

Integrity-oriented
pursuing excellence



SANHA 斗昌工程机械(上海)有限公司
DOOCANG HEAVY INDUSTRIES (SHANGHAI) CO., LTD



SANHA

DOOCANG HEAVY INDUSTRIES (SHANGHAI) CO., LTD

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Company Introduction

Doocang Heavy Industries (Shanghai) Co., Ltd. located in Songjiang district Shanghai. is a collection of designing, manufacturing, selling, exporting, maintenance and service, in the integration of modern management mode of enterprise.

Our company manufactures "SANHA" hydraulic breaker with advanced low noise shell, patent vibration protection system and special drill rod sliding sets of design, efficient frequency and powerful blow force. Other, our company also operates "SANHA" Crusher, Multi-processor, Quick Coupler, Compactor, Ston Grab, Pulverizer, SCRAP GRAB. By customers' consistent high praise and trust, applied for various municipal demolition , mines, crushing, etc.

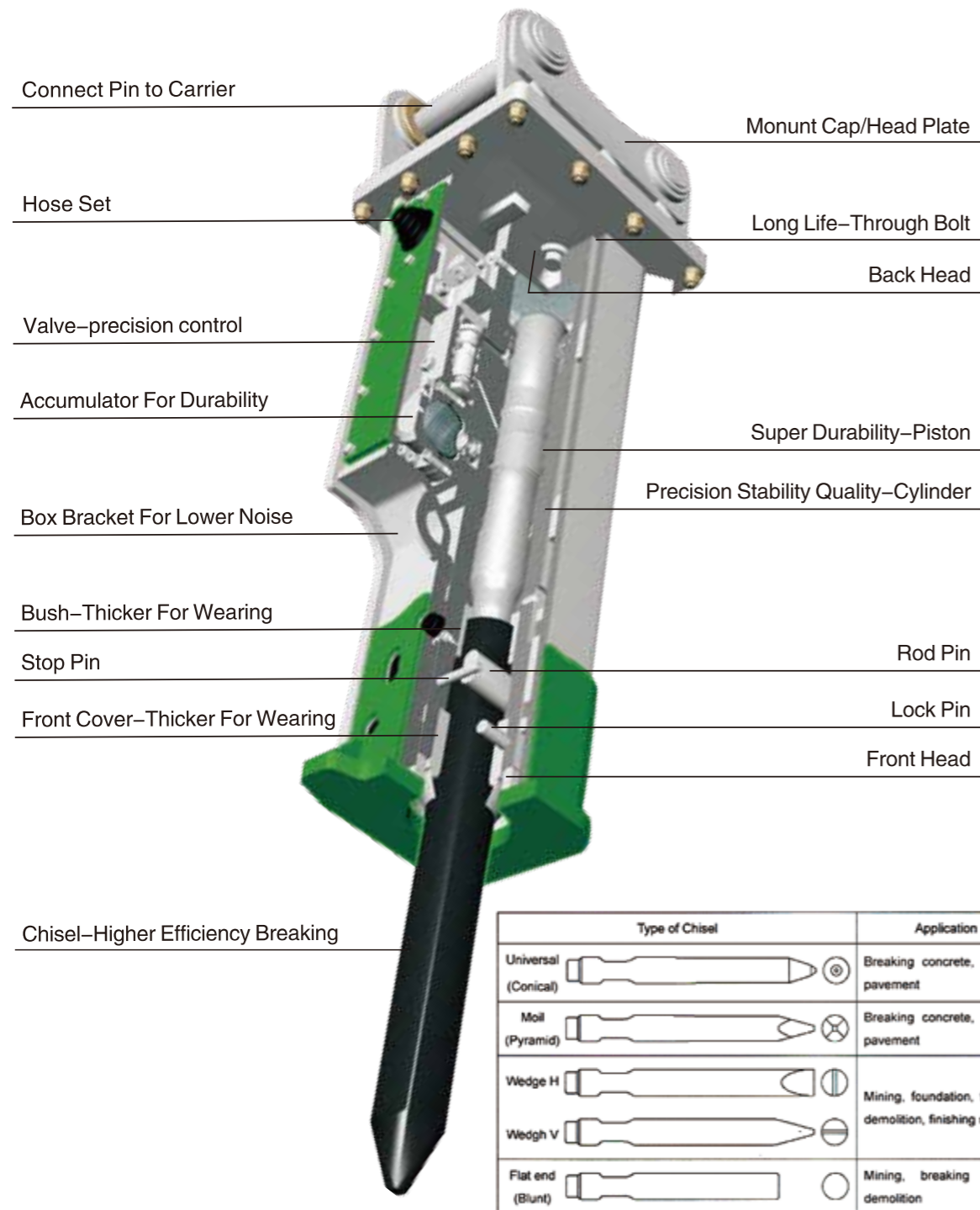
We have already developed and shared a broad range of market space in the word and domestic market established marketing and service networks covering the 34 provinces and Asia, Middle East, Africa Europe, America.

