



XP700

Auto-greasing system increases productivity and 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

 Just two moving parts: piston and spooling valve. Reliability and performance at top level!
Blank firing prevention system: the hammer only starts if it is 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 Silenced casings with internal top, bottom and side shock absorbers completely insulating the power unit. Low noise and vibration level!

Working pressure adjustment valve.



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

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

Square-section cylinder with 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

PromoveLub HI-performance grea

PROMOVE

Specific lubricant to protect your Promove hammer in the most severe conditions

VOLUD

- ► Highly adhesive lubricant, based on special synthetic oil, thickened with complex aluminum soap. Contains synthetic polymers with high molecular weight and solid lubricants to ensure exceptional antiseizure and EP features
- PromoveLube has high thermal stability, long service life and total protection from rust and corrosion, even in the presence of water jets or immersion
- Consistency is carefully balanced to guarantee prompt lubrication in cold-starts and harsh climates as well as total protection at high temperatures
- Synthetic base, specifically selected to enhance the oiliness, the affinity for metal surfaces and strength of the lubricant film even in the most hostile conditions
- Physical specifications have been specifically designed to perfectly match the Promove greasing systems (excavator mounted electric pump or hammer-mounted hydraulic pump)

PromoveLube©



600 cc 400 cc 180 kg 18 kg

General guidelines in choosing your breaker

Sector	Application	XP400	XP551	XP800	XP1000	XP1200	XP1500	XP1700	XP2000	XP2400	XP3100	XP4500	XP7000
Construction	Road construction	•	•	•	٠	•	•	•	•	•	•	•	•
	Landscaping work	•	٠	٠									
	Trenchwork/foundations	٠	٠	•	٠	•	•		•	٠	•	•	
	Tearing up concrete/asphalt	٠	٠	•	٠	٠	٠	•	•	٠	•	•	
Demolition	Reinforced concrete	٠	٠	٠	٠	•	•	٠	•	٠		•	•
	Heavily reinforced concrete. Bridges, power stations & similar structures							٠	٠	٠		•	
	Masonry and non reinforced concrete		٠	•	٠	٠	٠	٠	•	٠	•	•	•
Quarrving	Primary breaking							٠	٠	٠		•	•
	Secondary breaking/trenching. Fondation work/Bench levelling	•	٠	•	٠	٠	٠	•	•	•	•	•	
Tunnelina	Tunnel driving						٠	٠	•	٠		•	•
·•	Bench levelling			•	٠				•	•	•	•	
	Roof clearing			•	٠	•	٠	•	٠	٠	•	•	•
High temperature work	Breaking out ladles and moulds	٠	٠	٠	٠	٠	٠	٠	•	٠		•	
	Removing encrustations	•	٠	•	٠	•		•	•				
	Breaking up slag						٠	٠	•	•	•	•	•
Underwater applications	Demolition. Opening of channels			•	•	•	•	•	•	•	•	•	•

The right hammer/excavator matching is driven by some factors like carrier's weight and hydraulic flow, boom and stick configuration, main use of the equipment.

Eventual limits indicated by carrier's manufacturer are always binding.

On bigger excavator (heavier than 13 tons) it is generally possible to choose between two models. Matching the heaviest possible hammer from the specification chart will maximize productivity of the excavator-hammer-operator combination.

- It is recommended in the following cases:
- Breaking on medium-hard rock
- Heavy and long-lasting applications
- On excavators with a monolithic boom
- Primary breaking in quarrying
- ▶ in case of frequent use.

Matching a lighter model is possible:

- ► If breaking concrete or soft rock
- ► For non-heavy applications
- On excavators with three-piece arm

For secondary breaking in quarrying (reducing oversizes)

In case of occasional use

Promove team of experts is always available to advise on best matching.



Productivity (m³ in 8 hours)

1 30	A CARLON		No.	1
	R. Car		+- 4	Ant a Mart
	Material	Hard Rock, Compact Basalt, Limestone	Medium-hard rock, Slate, Non-omoge- neus granite	Concrete non reinfoced, Stratified limestone,Tuff
	Compression strength	1500 Kg. /cm²	1000 Kg. /cm²	500 Kg. /cm²
No. of the local distribution of the local d	XP800	90-260	130-390	180-500
2	XP1000	100-290	140-370	210-510
	XP1200	110-300	150-380	220-520
	XP1500	150-360	190-480	250-700
11. A	XP1700	150-410	200-550	300-850
- 6 L-	XP2000	190-530	240-800	380-1100
100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	XP2400	200-550	250-850	400-1200
Calle .	XP3100	250-750	300-1000	500-1500
a state	XP4500	300-900	400-1250	650-1800
No.	XP7000	400-1200	550-1450	800-2200

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Hydraulic breakers

Medium-heavy range

P7000

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EXTREME POWER

Technical features		XP 7000	XP 4500	XP 3100	XP 2400	XP 2000	XP 1700	XP 1500	XP 1200	XP 1000	XP 800
Working weight	Kg	6900	4380	3090	2350	1950	1700	1450	1200	1000	750
Carrier's weight (min/max)	ton	70 / 130	45 / 70	30 / 48	24 / 35	22 / 29	19 / 28	16/25	14 / 20	12 / 18	9 / 15
Total height	mm	4200	3800	3500	3200	3000	2700	2600	2500	2300	2250
Tool diameter	mm	210	180	160	150	145	135	130	120	110	100
Useful length of standard tool	mm	800	700	690	685	675	670	570	550	550	520
Oil flow (min/max)	l/min	340 / 400	275 / 345	190 / 240	145 / 195	150 / 190	140 / 170	130 / 170	100 / 130	90 / 120	85 / 110
Working pressure (min/max)	bar	170 / 180	170 / 180	170 / 180	170 / 180	170 / 180	160 / 170	160 / 170	160 / 170	160 / 170	160 / 170
Blows per minute	1/min	280 / 580	290 / 580	290 / 590	340 / 600	350 / 650	360 / 830	300 / 800	350 / 800	450 / 820	500 / 890
Impact energy	joule	18700	15250	7600	6100	6000	4600	4200	3000	2800	2100
Max Back Pressure	bar	25	25	25	25	25	25	25	25	25	25

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Hydraulic breakers

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Light range

Tec	hnical	features

		Ϊ×	×	×	×	×	×	
Working weight	Kg	550	430	300	240	160	100	65
Working weight PB version	Kg	-	-	295	220	130	110	60
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
Total height	mm	1900	1620	1450	1350	1260	1098	870
Tool diameter	mm	87	80	80	64	56	42	40
Useful length of standard tool	mm	480	390	380	370	280	270	250
Oil flow (min/max)	l/min	70 / 100	60 / 90	50 / 75	30 / 45	15 / 35	15 / 25	8/16
Working pressure (min/max)	bar	120 / 150	110/140	110/140	110/130	100 / 120	110/130	100/110
Blows per minute	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
Max Back Pressure	bar	25	25	25	25	25	25	25

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PB versions feature twosided casings with direct fit on the stick through pins & bushings

ELISIE

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KP1500

PROMOVE DEMOLITION EQUIPMENT



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Promove constantly invests in research and development to improve quality and performance of its products. Therefore, technical specifications may be changed at any time without notice.





