Break Anything... Except the Bank

Hydraulic Breakers
Attachments

KOMAC
Technology with Passion

VISION 2030

KOMAC

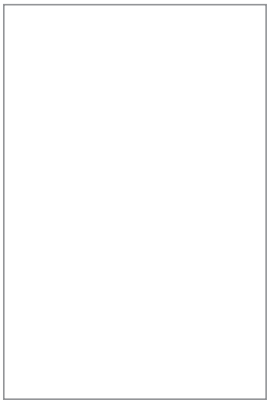
Komac currently has constructed about 65 dealer networks all over the world and we are moving forward for Vision 2030 based on endless passion for technology and the spirit of familism.

We will serve domestic and international customers with the world best function, quality, and service which are recognized in overseas market.

In the future, we will have a chance to take a leap trying to become an integrated heavy industry beyond the attachment industry.

KOMAC FAMILISM

- *Customer like my body*
- *Products like my parents*
- *Supplier like my children*
- *Staff like my brothers*

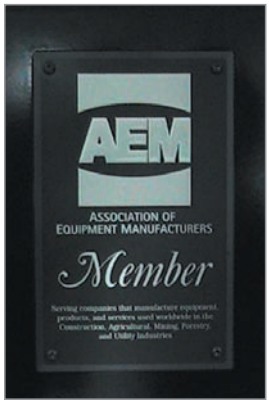


CE Certificate

Certificate of D-U-N-S number

Homologation Certificate

ISO 9001



AEM Member

TOR 10V	TOR 13V	TOR 18V	TOR 23V	TOR 25V	TOR 26V	TOR 36V	TOR 42V	TOR 55V	TOR 70V
12~ 16	12~ 16	17 ~ 23	18 ~ 26	18 ~ 26	20 ~ 30	27 ~ 35	34 ~ 47	47 ~ 70	65 ~ 85
26,400 ~ 35,200	26,400 ~ 35,200	37,479 ~ 50,706	39,683 ~ 57,320	39,683 ~ 57,320	44,092 ~ 66,138	59,525 ~ 77,162	74,957 ~ 103,617	103,617 ~ 154,324	143,300 ~ 187,392
820	1,100	1,320	1,630	1765	1,850	2,200	3,310	4,380	6,520
1,807.28	2,425.08	2,910.10	3,593.53	3,891.16	4,077	4,850.17	7,297.30	9,656.24	14,374
430	460	610	700	715	800	910	1,320	1,880	2,830
948	1,014.13	1,344.82	1,543.24	1,576.31	1,763	2,006.21	2,910.10	4,144.69	6,239
80 ~ 120	80 ~ 120	90 ~ 125	125 ~ 150	125 ~ 150	150~ 180	160 ~ 190	190 ~ 250	210 ~ 310	300 ~ 400
210	195	200	210	210	230	230	240	240	240
3,046	2,828.16	2,900.68	3,045.71	3,046.71	3,336	3,336	3,480.81	3,480.81	3,480.81
150 ~ 170	150 ~ 170	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 190	180 ~ 210
2,176 ~ 2,466	2,176 ~ 2,466	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,756	2,610 ~ 3,046
450 ~ 700	450 ~ 700	360 ~ 700	400 ~ 800	400 ~ 800	240 ~ 600	360 ~ 700	240 ~ 500	210 ~ 450	180 ~ 350
100	102	108	127	135	140	145	155	175	195
3.94	4.02	4.25	5.00	5.31	5.51	5.71	6.10	6.89	7.67
1,000	1,000	1,100	1,200	1,200	1,200	1,300	1,500	1,650	1,800
39.37	39.37	43.31	47.24	47.24	47.24	51.18	59.06	64.96	70.86
265	265	420	490	600	620	758	1,072	1,310	1,700
2,599	2,599	4,119	4,805	5,884	6,080	7,433	10,513	12,847	16,671
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Above specifications are subject to change without prior notice for quality improvement.