With the principle of "Integrity-oriented, pursuing excellence", we focus on engineering hydraulic machinery by strategic height. Meanwhile, in face of fierce market competition, we has always been adhering to the "Quality-Oriented, efficient management, customer supreme, prestige first" as our quality guideline, and are becoming areliable long-term partner of the majority users.

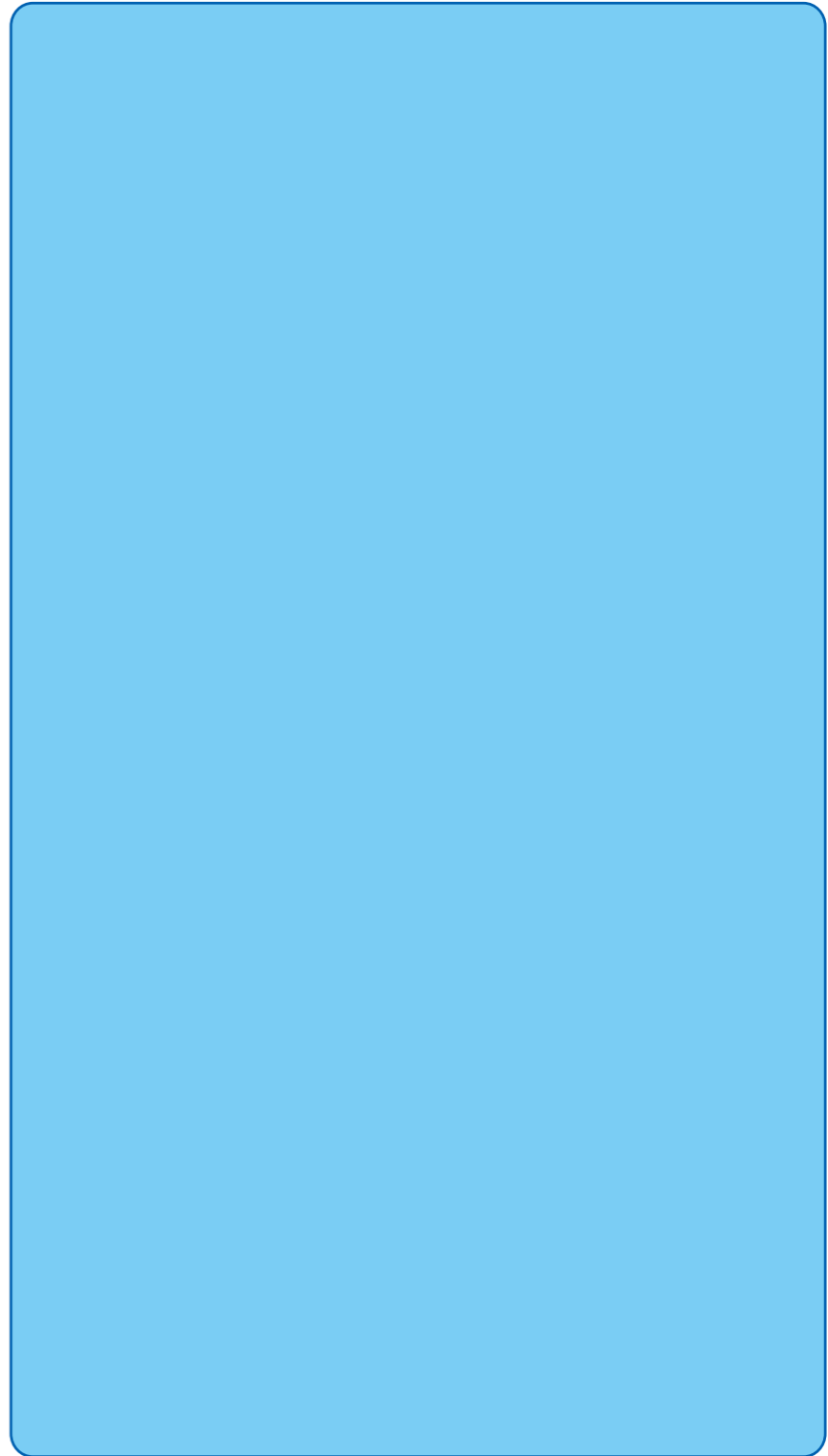
Integrity-oriented pursuing excellence

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Features





Features

- ▶ Design with cushion rubber for shock absorption
- ▶ Lower noise for city projects ,comfortable operation
- ▶ Longer operation range for distance working
- ▶ Chisel sliding design for longer service life, reducing maintenance cost



Application

- ▶ Second breaking in quarries and mines
- ▶ Infrastructure and road construction
- ▶ Bridge tunnel and foundation projects
- ▶ Construction and demolition projects in cities.



SANHA S-TYPE

Model/Description	Unit	S40S	S45S	S53S	S68S	S75S	S85S	S100S	S135S	S140S	S150S	S155S	S165S	S175S	S180S
Tool Diameter	mm	40	45	53	68	75	85	100	135	140	150	155	165	175	180
	inch	1.6	1.8	2.1	2.7	3	3.4	4	5.4	5.6	6	6.2	6.6	7	7.2
Weight of Main Body	kg	46	63	86	164	203	282	472	772	837	967	1157	1246	1536	1685
	lbs	101	138	189	362	448	622	1041	1702	1845	2132	2551	2747	3380	3715
