

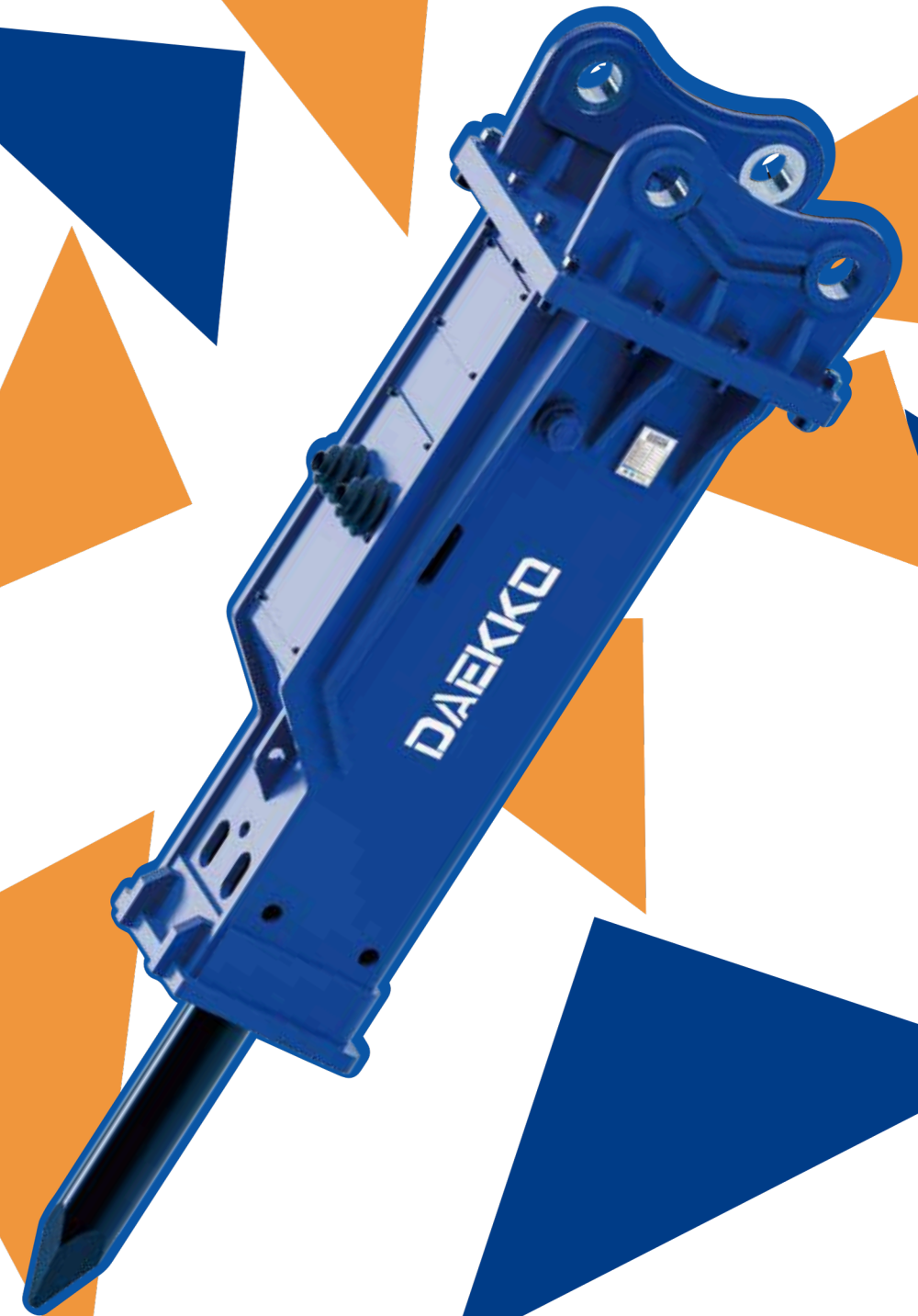
Achieve Customers With Quality And Service