Selections of **TOR** Series

H-Type

Explanation for Model

- Blank firing protection system control valve (On/Off)
- Improved durability
- Simple design structure, easy maintenance

Valve and the Cylinder Adjuster in the front panel

- Easy for the oil flow adjustment as well as customer maintenance

Shock Absorbing System in the Accumulator

- Enhance the equipment durability by shock buffering in the impact
- Increase efficiency with the oil Supplement

Specification

Item / Model		Unit	TOR 1H	TOR 2H	TOR 3H	TOR 5H	TOR 6H	TOR 7H
Selection of Machine		ton	0.5 ~ 1.5	0.8 ~ 3.0	1.2 ~ 4.0	3.0~ 5.0	3.5 ~ 7.0	5.0 ~ 9.0
		lbs	1,102 ~ 3,307	1,764 ~ 6,614	2,646 ~ 8,818	6,600~ 11,000	7,700 ~ 15,400	11,000 ~ 19,800
*Operating Weight (Mount Cap+TOOL)		kg	78	130	155	240	330	355
		lbs	171.912	286.52	341.62	528.96	727.32	782.42
Weight of Main Body		kg	50	60	77	165	178	188
		lbs	110	132	170	364	392	414
Required Oil Flow Rate		l/min	15 ~ 25	20 ~ 35	25 ~ 40	30 ~ 50	40 ~ 70	45 ~ 90
Setting Pressure (of Machine)		bar	90 ~ 130	150	150	160	170	170
		psi	1,305 ~ 1,885	2,176	2,176	2,321	2,466	2,466
Operating pressure (of Breaker / Hammer)		bar	90 ~ 120	90 ~ 120	90 ~ 120	100 ~ 130	110 ~ 140	110 ~ 140
		psi	1,305~ 1,740	1,305~ 1,740	1,305 ~ 1,740	1,450 ~ 1,885	1,595 ~ 2,030	1,595 ~ 2,030
Impact Rate		bpm	750 ~ 1,200	600 ~ 1,000	550 ~ 950	550 ~ 950	500 ~ 900	400 ~ 850
Rod/Chisel	Dia.	mm	40	46	53	58	68	75
		inch	1.57	1.81	2.09	2.28	2.68	2.95
	Length	mm	450	500	580	600	690	750
		inch	17.72	19.69	22.83	23.62	27.17	29.53
Impact energy	General	kg f-m	17	27	37	52	78	95
		joule	166.6	264.6	362.6	509.6	764.4	931
Auto-Grease System			—	—	—	—	—	—

TOR 8H	TOR 10H	TOR 13H	TOR 18H	TOR 23H	TOR 26H	TOR 36H	TOR 42H	TOR 55H	TOR 70H
7.0 ~ 14	12~ 16	12 ~ 16	17 ~ 23	18 ~ 26	20 ~ 30	27~ 35	34 ~ 47	47 ~ 70	65 ~ 85
15,400 ~ 30,800	26,400 ~ 35,200	26,400 ~ 35,200	37,479 ~ 50,706	39,683 ~ 57,320	44,092 ~ 66,138	59,525 ~ 77,162	74,957 ~ 103,617	103,617 ~ 154,324	143,300 ~ 187,392
475	800	1,000	1,150	1,500	1,650	2,100	2,980	4,200	6,420
1,046.9	1,763.2	2,204	2,535.32	3,306	3,636.6	4,628.4	6,569.77	9,259.41	14,153.68
284	430	460	610	700	800	910	1,320	1,880	2,830
626	948	1,014.13	1,344.82	1,543.24	1,763	2,006.21	2,910.10	4,144.69	6,239
55 ~100	80 ~ 120	80 ~ 120	90 ~ 125	125 ~ 150	150 ~ 180	160 ~ 190	190 ~ 250	210 ~ 310	300 ~ 400
195	210	195	200	210	230	230	240	240	240
2,828	3,046	2,828	2,900.68	3,046	3,336	3,336	3,480.81	3,480.81	3,480.81
130 ~ 160	150 ~ 170	150 ~ 170	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 190	180 ~ 210
1,885 ~ 2,320	2,176 ~ 2,466	2,176 ~ 2,466	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,756	2,610 ~ 3,046
400 ~ 800	450 ~ 700	450 ~ 700	360 ~ 700	400 ~ 800	240 ~ 600	360 ~ 700	240 ~ 500	210 ~ 450	180 ~ 350
85	100	102	108	127	140	145	155	175	195
3.35	3.94	4.02	4.25	5.00	5.51	5.71	6.10	6.89	7.67
800	1,000	1,000	1,100	1,200	1,200	1,300	1,500	1,650	1,800
31.50	39.37	39.37	43.31	47.24	47.24	51.18	59.06	64.96	70.86
150	265	265	420	490	620	758	1,072	1,310	1,700
1,470	2,599	2,599	4,119	4,805	6,080	7,433	10,513	12,847	16,671
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Selections of **KB** Series