Operating Weight (Connector & Chisel)	kg	102	126	151	293	373	569	859	1641	1763	2157	2629	2830	3991	3724
	lbs	225	277	333	646	822	1254	1894	3618	3887	4755	5796	6239	7982	8210
Impact Rate	bpm	800~1400	700~1200	600~1100	500~950	450~800	400~800	350~700	350~500	350~500	300~450	300~450	250~400	200~350	250~350
Operating Pressure	psi	1137~1558	1137~1558	1280~1700	1350~1900	1710~2030	1850~2140	2130~2420	2320~2610	2280~2560	2320~2610	2280~2560	2280~2560	2320~2610	2320~2610
	bar	80~110	80~110	90~120	100~130	120~140	130~150	150~170	160~190	160~180	160~190	160~180	160~180	160~180	160~190
Required Oil Flow	l/min	15~25	20~30	26~41	30~45	40~80	45~85	80~110	125~150	125~150	160~180	170~230	180~240	210~290	200~260
	gal/min	4~7	5~8	7~11	8~12	10~20	12~22	21~29	33~40	33~40	43~51	43~57	45~60	50~65	50~65
Hose Diameter	inch	½	½	½	½	½	¾	¾	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
Applicable Carrier weight	ton	0.8~2.5	1.2~3.0	3.0~4.5	4.0~7.0	5.0~9.0	6.0~11.0	10.0~15.0	16.0~22.0	16.0~25.0	25.0~30.0	29.0~33.0	30.0~40.0	40.0~50.0	40.0~55.0



Features

- ▶ Top type ,open design,easy for maintenance
- ▶ Simple design ,parts exchanging quickly
- ▶ Longer operation range for distance working
- ▶ More powerful cause of body verticality



Application

- ▶ Second breaking in quarries and mines
- ▶ Infrastructure and road construction
- ▶ Bridge tunnel and foundation projects
- ▶ First choice for distance demolition job