DAEKKO

DAEKKO Hydraulic Breaker Series

Hydraulic Breaker Catalogue



Small Hydraulic Breaker
(DKO 45--DKO 125)



Medium Hydraulic Breaker
(DKO 135--DKO 185)

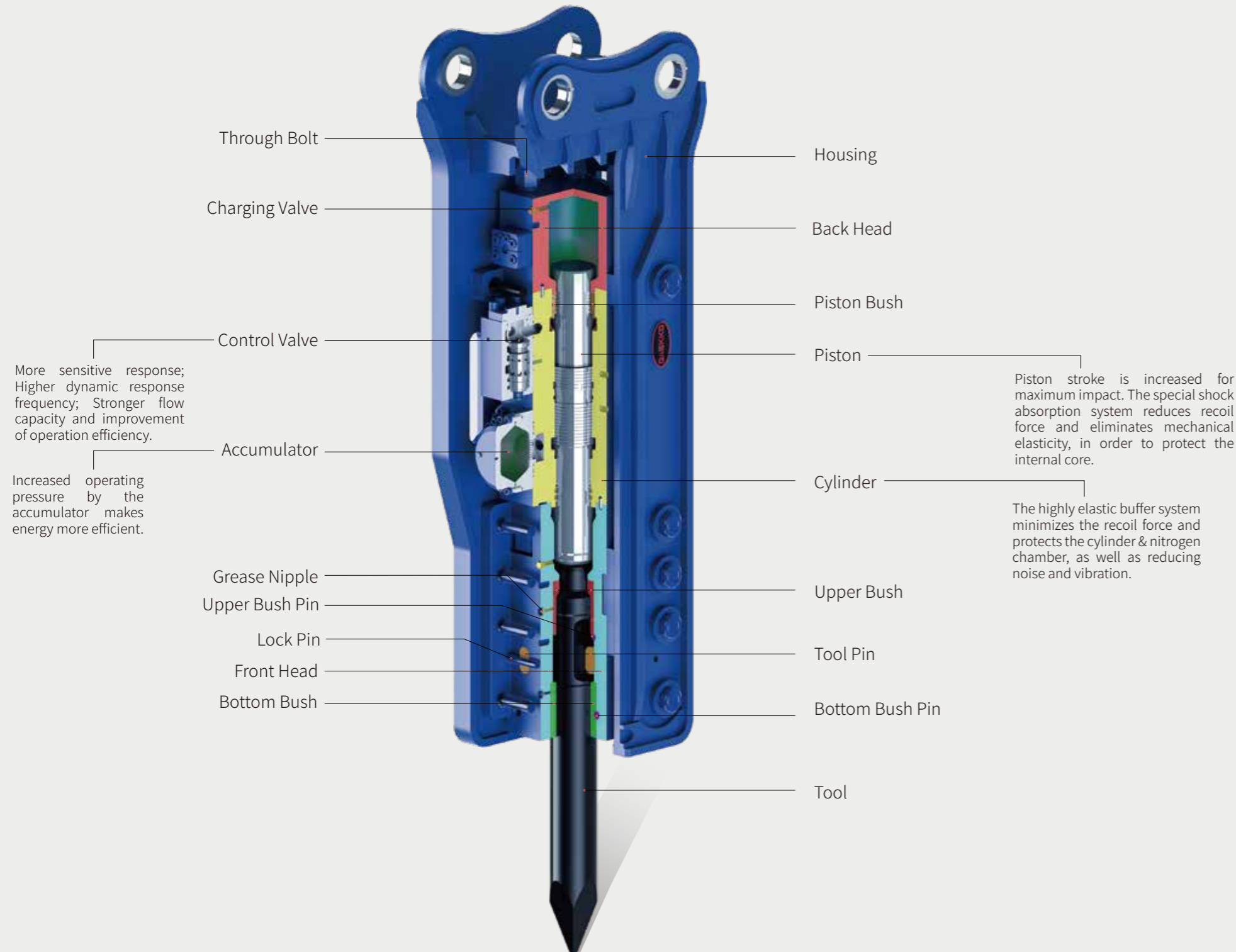


Large Hydraulic Breaker
(DKO 190--DKO 300)

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HYDRAULIC BREAKER TECHNICAL CHARACTERISTICS

The DAEKKO hydraulic breaker series are with professional appearance design and strengthened welding process.