S-Type

Explanation for Model

■ S : Silence type for Excavator

- Applicable for the full range of earthmovers
- Adjustable blow speed to improve efficiency
- Oil flow adjustable to the wide range of carriers
- Better working convenience in small places
- Replaceable tool bushing
- Simple and efficient design
- Easier and faster maintenance
- Certified with Europe CE standard

Specification

Item / Model		Unit	KB 100S	KB 150S	KB 200S	KB 250S	KB 300S	KB 350S	KB 400S	KB 1000S	KB 1500S	KB 2000S	KB 3600S	KB 4200S
Selection of Machine		ton	0.5 ~ 1.5	0.8 ~ 3.0	1.2 ~ 4.0	3.0 ~ 5.0	3.5~7.0	5.0 ~ 9.0	7.0 ~ 14	12 ~ 16	13 ~ 18	18 ~ 26	27 ~ 35	34 ~ 47
		lbs	1,102 ~ 3,307	1,764 ~ 6,614	2,646 ~ 8,818	6,600~ 11,000	7,700 ~ 15,400	11,000 ~ 19,800	15,400 ~ 30,800	26,400 ~ 35,200	28,660 ~ 39,683	39,683 ~ 57,320	59,525 ~ 77,162	74,957 ~ 103,617
*Operating Weight (Mount Cap+TOOL)		kg	80	134	158	245	346	375	498	845	1,210	1,700	2,100	2,856
		lbs	176	295	348	540	763	827	1,098	1,863	2,668	3,748	4,630	6,296
Weight of Main Body		kg	50	60	77	165	178	188	284	430	500	710	930	1,290
		lbs	110	132	170	364	392	414	626	948	1,102	1,565	2,050	2,844
Required Oil Flow Rate		l/min	15 ~ 25	20 ~ 35	25 ~ 40	30 ~ 50	40 ~ 70	45 ~ 90	55 ~ 100	80 ~ 120	90 ~ 120	125 ~ 150	160 ~ 190	190 ~ 250
Setting Pressure (of Machine)		bar	90 ~ 130	150	150	160	170	170	195	210	210	210	230	240
		psi	1,305 ~ 1,885	2,176	2,176	2,321	2,466	2,466	2,828	3,046	3,046	3,046	3,336	3,481
Operating pressure (of Breaker / Hammer)		bar	90 ~ 120	90 ~ 120	90 ~ 120	100 ~ 130	110 ~ 140	110 ~ 140	130 ~ 160	150 ~ 170	150 ~ 170	160 ~ 180	160 ~ 180	170 ~ 190
		psi	1,305~ 1,740	1,305~ 1,740	1,305 ~ 1,740	1,450 ~ 1,885	1,595 ~ 2,030	1,595 ~ 2,030	1,885 ~ 2,320	2,176 ~ 2,466	2,176 ~ 2,466	2,320 ~ 2,610	2,320 ~ 2,610	2,466 ~ 2,756
Impact Rate		bpm	750 ~ 1,200	600 ~ 1,000	550 ~ 950	550 ~ 950	500 ~900	400 ~ 850	400 ~ 800	450 ~ 700	400 ~ 900	400 ~ 800	360 ~ 700	240 ~ 500
Rod/Chisel	Dia.	mm	40	46	53	58	68	75	85	100	120	135	150	155
		inch	1.57	1.81	2.09	2.28	2.68	2.95	3.35	3.94	4.72	5.31	5.91	6.10
	Length	mm	450	500	580	600	690	750	800	1,000	1,100	1,200	1,300	1,500
		inch	17.72	19.69	22.83	23.62	27.17	29.53	31.50	39.37	43.31	47.24	51.18	59.06
Impact Energy Class	General	kg f-m	16	25	35	50	75	90	140	265	280	430	625	1,040
		joule	157	245	343	490	735	883	1,373	2,599	2,746	4,217	6,129	10,199