SANHA T-TYPE

Model/Description	Unit	S40T	S45T	S53T	S68T	S75T	S85T	S100T	S135T	S140T	S150T	S155T	S165T	S175T	S180T
Tool Diameter	mm	40	45	53	68	75	85	100	135	140	150	155	165	175	180
	inch	1.6	1.8	2.1	2.7	3	3.4	4	5.4	5.6	6	6.2	6.6	7	7.2
Weight of Main Body	kg	46	63	86	164	203	282	472	772	837	967	1157	1246	1536	1685
	lbs	101	138	189	362	448	622	1041	1702	1845	2132	2551	2747	3380	3715
Operating Weight (Connector & Chisel)	kg	75	98	159	308	392	597	902	1723	1851	2265	2760	2972	3809	3910
	lbs	165	216	350	678	863	1317	1988	3799	4081	4993	6086	6551	8379.8	8620
Impact Rate	bpm	800~1400	700~1200	600~1100	500~950	450~800	400~800	350~700	350~500	350~500	300~450	300~450	250~400	200~350	250~350
Operating Pressure	psi	1137~1558	1137~1558	1280~1700	1350~1900	1710~2030	1850~2140	2130~2420	2320~2610	2280~2560	2320~2610	2280~2560	2280~2560	2320~2610	2320~2610
	bar	80~110	80~110	90~120	100~130	120~140	130~150	150~170	160~190	160~180	160~190	160~180	160~180	160~180	160~190
Required Oil Flow	l/min	15~25	20~30	26~41	30~45	40~80	45~85	80~110	125~150	125~150	160~180	170~230	180~240	210~290	200~260
	gal/min	4~7	5~8	7~11	8~12	10~20	12~22	21~29	33~40	33~40	43~51	43~57	45~60	50~65	50~65
Hose Diameter	inch	½	½	½	½	½	¾	¾	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
Applicable Carrier weight	ton	0.8~2.5	1.2~3.0	3.0~4.5	4.0~7.0	5.0~9.0	6.0~11.0	10.0~15.0	16.0~22.0	16.0~25.0	25.0~30.0	29.0~33.0	30.0~40.0	40.0~50.0	40.0~55.0



Features

- ▶ Side type ,open design,easy for maintenance
- ▶ Simple design ,parts exchanging quickly
- ▶ Flexible operation with wide vision
- ▶ Cost saving with higher efficiency



Application

- ▶ Second breaking in quarries and mines
- ▶ Infrastructure and road construction
- ▶ Bridge tunnel and foundation projects
- ▶ Regular construction and demolition projects



SANHA H-TYPE

Model/Description	Unit	S40H	S45H	S53H	S68H	S75H	S85H	S100H	S135H	S140H	S150H	S155H	S165H	S175H	S180H
Tool Diameter	mm	40	45	53	68	75	85	100	135	140	150	155	165	175	180
	inch	1.6	1.8	2.1	2.7	3	3.4	4	5.4	5.6	6	6.2	6.6	7	7.2
Weight of Main Body	kg	46	63	86	164	203	282	472	772	837	967	1157	1246	1536	1685
	lbs	101	138	189	362	448	622	1041	1702	1845	2132	2551	2747	3380	3715
Operating Weight (Connector & Chisel)	kg	70	90	156	302	384	586	885	1690	1816	2222	2760	2915	3788	3836
	lbs	154	198	343	665	847	1292	1951	3726	4003	4898	6086	6426	8334	8456
Impact Rate	bpm	800~1400	700~1200	600~1100	500~950	450~800	400~800	350~700	350~500	350~500	300~450	300~450	250~400	200~350	250~350
Operating Pressure	psi	1137~1558	1137~1558	1280~1700	1350~1900	1710~2030	1850~2140	2130~2420	2320~2610	2280~2560	2320~2610	2280~2560	2280~2560	2320~2610	2320~2610
	bar	80~110	80~110	90~120	100~130	120~140	130~150	150~170	160~190	160~180	160~190	160~180	160~180	160~180	160~190
Required Oil Flow	l/min	15~25	20~30	26~41	30~45	40~80	45~85	80~110	125~150	125~150	160~180	170~230	180~240	210~290	200~260
	gal/min	4~7	5~8	7~11	8~12	10~20	12~22	21~29	33~40	33~40	43~51	43~57	45~60	50~65	50~65
Hose Diameter	inch	½	½	½	½	½	¾	¾	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
Applicable Carrier weight	ton	0.8~2.5	1.2~3.0	3.0~4.5	4.0~7.0	5.0~9.0	6.0~11.0	10.0~15.0	16.0~22.0	16.0~25.0	25.0~30.0	29.0~33.0	30.0~40.0	40.0~50.0	40.0~55.0