<p>THROUGH BOLT</p> <p>The thickened design improves the comprehensive mechanical performance, as well as enhances the service life of the bolt itself and other components, such as cylinder and piston.</p>	<p>CONTROL VALVE</p> <p>1) More sensitive response; 2) Higher dynamic response frequency; 3) Stronger flow capacity and improvement of operation efficiency.</p>	<p>ACCUMULATOR</p> <p>(1) Large capacity design; (2) Slow down the hydraulic shock and better protect the hydraulic components; (3) Provide constant performance and enhance impact power.</p>
<p>CYLINDER</p> <p>(1) Independent research and development, optimize the oil circuit; (2) Standardized, better stability and stronger impact power.</p>	<p>PISTON</p> <p>(1) Industry leading materials; (2) Long heat treatment; (3) Excellent performance in strength, toughness, heat resistance, impact resistance, wear resistance and durability.</p>	<p>FRONT HEAD</p> <p>The structure is optimized, with excellent strength, toughness and durability.</p>
<p>HOUSING</p> <p>1) Reinforced materials are used to provide additional wear resistance; (2) The overall tempering process can withstand the most demanding on-site operation environment and working conditions.</p>	<p>SEAL</p> <p>World famous brands are adopted.</p>	<p>TOOL</p> <p>Sectional heat treatment process make the tool solid and durable.</p>

Small Hydraulic Breaker Specification



Side Type



Top Type



Box Type

Model Number			DKO-45	DKO-53	DKO-68	DKO-75	DKO-85	DKO-100	DKO-120G	
Weight	Side	kg	100	158	270	378	600	790	910	
	Top	kg	120	172	315	424	637	858	1105	
	Box	kg	140	180	345	450	680	1030	1280	
Dimensions	L*W*H	Side	mm	1090*265*435	1178*285*500	1393*350*703	1670*380*815	1735*443*910	1885*450*922	2236*516*1083
		Top	mm	1235*226*200	1307*260*300	1651*350*430	1920*394*490	2074*458*570	2220*490*564	2514*520*592
		Box	mm	1331*226*200	1417*260*300	1637*350*430	1917*394*490	2140*458*570	2354*490*564	2552*520*592
Oil Flow Rate		L/min	20-40	25-50	40-70	50-90	60-100	80-110	90-130	
Operating Pressure		bar	90-120	90-120	110-140	120-150	130-160	150-170	160-180	
Impact Rate		bpm	700-1200	600-1100	500-900	400-800	400-800	350-700	350-700	
Hose Diameter		inch		1/2	1/2	1/2	3/4	3/4	3/4	
Working Tool Diameter		mm	φ45	φ53	φ68	φ75	φ85	φ100	φ120	
Working Tool Length		mm	500	550	700	800	850	1000	1200	
Nitrogen Gas Pressure (Back Head)		bar	14-17	14-17	14-17	14-17	14-17	14-17	6-8	
Nitrogen Gas Pressure(Accumulator)		bar	-	-	-	-	-	55-60	55-60	
Noise 85dB(A)-Distance		m	3-6	4-8	5-10	6-12	6-12	7-14	11-18	
Carrier Weight		T	0.8-1.5	1.5-3.5	4.5-6	6-8	8-9	9-11	11-16	

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Medium Hydraulic Breaker Specification



