



İkitelli OSB Mh. Esenler San. Sit. 17. Blok No: 7 Başakşehir İSTANBUL
+90.212 549 93 39
info@olimpa.com.tr



Bizi Sosyal Medya Hesaplarımızdan Takip Edin



OLP SERIES HYDRAULIC BREAKERS

www.olimpa.com.tr

OLIMPA 'ESTABLISHING

The Olympos Mountain, which is the symbol of the Mediterranean, suddenly rises from the shore of the Mediterranean and reaches the viewing peak of a unique beauty. The green of nature rises to blue with the. Mount Olympus and merges wisth the Mediterranean, the sybol of the turquoise blended with blue and green. The dark blue of the night also opens up a door to peace that opening from the summit to eternity.

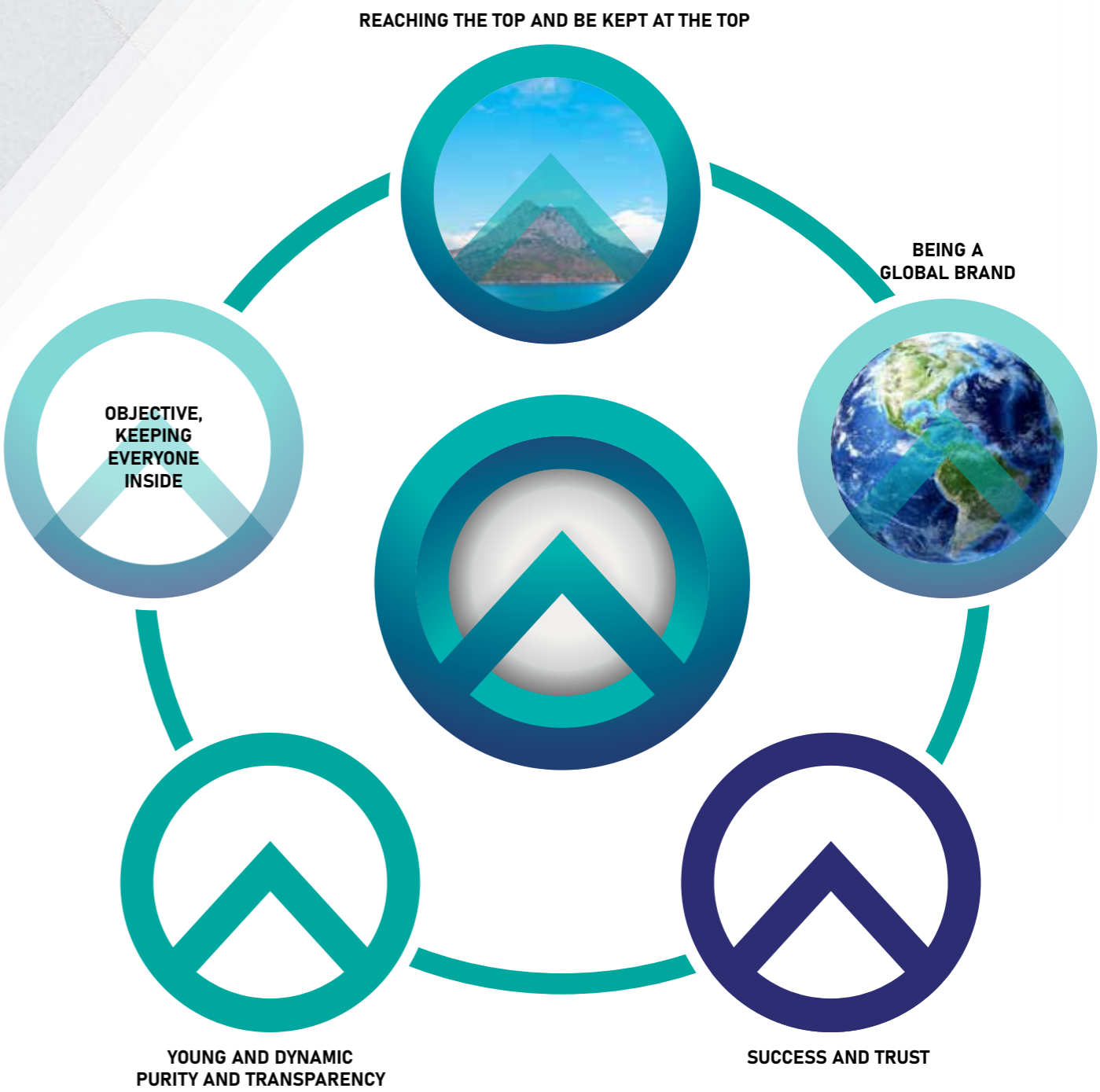
Turquoise color has purity in emotion and thought, being open to communication, youth and dynamism, self-confident, calm and relaxing meaning. Navy blue color is the sky color when the sky blue color of the day turns into night. It is considered a cosmic color. It syblolizes infinity, authority and efficeency. In addition, it creates a sense of success, greatest and trust in People.