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Selections of **KB** Series

V-Type

Explanation for Model

■ V : Vertical type for Excavator

- Applicable for the full range of earthmovers
- Adjustable blow speed to improve efficiency
- Oil flow adjustable to the wide range of carriers
- Better working convenience in small places
- Replaceable tool bushing
- Simple and efficient design
- Easier and faster maintenance
- Certified with Europe CE standard

Specification

Item / Model		Unit	KB 100V	KB 150V	KB 200V	KB 250V	KB 300V	KB 350V	KB 400V	KB 1000V	KB 1500V	KB 2000V	KB 3600V	KB 4200V	KB 5000V	KB 5500V
Selection of Machine		ton	0.5 ~ 1.5	0.8 ~ 3.0	1.2 ~ 4.0	3.0~ 5.0	3.5~7.0	5.0 ~ 9.0	7.0 ~ 14	12~ 16	13 ~ 18	18 ~ 26	27 ~ 35	34 ~ 47	40 ~ 55	47 ~ 70
		lbs	1,102 ~ 3,307	1,764 ~ 6,614	2,646 ~ 8,818	6,600~ 11,000	7,700 ~ 15,400	11,000 ~ 19,800	15,400 ~ 30,800	26,400 ~ 35,200	28,660 ~ 39,683	39,683 ~ 57,320	59,525 ~ 77,162	74,957 ~ 103,617	80,184 ~ 110,231	103,617 ~ 154,324
*Operating Weight (Mount Cap+TOOL)		kg	72	112	150	220	330	388	505	865	1,325	1,720	2,300	3,150	3,650	4,380
		lbs	159	247	331	485	728	855	1,113	1,907	2,921	3,792	5,071	6,945	8,047.00	9,656.24
Weight of Main Body		kg	50	60	77	165	178	188	284	430	500	710	930	1,290	1,295	1,880
		lbs	110	132	170	364	392	414	626	948	1,102	1,565	2,050	2,844	2,855.00	4,144.69
Required Oil Flow Rate		l/min	15 ~ 25	20 ~ 35	25 ~ 40	30 ~ 50	40 ~ 70	45 ~ 90	55~100	80 ~ 120	90 ~ 120	125 ~ 150	160 ~ 190	190 ~ 250	190 ~ 250	210 ~ 310
Setting Pressure (of Machine)		bar	90 ~ 130	150	150	160	170	170	195	210	210	210	230	240	250	240
		psi	1,305 ~ 1,885	2,176	2,176	2,321	2,466	2,466	2,828	3,046	3,046	3,046	3,336	3,481	3,626.00	3,480.81
Operating pressure (of Breaker / Hammer)		bar	90 ~ 120	90 ~ 120	90 ~ 120	100 ~ 130	110 ~ 140	110 ~ 140	130 ~ 160	150 ~ 170	150 ~ 170	160 ~ 180	160 ~ 180	170 ~ 190	170 ~ 195	160 ~ 190
		psi	1,305~ 1,740	1,305~ 1,740	1,305 ~ 1,740	1,450 ~ 1,885	1,595 ~ 2,030	1,595 ~ 2,030	1,885 ~ 2,320	2,176 ~ 2,466	2,176 ~ 2,466	2,320 ~ 2,610	2,320 ~ 2,610	2,466 ~ 2,756	2,465 ~ 2,828	2,320 ~ 2,756
Impact Rate		bpm	750 ~ 1,200	600 ~ 1,000	550 ~ 950	550 ~ 950	500 ~ 900	400 ~ 850	400 ~ 800	450 ~ 700	400 ~ 900	400 ~ 800	360 ~ 700	240 ~ 500	180 ~ 380	210 ~ 450
Rod/Chisel	Dia.	mm	40	46	53	58	68	75	85	100	120	135	150	155	160	175
		inch	1.57	1.81	2.09	2.28	2.68	2.95	3.35	3.94	4.72	5.31	5.91	6.10	6.29	6.89
	Length	mm	450	500	580	600	690	750	800	1,000	1,100	1,200	1,300	1,500	1,400	1,650
		inch	17.72	19.69	22.83	23.62	27.17	29.53	31.50	39.37	43.31	47.24	51.18	59.06	55.12	64.96
Impact Energy Class	General	kg f-m	16	25	35	50	75	90	140	265	280	430	625	1,040	1,193	1,310
		joule	157	245	343	490	735	883	1,373	2,599	2,746	4,217	6,129	10,199	11,698	12,847