Side Type



Top Type



Box Type

Model Number			DKO-135G	DKO-140	DKO-150G	DKO-155	DKO-165	DKO-175	DKO-180	DKO-190	DKO-195	
Weight	Side	kg	1673	1850	2312	2550	3101	4056	4360	5220	5450	
	Top	kg	1780	1997	2460	2742	3318	4298	4638	5500	5920	
	Box	kg	1724	1997	2457	2734	3154	3826	4406	5225	5624	
Dimensions	L*W*H	Side	mm	2423*600*1202	2431*620*1271	2640*665*1343	2776*705*1426	2792*770*1533	3063*730*1690	3245*690*1690	3383*740*1720	3437*740*1725
		Top	mm	2890*625*720	2786*627*719	3243*660*859	3274*710*774	3317*760*860	3565*800*920	3850*800*920	3995*760*940	4021*740*930
		Box	mm	2861*625*720	2866*627*719	3002*660*859	3075*710*774	3305*760*860	3544*800*920	3737*800*920	3915*760*940	3940*740*930
Oil Flow Rate		L/min	100-150	120-180	130-190	180-240	200-260	220-270	230-280	240-300	260-320	
Operating Pressure		bar	160-180	160-180	180-200	200-220	200-220	230-250	230-250	260-300	280-320	
Impact Rate		bpm	350-500	350-500	200-300	200-300	150-300	140-250	140-250	100-140	100-140	
Hose Diameter		inch	1	1	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	
Working Tool Diameter		mm	φ135	φ140	φ150	φ155	φ165	φ175	φ180	φ190	φ195	
Working Tool Length		mm	1200	1250	1500	1500	1500	1500	1700	1750	1750	
Nitrogen Gas Pressure (Back Head)		bar	6-8	14-17	6-8	16-18	18-22	22-28	22-28	28-32	28-32	
Nitrogen Gas Pressure(Accumulator)		bar	55-60	55-60	55-60	55-60	55-60	55-60	60-70	60-70	75-85	
Noise 85dB(A)-Distance		m	16-22	16-22	21-30	26-35	35-40	38-45	38-45	45-50	48-52	
Carrier Weight		T	18-22	22-26	26-30	30-33	33-36	36-40	40-43	43-48	48-52	

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Large Hydraulic Breaker Specification