Crusher	Unit/Model	SC80		SC100		SC150	
		RG	RD	RG	RD	RG	RD
Total Weight	kg	1750	1800	2450	2500	2800	3030
Whole Height	mm	1940	1940	2150	2150	2240	2240
Max Launch Range	mm	800	790	880	870	1010	1000
Blade Length	mm	180	180*2	180	180*2	280	280*2
Max Crushing Power	ton	90	90	100	100	110	110
Maximum Crushing Power	ton	225	200	275	235	320	270
Operating Pace(fold & unfold)	sec	2.96 (3.03)	2.96 (3.03)	2.79 (3.46)	2.79 (3.46)	3.19 (4.14)	3.19 (4.14)
Cylinder	Max Oil Pressure	bar	320	320	320	320	320
	Required Oil Flow	lpm	100-150	100-150	150-200	150-200	170-240
Rotation	Measure	360° Rotation		360° Rotation		360° Rotation	
Applicable Excavator	ton	17-25	17-25	25-32	25-32	30-40	30-40



Multi Processor

Multi Processor	Unit/Model	SHP100				SHP150			
		RC	RD	RP	RS	RC	RD	RP	RS
Total Weight	kg	2540	2650	2810	2640	4000	4150	4250	4050
Whole Height	mm	2370	2400	2390	2470	2700	2750	2700	2775
Max Launch Range	mm	1045	1045	970	610	1250	1110	1170	695
Blade Length	mm	260	260*2	200	260*2	260	260*2	260	320*2
Max Crushing Power	ton	81	81	81	100	130	140	130	148
Max Crushing Power	ton	225	225	250	225	368	336	368	233
Operating Pace(fold & unfold)	sec	4.07(3.84)	4.07(3.84)	4.07(3.84)	4.07(3.84)	3.3(3.6)	3.3 (3.6)	3.3 (3.6)	3.3 (3.6)
Cylinder	Max Oil Pressure	bar	320	320	320	350	350	350	350
	Required Oil Flow	lpm	150-250	150-250	150-250	150-250	240-350	240-350	240-350
Rotation	Measure	360° Rotation				360° Rotation			
Applicable Carrier Weight	ton	28-35	28-35	28-35	28-35	35-50	35-50	35-50	35-50



Quick Coupler

Quick Coupler	Quick Coupler	SQ40P	SQ50P	SQ80P	SQ100H	SQ120H	Quick Coupler
Type		Push type				Hitch type	
L*W*H		543*306*225	765*388*346	925*493*414	970*545*515	1170*585*570	
Installing Distance		230-280	380-420	455-485	490-545	530-610	
Axis Disatnce		150	220	270	300	330	
Required Oil Flow		10-20	10-20	10-20	10-20	10-20	
Oil Pressure		40	40	40	40-380	40-380	
Applicable Carrier Weight		3-5	7-15	18-26	27-30	30以上	



Compactor

Compactor	SCP20	SCP60	SCP80	SCP100
Vibrational Forces	4	6.5	15	15
Max Vibrating	2000	2000	2000	2000
Weight	270	500	900	950
Dimension	900*550*25	1160*700*28	1350*900*30	1350*900*30
Whole Height	760	920	1060	1100
Max Width	550	700	900	900
Required Oil Flow	45-75	85-105	120-170	120-170
Operating pressure	100-130	100-130	150-200	150-200
Applicable Carrier Weight	4-6	11-16	17-25	28-33



Ston Grab	Unit/Model	SSG40	SSG50	SSG60	SSG80	SSG100	
		Total Weight	kg	750	1100	1220	1450
Whole Height	mm	1100	1255	1275	1250	1500	
Max Launch Range	mm	900	1030	1080	1120	1350	
Blade Length	mm	1750	2040	2140	2060	2366	
Max Crushing Strength	ton	380	500	650	800	950	
Maximum Crusing Power	ton	3.5	5	6	7	7	
Cylinder	Max Oil Pressure	bar	300	320	320	320	320
	Required Oil Flow	lpm	40-80	60-100	30-100	80-150	100-180
Rotation	Measure	360° Rotation					
Applicable Excavator	ton	8-15	10-18	13-19	18-24	24-35	