Above specifications are subject to change without prior notice for quality improvement.

Selections of **KB** Series

H-Type

Explanation for Model

■ H : Horizontal type for Excavator

- Applicable for the full range of earthmovers
- Adjustable blow speed to improve efficiency
- Oil flow adjustable to the wide range of carriers
- Better working convenience in small places
- Replaceable tool bushing
- Simple and efficient design
- Easier and faster maintenance
- Certified with Europe CE standard

Specification

Item / Model		Unit	KB 100H	KB 150H	KB 200H	KB 250H	KB 300H	KB 350H	KB 400H	KB 1000H	KB 1500H	KB 2000H	KB 3600H	KB 4200H
Selection of Machine		ton	0.5 ~ 1.5	0.8 ~ 3.0	1.2 ~ 4.0	3.0~ 5.0	3.5 ~ 7.0	5.0 ~ 9.0	7.0 ~ 14	12~ 16	13 ~ 18	18 ~ 26	27 ~ 35	34 ~ 47
		lbs	1,102 ~ 3,307	1,764 ~ 6,614	2,646 ~ 8,818	6,600~ 11,000	7,700 ~ 15,400	11,000 ~ 19,800	15,400 ~ 30,800	26,400 ~ 35,200	28,660 ~ 39,683	39,683 ~ 57,320	59,525 ~ 77,162	74,957 ~ 103,617
*Operating Weight (Mount Cap+TOOL)		kg	80	134	158	245	346	375	498	845	1,210	1,700	2,100	2,856
		lbs	176	295	348	540	763	827	1,098	1,863	2,668	3,748	4,630	6,296
Weight of Main Body		kg	50	60	77	165	178	188	284	430	500	710	930	1,290
		lbs	110	132	170	364	392	414	626	948	1,102	1,565	2,050	2,844
Required Oil Flow Rate		l/min	15 ~ 25	20 ~ 35	25 ~ 40	30 ~ 50	40 ~ 70	45 ~ 90	55 ~100	80 ~ 120	90 ~ 120	125 ~ 150	160 ~ 190	190 ~ 250
Setting Pressure (of Machine)		bar	90 ~ 130	150	150	160	170	170	195	210	210	210	230	240
		psi	1,305 ~ 1,885	2,176	2,176	2,321	2,466	2,466	2,828	3,046	3,046	3,046	3,336	3,481
Operating pressure (of Breaker / Hammer)		bar	90 ~ 120	90 ~ 120	90 ~ 120	100 ~ 130	110 ~ 140	110 ~ 140	130 ~ 160	150 ~ 170	150 ~ 170	160 ~ 180	160 ~ 180	170 ~ 190
		psi	1,305~ 1,740	1,305~ 1,740	1,305 ~ 1,740	1,450 ~ 1,885	1,595 ~ 2,030	1,595 ~ 2,030	1,885 ~ 2,320	2,176 ~ 2,466	2,176 ~ 2,466	2,320 ~ 2,610	2,320 ~ 2,610	2,466 ~ 2,756
Impact Rate		bpm	750 ~ 1,200	600 ~ 1,000	550 ~ 950	550 ~ 950	500 ~ 900	400 ~ 850	400 ~ 800	450 ~ 700	400 ~ 900	400 ~ 800	360 ~ 700	240 ~ 500