The portrait of purity, calmness, peace, eternity, naturalness and a sense of trust constitute our company's mission, logo and name.



Olimpa company was established in 2019 as an engineering company with engineers specializing in hydraulic breakers. Olimpa got experience in hydraulic breaker in the field, production and engineerring for many years and started to produce hydraulic breaker with his engineer staff who can offer innovations to meet the demands of our customers.

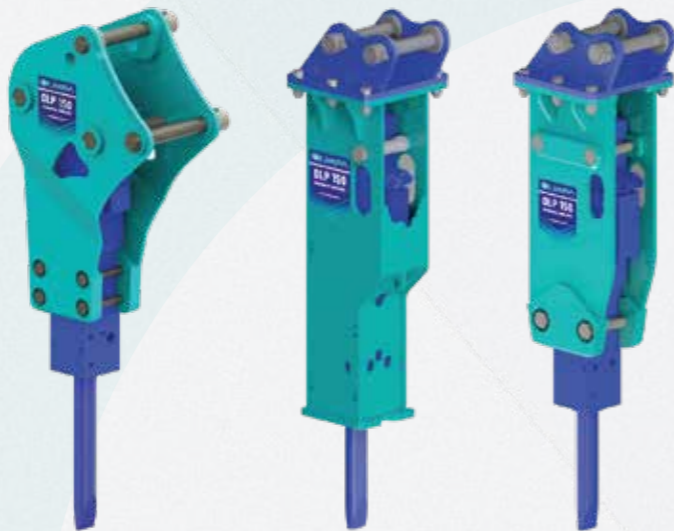
OLIMPA 'OUR MISSION



OLP SERIES

SMALL SIZE GAS TYPE BREAKERS

70% of the impact energy is created by the pressure effect powered by the compression of nitrogen gas at the top of the piston by the piston reaching the upper position. For this reason, they are defined as «Gas Type Breakers». Small size gas breakers have been developed for skid-steer-loaders and mini-excavators with higher return pressure. It can work at high return pressure in mini excavators weighing 1 ton to 5 ton. In addition, it can be mounted with side connection type housing, suitable for backhoe loaders between 5 and 10 tons. It offers optimum power and performance with low investment costs.



TECHNICAL INFORMATION			OLP 90	OLP 110	OLP 150	OLP 210	OLP 300	OLP 400
WORKING WEIGHT	SIDE CONNECTION	kg		100	120	200	300	430
		lb		220	264	440	660	946
	TOP CONNECTION	kg		110	130	195	310	420
		lb		242	286	429	682	924
	BOX TYPE	kg	80	120	165	215	340	460
		lb	176	264	363	473	748	1.012
CARRIER WEIGHT	Skid Steer Loader	Ton	0.7~1.2	1.2~1.8	1.4~2.4	2~3.5	2.5~4.2	4.8~7.5
		1000*Lb	1.54~2.64	2.64~3.96	3.1~5.28	4.4~7.7	5.5~9.24	10.56~16.5
	MINI EXCAVATOR BCKHOE LOADER	Ton	1~1.5	1.4~2.2	1.8~3.2	2.5~5.5	4.5~7	6~10
		1000*Lb	2.2~3.3	3.08~4.84	3.96~7.04	5.5~12.1	9.9~15.4	13.2~22
IMPACT ENERGY		joule	120	200	230	450	840	980
		ft.lb	87	145	170	330	620	723
IMPACT FREQUENCY		BPM	780~1.440	1.140~1.365	600~1.150	600~1.140	390~1.000	450~1.000
MIN. & MAX. OIL SUPPLY		LPM	15~30	20~35	20~35	30~60	30~65	45~100
		GPM	4~7.9	5.3~9.2	5.3~9.2	7.9~15.9	7.9~17.1	11.9~26.4
OPERATING PRESSURE		bar	120	120	120	120	120	120
		psi	1.740	1.740	1.740	1.740	1.740	1.740
RELIEF PRESSURE		bar	170~180	170~180	170~180	170~180	170~180	170~180
		psi	2.465~2.610	2.465~2.610	2.465~2.610	2.465~2.610	2.465~2.610	2.465~2.610
BACK PRESSURE (Max.)		bar	20	20	20	20	20	20
		psi	290	290	290	290	290	290
TOOL DIAMETER		mm Ø	38	45	50	68	70	80
		in Ø	1,49	1,77	1,97	2,68	2,76	3,15

