.AU**

**sales@baeg.com.au**

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