



SANGDO PRODUCT LINE

Hydraulic Attachment Excavator



 SANGDO INTERNATIONAL

Your Earthmoving Solutions

Hydraulic Breaker



» Feature

>> Hardox reinforced housing

>> Automatic Lubrication System

>> Low Noise Emission Level, Reliable Working Tools

Specification — Silenced Type / Box

Description	Unit	SD10S	SD20S	SD30S	SD40S	SD50S	SD70S	SD100S	SD140S	SD160S
Operating weight	kg	100	134	148	186	304	405	530	880	1307
Overall lenght	mm	1087	1215	1285	1363	1682	1684	2068	2361	2615
Operating pressure	bar	80 ~ 100	100 ~ 120	100 ~ 120	110 ~ 130	140 ~ 160	140 ~ 160	120 ~ 150	150 ~ 170	150 ~ 180
Required oil flow	l/min	10 ~ 20	15 ~ 25	25 ~ 40	30 ~ 50	35 ~ 65	40 ~ 70	60 ~ 90	80 ~ 120	100 ~ 140
Impact rate	bpm	700 ~ 1200	700 ~ 1200	550 ~ 1000	500 ~ 900	500 ~ 800	400 ~ 800	400 ~ 800	400 ~ 700	400 ~ 600
Tool diameter	mm	36	45	53	60	68	75	85	100	125
Hose diameter	inch	3/8	3/8	1/2	1/2	1/2	1/2	3/4	3/4	1
Applicable carrier	ton	0,8 ~ 2,5	1,2 ~ 3	2,5 ~ 4,5	3 ~ 5,5	4 ~ 7	6 ~ 9	7 ~ 12	11 ~ 16	14 ~ 18

	Unit	SD200S	SD200VS	SD220S	SD300S	SD330S	SD400S	SD440S	SD500S	SD800S
Operating weight	kg	1462	1710	1903	2454	2890	3020	3090	4064	7251
Overall lenght	mm	2701	2766	2860	3057	3328	3306	3043	3854	4385
Operating pressure	bar	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	190 ~ 210
Required oil flow	l/min	100 ~ 150	120 ~ 160	130 ~ 170	150 ~ 190	180 ~ 240	190 ~ 250	200 ~ 260	230 ~ 300	320 ~ 380
Impact rate	bpm	400 ~ 600	400 ~ 700	400 ~ 600	300 ~ 500	300 ~ 450	250 ~ 500	200 ~ 350	200 ~ 350	200 ~ 400
Tool diameter	mm	135	135	140	150	155	160	165	180	210
Hose diameter	inch	1	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Applicable carrier	ton	16 ~ 21	16 ~ 25	18 ~ 26	25 ~ 32	28 ~ 35	30 ~ 42	30 ~ 45	45 ~ 60	70 ~ 100

The above specifications are subject to change without prior notice for improvement

Specification — Open Type / Standard

Description	Unit	SD10	SD20	SD30	SD40	SD50	SD70	SD100	SD140	SD160
Operating weight	kg	70	87	106	178	272	384	508	872	1255
Overall lenght	mm	1050	1146	1230	1288	1491	1613	2115	2387	2621
Operating pressure	bar	80 ~ 100	100 ~ 120	100 ~ 120	110 ~ 130	140 ~ 160	140 ~ 160	120 ~ 150	150 ~ 170	150 ~ 180
Required oil flow	l/min	10 ~ 20	15 ~ 25	25 ~ 40	30 ~ 50	35 ~ 65	40 ~ 70	60 ~ 90	80 ~ 120	100 ~ 140
Impact rate	bpm	700 ~ 1200	700 ~ 1200	550 ~ 1000	500 ~ 900	500 ~ 800	400 ~ 800	400 ~ 800	400 ~ 700	400 ~ 600
Tool diameter	mm	36	45	53	60	68	75	85	100	125
Hose diameter	inch	3/8	3/8	1/2	1/2	1/2	1/2	3/4	3/4	1
Applicable carrier	ton	0,8 ~ 2,5	1,2 ~ 3	2,5 ~ 4,5	3 ~ 5,5	4 ~ 7	6 ~ 9	7 ~ 12	11 ~ 16	14 ~ 18

