

Hydraulic Breakers EC Range

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





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

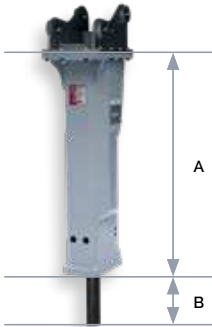
Technical data

	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
	lbs	lbs	in	hp	gpm	psi	bpm	bpm	dB(A)	in	in
EC 40 T	2,000-6,500	210	1.65	10	4-9	1,595-1,885	560-1,600	-	109	277	10.0
EC 50 T	4,500-10,000	330	2.05	16	8-13	1,595-2,030	670-1,500	-	111	32.9	11.0
EC 60 T	6,500-13,000	470	2.44	19	9-16	1,595-2,030	520-1,300	-	113	35.6	12.6
EC 70 T	9,000-20,000	610	2.76	23	12-20	1,595-2,030	530-1,200	-	114	38.3	14.4
EC 80 T	11,000-26,500	820	3.15	30	16-24	1,740-2,175	530-1,000	-	115	43.2	16.9
EC 90 T	20,000-33,000	1,400	3.54	37	21-29	1,885-2,175	600-950	-	116	47.8	17.9
EC 100 T	26,500-42,000	1,750	3.94	46	26-32	2,175-2,465	-	650-850	118	57.6	20.5
EC 120 T	33,000-53,000	2,650	4.72	53	32-37	2,175-2,465	-	550-720	121	62.7	24.6
EC 135 T	37,500-61,500	3,300	5.31	61	37-42	2,175-2,465	-	520-680	122	66.9	25.2
EC 140 T	44,000-73,000	3,950	5.51	68	34-48	2,175-2,465	400-800	380-650	120	70.8	24.4
EC 150 T	55,000-88,000	4,900	5.91	76	40-53	2,175-2,465	450-800	380-620	120	76.1	25.0
EC 155 T	66,000-99,000	5,700	6.10	89	48-58	2,320-2,610	530-800	380-590	122	79.5	25.8
EC 165 T	77,000-121,000	6,600	6.50	109	58-71	2,320-2,610	540-800	380-580	123	86.5	27.2
EC 180 T	99,000-154,000	9,250	7.09	129	66-85	2,320-2,610	550-800	380-570	-	92.5	30.1

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

United in performance. Inspired by innovation.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.
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