

XPline

Hydraulic breakers

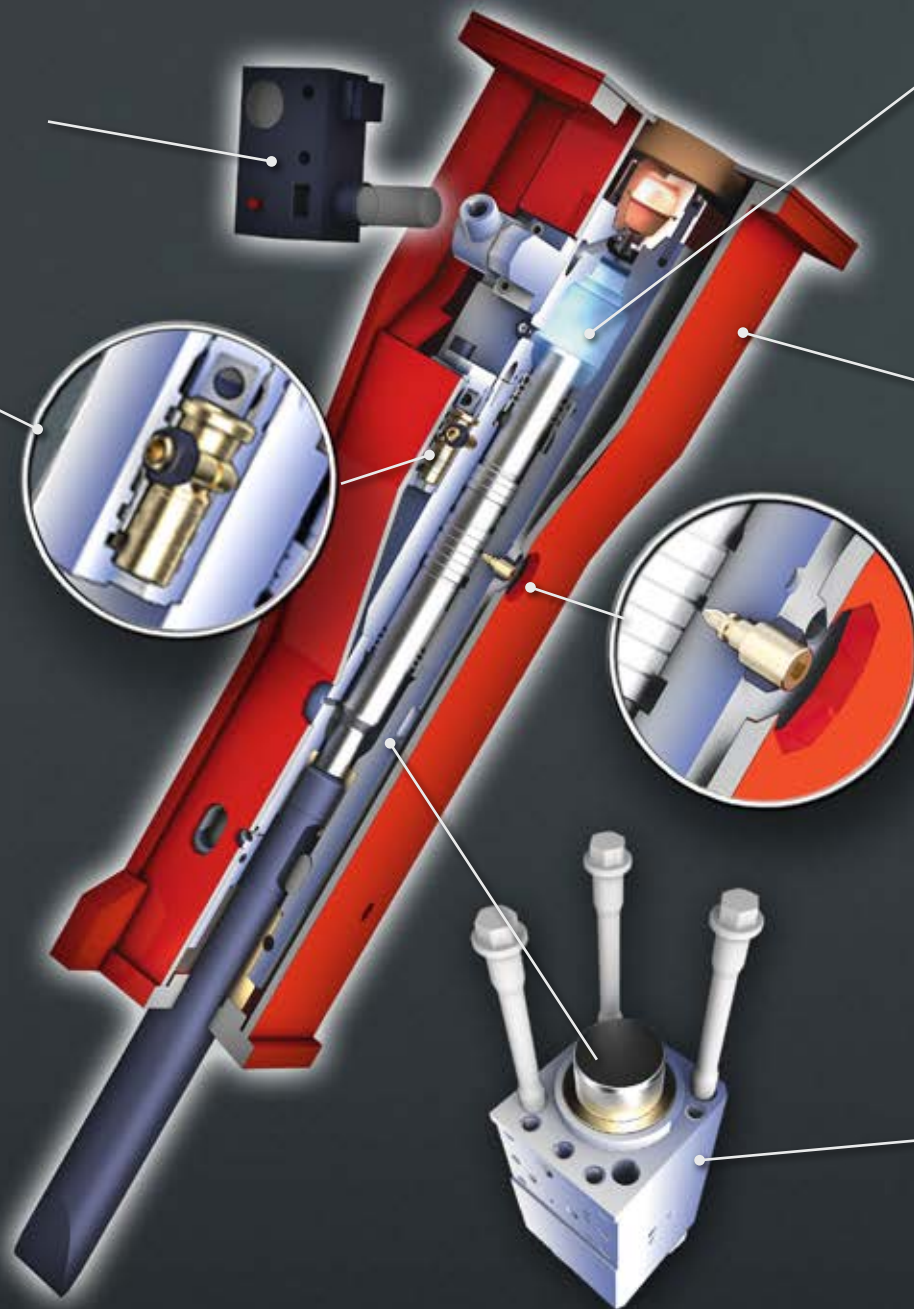
▶ Auto-greasing system (optional) increases productivity, avoids stopping for manual greasing. Quantity of grease supplied can be easily adjusted according to job conditions in order to always deliver the optimal lubrication.

▶ Working pressure adjustment valve

▶ Only two moving parts: piston and distributor valve. Reliability and performance at top level!

▶ Blank firing prevention system: the hammer only starts if pushed on the ground and stops once the rock is broken, avoiding damages to tools, retainers and chuck housing.

▶ No residual blows: the hammer immediately stops firing when oil flow is stopped.



▶ Low-pressure nitrogen chamber over the head of the piston absorbs excessive vibrations returning energy to the percussion.

▶ Silenced casings with internal top, bottom and side shock absorbers completely insulating the power unit. Low noise and vibration level!

▶ Frequency/energy adjustment valve allows regulating the energy of the stroke according to hardness of the rock. The operator can easily set up the hammer to have the appropriate production/speed of work.

▶ Square-section cylinder with fully encased tie-rods: high resistance to stress with extended tie-rods life and reduction of the risk of piston seizures in the case of tie-rod breakage.

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Light range



Technical specifications		XP 551	XP 400	XP 300	XP 250	XP 150	XP 101	XP 70
Working weight	Kg	550	430	300	240	160	100	65
	lbs	1210	814	660	528	352	220	143
Working weight PB version	Kg	-	-	295	220	130	90	60
	lbs	-	-	649	484	286	198	132
Carrier's weight (min/max)	ton	6 / 12	5,5 / 10	4,0 / 9,0	3,0 / 5,2	1,8 / 4	1,0 / 2,5	0,8 / 1,8
	lbs	13,200 / 26,400	12,100 / 22,000	8,800 / 19,800	6,600 / 11,440	3,960 / 8,800	2,200 / 5,500	1,760 / 3,960
Total height	mm	1900	1620	1450	1350	1260	1098	870
	in	75	64	57	53	50	43	34.3
Tool diameter	mm	87	80	80	64	56	42	40
	in	3.42	3.15	3.15	2.52	2.20	1.65	1.6
Useful length of standard tool	mm	480	420	420	280	280	260	240
	in	19	17	17	11	11	10	9
Oil flow (min/max)	l/min	70 / 100	60 / 90	50 / 75	30 / 45	15 / 35	15 / 25	8 / 16
	gpm	18 / 26	15.9 / 23.8	13.2 / 19.8	7.9 / 11.9	4.0 / 9.3	4.0 / 6.6	2.1 / 4.2
Working pressure (min/max)	bar	120 / 150	110 / 140	110 / 130	110 / 130	100 / 120	110 / 130	100 / 110
	psi	1740 / 2180	1595 / 2030	1595 / 1885	1595 / 1885	1450 / 1740	1650 / 1950	1450 / 1595
Blows per minute (min/max)	1/min	530 / 750	540 / 860	480 / 900	700 / 1250	600 / 1380	560 / 1700	870 / 1450
Impact energy	joule	1550	1020	870	425	290	200	130
	ftxlbs	1700	753	642	313	213	150	96
Max Back Pressure	bar	25	25	25	25	25	25	25
	psi	363	363	363	363	363	363	363



PB versions feature two-sided casings with direct fit on the stick trough pins & bushings