Description	Unit	SD200	SD200VT	SD220	SD300	SD330	SD400	SD440	SD500	SD800
Operating weight	kg	1455	1665	1871	2380	2890	2960	2838	4064	7251
Overall lenght	mm	2757	2824	2781	3062	3336	3265	3043	3854	4385
Operating pressure	bar	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	190 ~ 210
Required oil flow	l/min	100 ~ 150	120 ~ 160	130 ~ 170	150 ~ 190	180 ~ 240	190 ~ 250	200 ~ 260	230 ~ 300	320 ~ 380
Impact rate	bpm	400 ~ 600	400 ~ 700	400 ~ 600	300 ~ 500	300 ~ 450	250 ~ 500	200 ~ 350	200 ~ 350	200 ~ 400
Tool diameter	mm	135	135	140	150	155	160	165	180	210
Hose diameter	inch	1	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Applicable carrier	ton	16 ~ 21	16 ~ 25	18 ~ 26	25 ~ 32	28 ~ 35	30 ~ 42	30 ~ 45	45 ~ 60	70 ~ 100

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Specification – Side Type / Triangle

Description	Unit	SD10E	SD20E	SD30E	SD40E	SD50E	SD70E	SD100E	SD140E
Operating weight	kg	70	85	104	154	264	380	492	853
Overall length	mm	899	1010	1074	1124	1312	1366	1728	1927
Operating pressure	bar	80 ~ 100	100 ~ 120	100 ~ 120	110 ~ 130	140 ~ 160	140 ~ 160	120 ~ 150	150 ~ 170
Required oil flow	l/min	10 ~ 20	15 ~ 25	25 ~ 40	30 ~ 50	35 ~ 65	40 ~ 70	60 ~ 90	80 ~ 120
Impact rate	bpm	700 ~ 1200	700 ~ 1200	550 ~ 1000	500 ~ 900	500 ~ 800	400 ~ 800	400 ~ 800	400 ~ 700
Tool diameter	mm	36	45	53	60	68	75	85	100
Hose diameter	inch	3/8	3/8	1/2	1/2	1/2	1/2	3/4	3/4
Applicable carrier	ton	0,8 ~ 2,5	1,2 ~ 3	2,5 ~ 4,5	3 ~ 5,5	4 ~ 7	6 ~ 9	7 ~ 12	11 ~ 16

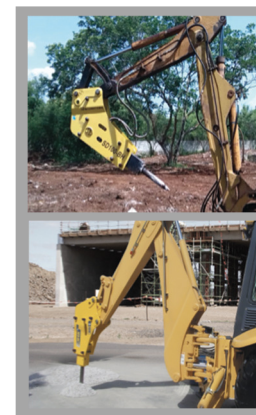
Description	Unit	SD160E	SD200E	SD200VE	SD220E	SD300E	SD400E	SD500E	SD800E
Operating weight	kg	1260	1410	1684	1989	2394	3085	4010	7180
Overall length	mm	2155	2289	2290	2337	3062	3265	3854	4385
Operating pressure	bar	150 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	190 ~ 210
Required oil flow	l/min	100 ~ 140	100 ~ 150	120 ~ 160	130 ~ 170	150 ~ 190	190 ~ 250	230 ~ 300	320 ~ 380
Impact rate	bpm	400 ~ 600	400 ~ 600	400 ~ 700	400 ~ 600	300 ~ 500	250 ~ 500	200 ~ 350	200 ~ 400
Tool diameter	mm	125	135	135	140	150	160	180	210
Hose diameter	inch	1	1	1	1	1	1 1/4	1 1/4	1 1/4
Applicable carrier	ton	14 ~ 18	16 ~ 21	16 ~ 25	18 ~ 26	25 ~ 32	30 ~ 42	45 ~ 60	70 ~ 100

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Backhoe Loader Type

Description	Unit	SD50-BH	SD50S-BH	SD70-BH	SD70S-BH
Operating weight	kg	272	304	384	405
Tool diameter	mm	68	68	75	75

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Skide Steer Loader Type

Description	Unit	SD30-SL	SD30S-SL	SD40-SL	SD40S-SL
Operating weight	kg	175	217	223	260
Tool diameter	mm	53	53	60	60

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Bucket Crusher

» Feature

- >> Mechanics : The way how it works is same with the way of Jaw Crusher .
- >> It is added to the excavator and hydraulically operated
- >> The Jaw liner in the bucket crushes stones through the back-and-forth motion.
- >> The size of the stones to produce can be adjusted



Specification

Setting(mm)	10	20	30	40	50	60	70	80	90	100	110
SDBC 08	4	7	11	15	18	22	26	29	34	37	40
SDBC 10	5	10	14	18	21	25	29	33	38	42	45
SDBC 14	8	13	18	22	26	30	35	39	43	47	52