(WORKING WEIGHT: Includes avarage mounting bracket, standard tool and hose weights.)

OLP SERIES

SMALL SIZE HYDRAULIC TYPE BREAKERS

The whole impact energy is provided by hydraulic pressure. It has a high volume hydraulic accumulator to provide uninterrupted power and performance. For this reason, they are defined as “Hydraulic Type Breaker”. Small size hydraulic type breakers are suitable for backhoe loaders and mini excavators over 5 tons. Compared to gas type breakers, it offers high efficiency with its high power and performance, less maintenance feature.



TECHNICAL INFORMATION			OLP 250	OLP 350	OLP 360	OLP 450
WORKING WEIGHT	SIDE CONNECTION	kg	320	385	380	480
		lb	704	847	836	1.056
	TOP CONNECTION	kg	300	-	390	470
		lb	660	-	858	1.034
	BOX TYPE	kg	310	-	400	490
		lb	682	-	880	1.078
CARRIER WEIGHT	Skid Steer Loader	Ton	2.5~4.2		3.8~5.5	4.8~7.5
		1000*Lb	5.5~9.24		8.36~12.1	10.56~16.5
	MINI EXCAVATOR BCKHOE LOADER	Ton	4.5~7	6~9	6~9	8~11
		1000*Lb	9.9~15.4	13.2~19.8	13.2~19.8	17.6~24.2
IMPACT ENERGY		joule	470	900	900	1060
		ft.lb	347	665	665	780
IMPACT FREQUENCY		BPM	500~950	520~1.000	520~1.000	500~900
MIN. & MAX. OIL SUPPLY		LPM	30~60	50~100	50~100	50~100
		GPM	7.9~15.9	13.2~26.4	13.2~26.4	13.2~26.4
OPERATING PRESSURE		bar	120	120	120	120
		psi	1.740	1.740	1.740	1.740
RELIEF PRESSURE		bar	170~180	170~180	170~180	170~180
		psi	2.465~2.610	2.465~2.610	2.465~2.610	2.465~2.610
BACK PRESSURE (Max.)		bar	7	7	5	5
		psi	100	100	100	100
TOOL DIAMETER		mm Ø	70	75	75	85
		in Ø	2,76	2,95	2,95	3,35

(WORKING WEIGHT: Includes avarage mounting bracket, standard tool and hose weights.)

ACCUMULATOR

Hydraulic peak pressures dampen during breaker operation. It also provides additional oil flow for uninterrupted and high power operation of the hammer.



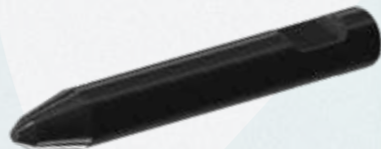
PISTON

It converts hydraulic energy into kinetic energy. With the effect of hydraulic pressure, it moves down quickly and blows the tool. Thus, it transfers kinetic energy to the tool. According to the model, it generates a striking energy on the tool by making 350 to 1500 strikes in a minute. It is the part that reveals the real power of the breaker.



TOOL

It provides the braking of the rock by transferring the energy it transfers by vibrating the piston to the rock ground.



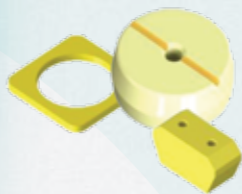
RETAINER

After breaking the rock by tool, it absorbs the residual energy on the tool. With its flat form, it prevents the tool from turning and jamming around the axis even if wear occurs.



DAMPING BUFFERS

The buffers used at the top, side and bottom of the inner body of the breaker reduce the effect transferred to the excavator by absorbing the vibrations became in the inner body of the breaker.



TIE ROD

It is the fastener that holds all the parts of the inner body of the hammer together. It is produced from the highest quality material and it has long life against breakage thanks to its flexible structure. In addition, the rubber covering that reduces vibrations to the thread area can be replaced with a new one when it ages.



