

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

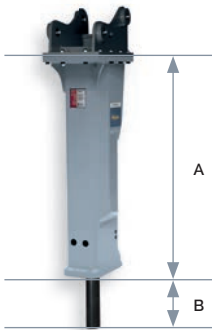
Technical data

	Carrier weight class ¹	Service weight ²	Tool diameter	Max. hydraulic input	Oil flow	Operating pressure	Impact rate (AutoStart mode)	Impact rate (AutoStop mode)	Sound power level ³	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

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

² Breaker and breaker box with standard adapter plus working tool.

³ 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



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

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