Description	Unit	SDBC 08	SDBC 10	SDQ 14
Applicable Carrier	ton	20~25	26~35	36~45
Load Capacity	m3	0.65	0.8	1
Operating Pressure	Mpa	20	20	20
Required Oil Folw	L/Min	150	180	200
Bucket Loading Opening	mm	700x500	900x500	1,200x500
Operating Weight	kg	2,600	3,600	4,500
Crusher Output Adjustment	mm	20~120	20~120	20~120

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Primary Crusher

» Feature

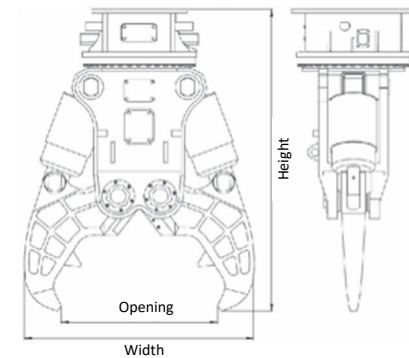


- >> Dual Cylinder and Dual Pin
- >> Wide Jaw Opening and High Crushing Force
- >> 360° Hydraulic Rotation Motor with Dual Relief Valve
- >> The Structure is Manufactured from High-strength, abrasion-resistant steel

Specification

Model	Unit	SDC 03V	SDV 05V	SDV 15V	SDV 20V	SDV 25V	SDV 30V	SDV 35V
Operating Weight	kg	290	520	1,000	1,400	1,950	2,680	5,000
Opening Width of Jaw	mm	0~450	0~500	0~800	0~880	0~980	0~1,120	0~1,400
Operating Pressure	bar	210	240	260	280	300	320	320
Applicable Carrier	ton	2~3	5~7	13~18	20~22	22~25	28~37	35~48

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Secondary Crusher



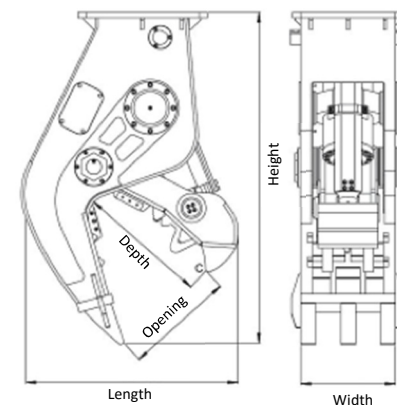
» Feature

- » Wide Jaw Opening
- » Speed Up Valve Reduces the cycle time of Jaw
- » Cylinder Rod is Protected by Heavy Duty Guard
- » The Structure is Manufactured from High-Strength, abrasion-resistant steel

Specification

Model	Unit	SDP 15V	SDP 20V	SDP 25V	SDP 30V	SDP 50V
Operating Weight	kg	890	1,500	1,750	2,350	4,200
Opening Width of Jaw	mm	0~800	0~870	0~980	0~1,120	0~1,280
Operating Pressure	bar	260	280	300	300	300
Applicable Carrier	ton	13~18	20~22	22~25	28~37	42~47

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Shear

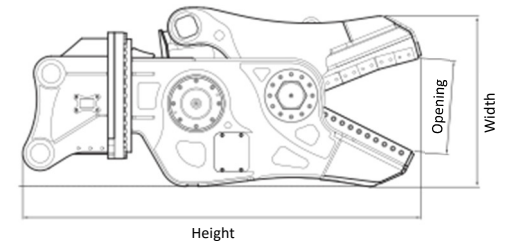
» Feature

- » Single Pin and Dual Cylinder
- » Zero Slip Between Two Jaws
- » 360° Hydraulic Rotation Motor with Dual Relief Valve
- » Optimized Angle and Continuous Force Through The Cycle

Specification

Model	Unit	SDS 400RV	SDS 500RV	SDS 600RV	SDS 700RV
Operating Weight	kg	1,800	2,200	3,100	6,000
Opening Width of Jaw	mm	0~400	0~500	0~700	0~900
Operating Pressure	bar	260	300	320	320
Applicable Carrier	ton	13~18	18~25	28~37	42~47

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Vibro Hammer

>> Feature

- >> Outstanding Workability and Mobility
- >> Equipped with high-powered hydraulic piston motor and suitable bearing for high frequency vibration.
- >> Proven high quality rubber absorbs vibrator.
- >> Easy connect and disconnect the hammer by the use of excavator's breaker hydraulic liens.
- >> The clamping lug can handle and move construction objects easily.
- >> Sufficient wear-resistant design and 360-degree revolution.