Rod/Chisel	Dia.	mm	40	46	53	58	68	75	85	100	120	135	150	155
		inch	1.57	1.81	2.09	2.28	2.68	2.95	3.35	3.94	4.72	5.31	5.91	6.10
	Length	mm	450	500	580	600	690	750	800	1,000	1,100	1,200	1,300	1,500
		inch	17.72	19.69	22.83	23.62	27.17	29.53	31.50	39.37	43.31	47.24	51.18	59.06
Impact Energy Class	General	kg f-m	16	25	35	50	75	90	140	265	280	430	625	1,040
		joule	157	245	343	490	735	883	1,373	2,599	2,746	4,217	6,129	10,199

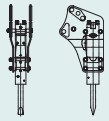
Above specifications are subject to change without prior notice for quality improvement.

Selections of **KB** Series

Backhoe Loader -Type

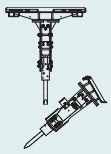
Explanation for Model

- SL : Silence type for Skid loader
- SD : Silence type for Dingo, Ramrod, mini loader
- SB : Silence type for Backhoe loader
- VL : Vertical type for Skid loader
- VD : Vertical type for Dingo, Ramrod, mini loader
- VB : Vertical type for Backhoe loader
- HB : Horizontal type for Backhoe loader



■ Backhoe type

- Backhoe type is designed for backhoe loader to avoid a collision when using the arm of backhoe loader.
- "According to various angles, there are 3 holes to fix it properly and to apply to variable standards."
- Backhoe type is improved for backhoe loader to meet customer requirement.



■ Skid loader type

- Applied to the special mounting cap of the exclusive skid loader.
- Skid loader type is improved for skid loader to operate it easily and to meet customer requirement.

▶ HB1F / HB1S TYPE :

- For Attachment on Backhoe Loader Type
- Three Pin Holes which are changeable if necessary
- required exact base machine dimension
- HB1F - fixed type,
  HB1S - separation type adjusted by SPACER (like as V type)

▶ HB2F / HB2S TYPE :

- For Attachment on Backhoe Loader Type
- when there is an interference caused by three Pin Holes and when it can be operated with one Pin Hole
- required exact base machine dimension

Specification : Specification below is without type. when you place an order please double check the type.