WEAR RESISTANCE HIGH POWERFULL HOUSING

The outer body, consisting of a one-piece side surface sheet construction, minimizes the tension to the welds. In addition, the bottom and front hardox plates increase wear resistance.



OLP SERIES

MIDDLE SIZE HYDRAULIC BREAKERS

OLP Series Medium size hydraulic breakers are used in construction machines in the range of 7 to 30 tons. Medium Size OLP Breakers are used in infrastructure and excavation works such as trenching, road construction, building foundations; demolition of reinforced concrete structures such as old buildings and bridges; It is used in tunnel constructions and underwater applications at the harbor and sea coasts. It offers economic and high efficiency by combining high power and performance with low maintenance costs.



TECHNICAL INFORMATION		OLP 650	OLP 950	OLP 1250	OLP 1550	OLP 1750
WORKING WEIGHT	kg	770	920	1.335	1.650	1.850
	lb	1.694	2.024	2.937	3.630	4.070
CARRIER WEIGHT	ton	8~14	10~16	16~20	18~26	22~29
	1000 lb	17.6~30.8	22~35.2	35.2~44	39.6~57.2	48.4~63.8
IMPACT ENERGY	joule	1.450	1.760	1.880	2.800	3.300
	ft.lb	1.070	1.298	1.385	2.063	2.431
IMPACT FREQUENCY	BPM	350~700	400~700	390~700	360~650	350~550
	LPM	60~120	70~130	70~130	100~180	120~180
MIN. & MAX. OIL SUPPLY	GPM	15.8~31.7	18.5~34.4	18.5~34.4	26.4~47.6	31.7~46.6
	bar	125	125	135	135	135
OPERATING PRESSURE	psi	1.815	1.815	2.000	2.000	2.000
	bar	185~195	185~195	195~205	195~205	195~205
RELIEF PRESSURE	psi	2.680~2.830	2.680~2.830	2.830~2.970	2.830~2.970	2.830~2.970
	bar	10	10	10	10	10
BACK PRESSURE	psi	145	145	145	145	145
	mm Ø	95	100	115	125	135
TOOL DIAMETER	in Ø	3,74	3,93	4,52	4,92	5,31

(WORKING WEIGHT: Includes avarage mounting bracket, standard tool and hose weights.)

OLP SERIES

LARGE SIZE HYDRAULIC BREAKERS

OLP Series Large Hydraulic Breakers are used in construction machines in the range of 26 to 55 tons. Large Series OLP Breakers are used in works such as excavation, tunnel construction, demolition and underwater applications, as a primary breaking operation in all kinds of mines and quarries, direct breaking or breaking of large rocks after blasting. With its superior design and high power, it provides high performance and efficiency with its breaking volume produced per unit time. It provides economy and performance together for its low maintenance and low maintenance costs, low fuel consumption effect.



TECHNICAL INFORMATION		OLP 2150	OLP 2550	OLP 2850	OLP 3650	OLP 5050
WORKING WEIGHT	kg	2.320	2.655	2.950	3.850	5.100
	lb	5.104	5.841	6.490	8.470	11.220
CARRIER WEIGHT	ton	26~32	29~40	32~45	40~48	45~55
	1000 lb	57.2~70.4	63.8~88	70.4~99	88~105.6	99~121
IMPACT ENERGY	joule	4.500	5.610	6.000	8.000	9.800
	ft.lb	3.320	4.138	4.427	5.902	7.230
IMPACT FREQUENCY	BPM	350~550	330~525	320~520	320~510	300~420
	LPM	160~220	170~250	170~270	180~280	220~300
MIN. & MAX. OIL SUPPLY	GPM	42.3~58.1	44.9~66.0	44.9~71.3	47.5~73.9	58.1~79.2
	bar	140	140	140	140	140
OPERATING PRESSURE	psi	2.035	2.035	2.035	2.035	2.035
	bar	200~210	200~210	200~210	200~210	200~210
RELIEF PRESSURE	psi	2.900~3.045	2.900~3.045	2.900~3.045	2.900~3.045	2.900~3.045
	bar	10	10	10	10	10
BACK PRESSURE	psi	145	145	145	145	145
	mm Ø	145	150	160	175	190
TOOL DIAMETER	in Ø	5,7	5,9	6,3	6,89	7,48

(WORKING WEIGHT: Includes average mounting bracket, standard tool and hose weights.)