Specification

Description	Unit	W250	W300	W400
Operating weight	kg	1,600	1,800	1,900
Extension boom weight	kg	600	700	700
Clamping jaw	mm	65	65	65
Frequency	bpm	2,000 ~ 2,500	2,000 ~ 2,500	2,000 ~ 2,500
Slewing degree	degree	360	360	360
Dimension (L*W*H)	mm	1,857*1,042*650	1,959*1,103*792	2,016*1,196*830
Hydraulic oil flow	lpm	130 ~ 180	170 ~ 200	200 ~ 260
Hydraulic working pressure	bar	180 ~ 200	200 ~ 250	200 ~ 250
Applicable carrier	ton	20 ~ 28	28 ~ 34	33 ~ 40

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Vibro Ripper

» Feature

>> Minimum noise under 90db

>> High in productivity compared to traditional rock breaker.

>> Optimal design for easy maintenance.

>> Wear out resistant Tooth and Under water operation.

Specification

Description	Unit	V 150	V 200	V 300	V 400
Operating weight	kg	1,500	2,200	2,700	4,000
Frequency	bpm	20,000 ~ 2,500	2,000 ~ 2,500	2,000 ~ 2,500	2,000 ~ 2,500
Operating pressure	bar	150 ~ 200	180 ~ 200	200 ~ 250	200 ~ 250
Oil flow range	l/min	80 ~ 140	130 ~ 180	170 ~ 200	200 ~ 260
Impact rate	bpm	400 ~ 800	450 ~ 630	450 ~ 700	450 ~ 700
Dimension (L*W*H)	mm	2,000*1,024*607	2,328*1,200*710	2,833*1,463*867	3,150*1,625*963
Hydraulic return pressure	bar	6	6	6	6
Case drain maximum pressure	bar	4	4	4	4
Accumulator pressure	bar	6	6	6	6
Applicable carrier	ton	11 ~ 16	18 ~ 26	27 ~ 33	33 ~ 40

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Fixed Stone Grapple

» Feature

- >> Handling of seawalls, stones and many others are all available
- >> Multipurpose function to prevent slipping
- >> Available to work with many kinds of stone (Option)
- >> Available to classify soil cement and stone (Option)

Specification

Model	Applicable Carrier (ton)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Operating Weight (kg)
SFS 03	5~7	430	1,112	45	1,121	170	305
SFS 06	12~15	636	1,536	65	1,458	276	730
SFS 08	18~22	800	1,849	70~80	1,927	32	1,430
SFS 10	28~31	833	1,976	80~90	2,136	376	1,860

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Quick Coupler

● Pull Type



● Push Type



» Feature

>> Pro-longed Lifetime with Superior Durability

>> Applied Double Safety Device

>> Simple Hitch & Loosing Operation

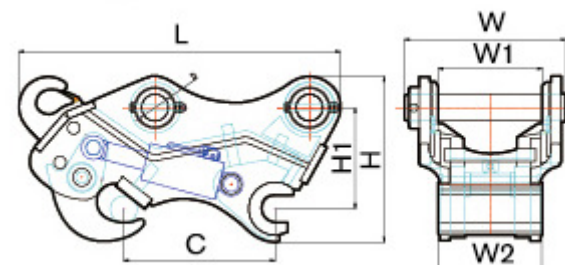
>> Enough Space for Safety Pin

Specification

• Pull Type

Description	Unit	SDQ 08	SDQ 10	SDQ 14	SDQ 17	SDQ 20
Operating Weight	kg	340	520	650	725	890
Length(L)	mm	970	1,080	1,125	1,226	1,285
Height(H)	mm	491	552	584	612	662
Width(W)	mm	469~503	543~593	574~624	630~670	680~710
Installation Width(W1)	mm	306~340	350~410	410~432	410~440	470~510

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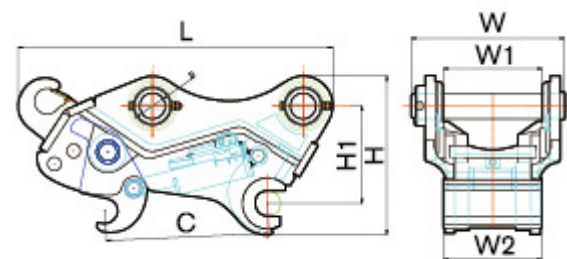
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Specification

- Push Type

Description	Unit	SDQ 03	SDQ 06
Operating Weight	kg	54~60	150~163
Length(L)	mm	575~593	814~820
Height(H)	mm	285	387
Width(W)	mm	249~259	408~423
Installation Width(W1)	mm	155~165	260~275

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Authorized Dealer In Indonesia



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