Side Type



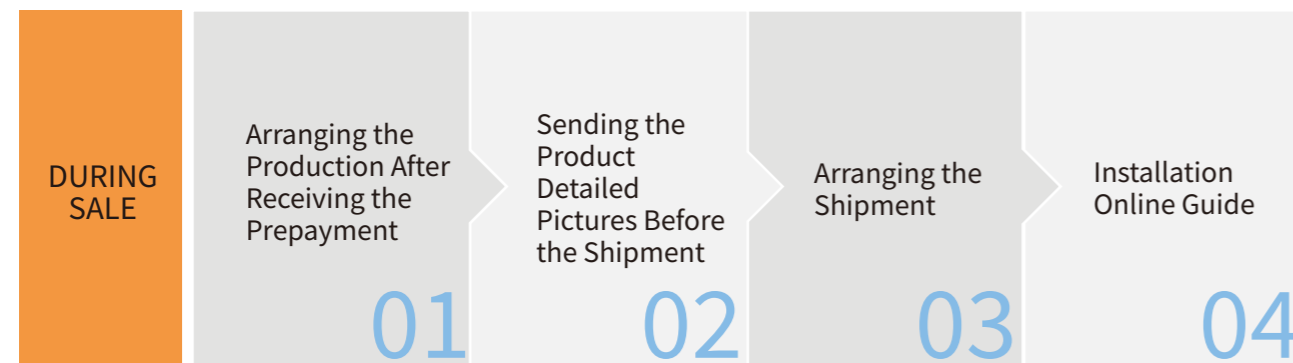
Top Type

Model Number			DKO-200	DKO-205	DKO-210	DKO-215	DKO-220	DKO-225	DKO-230	DKO-235	DKO-245	DKO-260	DKO-280	DKO-300
Weight	Side	kg	5850	6800	7450	8100	8800	9100	9500	9800	11500	12600	13500	14800
	Top	kg	6340	7450	7930	8420	9100	9100	10500	10500	12100	13200	14100	15300
	Box	kg	6023	7077	7534	7999	8645	8645	9975	9975	11495	12540	13395	15200
Dimensions L*W*H	Side	mm	3437*740*1754	3603*810*1795	3689*805*1820	3752*815*1842	3870*835*1966	3870*835*1966	3936*835*2050	3936*835*2050	3948*911*2260	4012*1022*2310	4060*1022*2310	4060*1022*2311
	Top	mm	4021*740*930	4230*810*990	4236*805*1050	4311*816*1065	4401*835*1070	4401*835*1070	4512*845*1090	4512*845*1090	4558*911*1100	4672*1022*1115	4677*1022*1120	4677*1022*1121
	Box	mm	3940*740*930	4145*810*990	4151*805*1050	4224*816*1065	4312*835*1070	4312*835*1070	4421*845*1090	4421*845*1090	4466*911*1100	4578*1022*1115	4583*1022*1120	4583*1022*1121
Oil Flow Rate	L/min	280-340	300-360	330-400	350-420	360-440	370-450	380-470	390-480	400-500	420-530	450-580	480-560	
Operating Pressure	bar	280-320	280-320	300-340	300-340	300-340	300-340	300-340	300-340	300-340	300-340	300-340	300-340	
Impact Rate	bpm	100-140	100-140	100-140	100-140	90-140	90-140	90-140	90-140	80-120	80-120	60-120	60-120	
Hose Diameter	inch	1-1/4	1-1/4	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	2001/1/2	
Working Tool Diameter	mm	φ200	φ205	φ210	φ215	φ220	φ220	φ230	φ230	φ245	φ260	φ280	φ300	
Working Tool Length	mm	1750	1750	1850	1850	1950	1950	1950	1950	2100	2100	2100	2200	
Nitrogen Gas Pressure (Back Head)	bar	28-32	28-32	28-32	28-32	28-32	28-32	28-32	28-32	28-32	28-32	28-32	28-32	
Nitrogen Gas Pressure (Accumulator)	bar	75-85	75-85	75-85	75-85	75-85	75-85	75-85	75-85	75-85	75-85	75-85	75-85	
Noise 85dB(A)-Distance	m	50-55	50-55	50-55	50-55	50-55	50-55	60-65	60-65	80-85	80-85	80-85	80-85	
Carrier Weight	T	52-56	56-60	60-65	65-68	68-73	73-75	75-78	78-80	80-85	85-90	90-100	100-120	

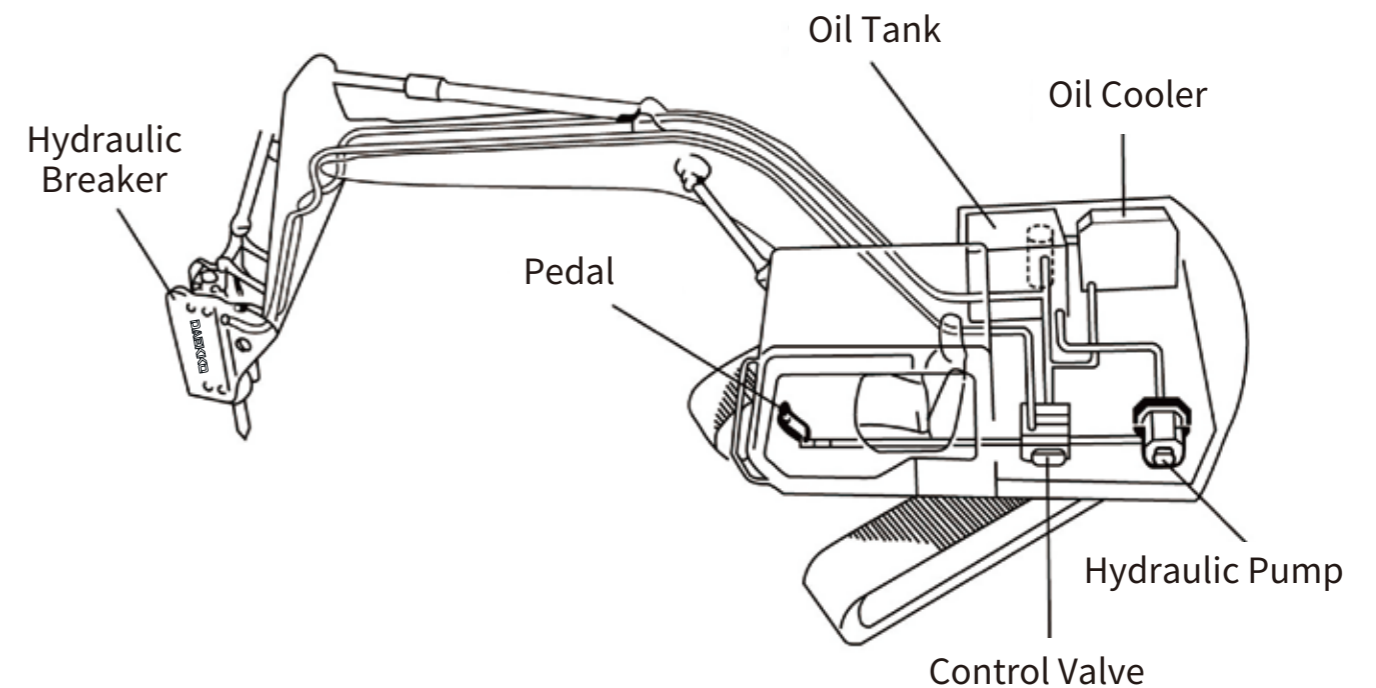
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HYDRAULIC BREAKER SERVICE