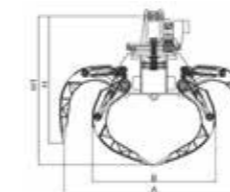
Pulverizer

Pulverizer	Unit/Model	SS80 (Posher200)	SS100 (Posher300)	
		Total Weight	kg	1850
Whole Height	mm	1920	2212	
Max Launch Range	mm	1250	1481	
Max Launch Range	mm	540	710	
Launch Range	mm	855	1002	
Tooth Length	mm	220	220	
(External)				
Max Crushing Strength	ton	70	88	
Max Crushing Power	ton	-	267	
Max Oil Pressure	kg/cm2	320	320	
Required Oil Flow	l/min	180-250	200-300	
Occlusion Pace	Open	sec	2	2.3
	Close	sec	2.5	2.7
Applicable Carrier Weight	ton	18-25	25-36	



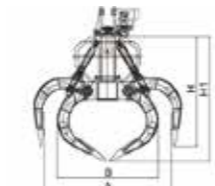
SCRAP GRAB / A TYPE

MODEL	SCRAP GRAB/A TYPE			
	SSGA 60	SSGA 80	SSGA 100	SSGA 150
Capacity(LT.)	600	800	1000	1500
Weight(kg)	1080	1300	1520	1910
A	1705	1945	2100	2450
B	1220	1300	1529	1770
H	1269	1392	1446	1690
H1	1524	1647	1670	2050
Ton	16.5-18	18-25	28-35	36-42



SCRAP GRAB / B TYPE

MODEL	SCRAP GRAB/B TYPE			
	SSGB 60	SSGB 80	SSGB 100	SSGB 150
Capacity(LT.)	600	800	1000	1500
Weight(kg)	1150	1420	1620	2050
A	1705	1945	2100	2450
B	1220	1300	1529	1770
H	1490	1530	1680	1930
H1	1710	1870	1890	2350
Ton	16.5-18	18-25	28-35	36-42