Achieve customers with quality and service.



HYDRAULIC BREAKER INSTALLATION



INSTRUCTION FOR INSTALLATION AND REMOVAL

Hydraulic breakers are often used alternately with buckets at the job site. When removing and installing, it must be operated strictly according to the instruction.

- 01** Select level ground that is free from mud and dust before changing the attachments.
- 02** Release the pressure in the hydraulic oil tank after the engine is turned off.
- 03** Shut off the stop valve to prevent the oil from flowing out.
- 04** Remove the hose connector on the excavator to collect the hydraulic oil and put it back into the oil tank.
- 05** Seal the hoses and oil lines separately to keep the oil system clean.
- 06** Remove the breaker from the boom.
- 07** Long term storage of the hydraulic breaker: Clean the outside of the breaker. Apply enough grease to the tool. Release the nitrogen from the head completely using the gas valve. Release piston from bottom bush and push upwards into housing.
- 08** After long term storage, inject lubricate grease into all parts of the breaker and fit back the tool.
- 09** Follow the reverse order when installing the breaker. Clean the hydraulic oil lines and all connections again.

TOOL OPTIONS

Options	Conical	Wedge	Moil	Blunt
Shape				
Type	Universal	Special	Universal	Special
Penetration	Strong	Strong	Strong	Average
Tool Breakage Rate	Low	High	Average	High
Wear Resistance	Average	Good	Average	Excellent
Chip Uniformity	Good	Average	Average	Average
Applicable Conditions	Full Coverage	Mining	Full Coverage	Demolition
Primary Crushing	Excellent	Average	Good	Bad
Secondary Crushing	Good	Average	Good	Average
Concrete Crushing	Average	Good	Average	Average

Conical

Wedge

Moil

Blunt

※Use only genuine tools with hydraulic breakers. The company is not responsible for the quality problems caused by using other substitutes.

SPARE PARTS

Using only genuine spare parts with hydraulic breakers is recommended.



Upper Bush
&
Bottom Bush



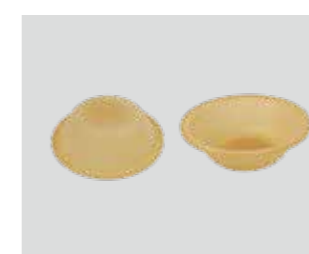
Piston Bush



Lock Pin



Seal Kits



Diaphragm



Tool Pin



Side Bolt



Through Bolt



Hose



Cylinder Assembly



Accumulator Assembly



Control Valve Assembly

※The image is for reference only.