APPLICABLE EXCAVATOR

MAKER	S53	S68	S75	S85	S100	S135	S140	S150	S155	S165	S175	S180
SANY		SY55C-9 SY60C-9 SY65C-9 SY75C-9	SY75C-9 SY85C-9 SY95C-9	SY95C-9	SY115C-9 SY135C-9 SY155C-9	SY195C-9 SY205C-9 SY215C-9	SY205C-9 SY215C-9 SY225C-9 SY235C-9 SY265C-9	SY265C-9 SY305C-9H SY335C-9H	SY305C-9H SY335C-9H	SY335C-9H SY365H-9 SY385H-9	SY465H-9	SY465H-9
VOLVO		EC55B EC60C EW60C	EC55B EC60C EW60C	EC80D	EC140B EW145B	EW205D EC200B EC210B EC220D EC240B EC250D	EW205D EC200B EC210B EC220D EC240B EC250D	EC300D	EC300D	EC360B EC380B	EC460B EC480B	EC480B
HYUNDAI		RB55 RB60		RB80 RB110	RB130	R200 R210 R215 R225 R245 R260	R200 R210 R215 R225 R245 R260	R290 R305	R335 R360	R375	R505 R4700LC	R505 R4700LC
CAT				311	312 315	320 320DL	320 324	325 330 329D	330 329D	235 330 336D 385	245 345 350	245 345 350 349
KOMATSU		PC45 PC56	PC50 PC60	PC90	PC100 PC120	PC200 PC210 PC220 PC250	PC200 PC210 PC220 PC250		PC300	PC400	PC450	PC450 PC500
HITACHI		ZX55 ZX60	ZX70	ZX90 ZX100	ZX120 ZX130 ZX150	ZX200 ZX210 ZX220 ZX230 ZX240 ZX250	ZX200 ZX210 ZX220 ZX230 ZX240 ZX250	ZX270 ZX280	ZX300 ZX330	ZX350 ZX360 ZX400	ZX450	ZX450
KOBELCO		SK55	SK60	SK70	SK100 SK115	SK200 SK210 SK220 SK230 SK250 SK270	SK200 SK210 SK220 SK230 SK250 SK270	SK270 SK300	SK320 SK350	SK400	SK450	SK450
KATO		HD250	HD399	HD400	HB450 HD500	HD700 HD800 HD820 HD880 HD1023	HD700 HD800 HD820 HD880 HD1023	HD1100 HD1200	HD1250 HD1430	HD1500 HD1880	HD2500	HD2500
SUMITOMO		S40	S70W	S120	S135	SH200 SH210 SH240 S280	SH200 SH210 SH240 S280	SH300	SH330 SH340	SH330 SH340 SH400	SH450	SH450
ATLAS						2006 2306	2306 2606		3306			
LIEBHERR					A309 A311 A312 A314 A316 R313 R317	A914 R900 A924	R914B R916 R924	R324B R926	R934B	R944C R952 R954 R961	R357C R954LIT R952	R357C R954LIT R952
CASE		CX45	CX75		CX130	CX210 CX240	CX210 CX240		SC150L RC200 160CK/CL 170CK-B	CX360	300CK CX460 CX1288FG 170C 2200B 9060	300CK
LINGONG		LG660 LG665		LG685 LG690	LG6150	LG6210 LG6220	LG6250	LG6300	LG6300	LG6360		
DOOSAN		DH55 DH60	S70W	S80W DH80W	DH130 DH150	DH210 DH220 DH225 DH258	DH210 DH220 DH225 DH258	DH300	DH300	DH360 DH370	DH420 DH500	DH420 DH500
LIUGONG		CLG906	CLG907 CLG908 CLG766		CLG915	CLG200 CLG205 CLG220 CLG225 CLG920 CLG922	CLG230 CLG923 CLG925	CLG925	CLG300			

APPLICABLE EXCAVATOR

MAKER	S53	S68	S75	S85	S100	S135	S140	S150	S155	S165	S175	S180
XUGONG		XCG60	XCG88 EC80		XCG140	XCG220 XCG210 XCG220 XCG230 XCG230	XCG200 XCG210 XCG220 XCG230 XCG240	XCG330	XCG330	XCG420		
XIAGONG	XG804	XG804 XG806	XG765	XG808	XG815	XG820 XG821 XG822	XG823 XG825LC	XG825LC	XG833	XG836LC		
JOVE		JV70-7	JV85-7	JV85-7						JY400		
JONYANG		JYL80	JYL80	JYL135	W4-60 JY161	JY200 JY210 JY230	JY200 JY210 JY230	JY300	JY320			
LONKING		LG6065 LG6060		LG8350 LG6090 LG6085	LG6150	LG6225 LG6235	LG6225 LG6235		LG3636	LG6360		
YUCHAI	YC35-8	YC50-8 YC55-8 YC60-8 YC70-8	YC70-8	YC70-8 YC85-8	YC135-8 YC160-8	YC210LC-8 YC230LC-8	YC240LC-8	YC330LC-8	YC330LC-8	YC360LC-8	YC420LC-8 YC460LC-8	YC420LC-8 YC460LC-8
SUNWARD	SWE28 SWE38	SWE60	SWE70	SWE78 SWE85	SWE110 SWE130	SWE210 SWE230LC					SWE330LC SWE360LC	

APPLICABLE MINI EXCAVATOR& OTHERS

MAKER	S53	S68	S75	S85	S100
YANMAR	VI035	VIO55	VI075	VI075	
TAKEUCHI	TB140	TB180			TB1140
NAGANO	NS08	NS50 NS60	NS80	NS80	
LOADER		ZL10 ZL30	ZL50	ZL50	
IHI	30N 35N	50N 60N	65N 80N		
JCB		8052 3CX	3CX 4CX 8060		
YANGONG		WZ25-20	YG80E		
CHANGLIN			WZ30-25		
LOVOL		FR60	FR65 F1468A		
LONKING		LG843	LG860 ZL50C ZL56B LG855B		