Item / Model		Unit	KB 100	KB 150	KB 200	KB 250	KB 300	KB 350	KB 400
Selection of Machine		ton	0.5 ~ 1.5	0.8 ~ 3.0	1.2 ~ 4.0	2.5 ~ 4.0	3.0 ~ 5.0	4.0 ~ 9.0	6.0 ~ 11.0
		lbs	1,102 ~ 3,307	1,76 ~ 6,614	2,646 ~ 8,818	5,512 ~ 8,818	6,614 ~ 11,023	8,818 ~ 19,842	13,228 ~ 24,251
Weight of Main Body		kg	50	60	77	165	178	188	284
		lbs	110.23	132.28	169.76	363.76	392.42	414.47	626.11
Required Oil Flow Rate		l/min	13 ~ 25	20 ~ 30	25 ~ 40	30 ~ 50	30 ~ 45	40 ~ 80	45 ~ 85
		gal/min(US)	3.43 ~ 6.60	5.28 ~ 7.93	6.60 ~ 10.57	7.93 ~ 13.21	7.93 ~ 11.89	10.57 ~ 21.13	11.89 ~ 22.45
Setting Pressure (of Machine)		bar	90 ~ 130	150	150	160	170	170	195
		Mpa	9 ~ 13	15	15	16	17	17	19.5
		psi	1,305.30 ~ 1,885.44	2,175.51	2,175.51	2,320.54	2,465.57	2,465.57	2,828.16
Operating pressure (of Breaker / Hammer)		bar	75 ~ 100	80 ~ 110	90 ~ 120	100 ~ 130	95 ~ 130	100 ~ 130	130 ~ 150
		Mpa	7.5 ~ 10	8 ~ 11	9 ~ 12	10 ~ 13	9.5 ~ 13	10 ~ 13	13 ~ 15
		psi	1,087.75 ~ 1,450.34	1,160.27 ~ 1,595.37	1,305.30 ~ 1,740.41	1,450.34 ~ 1,885.44	1,377.82 ~ 1,885.44	1,450.34 ~ 1,885.44	1,885.44 ~ 2,175.51
Impact Rate		bpm	800 ~ 1,200	600 ~ 1,000	550 ~ 950	500 ~ 950	500 ~ 900	450 ~ 950	400 ~ 800
Rod/Chisel	Dia.	mm	40	46	53	58	68	75	85
		inch	1.57	1.81	2.09	2.28	2.68	2.95	3.35
	Length	mm	450	500	580	600	690	750	800
		inch	17.72	19.69	22.83	23.62	27.17	29.53	31.50
Impact Energy Class	General	kg f-m	16	25	35	50	75	90	140
		joule	157	245	343	490	735	883	1,373

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Wider Carrier Range of Komac Hydraulic Breaker

(Operating Weight and Average Mounting Group)

	KB100 EXC	KB150 EXC	KB200 EXC	KB250 EXC	KB300 EXC	KB350 EXC	KB400 EXC	KB1000 EXC	KB1500 EXC
	0.5~1.5 ton	0.8~3 ton	1.2~4 ton	3 ~5 ton	3.5~7 ton	5 ~9 ton	7~14 ton	12~16 ton	13~18 ton
BOBCAT	443, 543, 625, 721, 753, 843, 440B, 520/530, 542/643, 620/700, 741/742/743, X 119, X 120	X 119, X 120, 440B, 443, 520/530, 543, 542/643, 620/700, 741/742/743, 721, 753, 625, 753 843	443, 543, 625, 721, 753, 843, 440B, 520/530, 542/643, 620/700, 741/742/743, 853H, X 119, X 120, X 123, X 125, X 220, X 225, X 231, X 320, X 325, X 331	X 231, X 325, X 331	X 231, X 331, X 335	X 238, X 335		X 2B, X 20T	
CASE	1818UNILD, CK08, CK1.3	CK 08, CK 1.3, 1835B UNILD, 1830 UNILD, 1818 UNILD	CK 08, CK 1.3, 1835B UNILD, 1830 UNILD, 1845B UNILD, 1818 UNILD			580 CK"B"/35, 580 CK/33, 680 CK"C"/35, 680 CK"C"/36	580 CK"B"/35, 680 CK"C"/35, 680 CK"C"/36	35YC, 35YC	35YC
CATERPILLAR						307, 414, 426, 428, 438	307, 414, 426, 428, 438	205, 206, 211, 212, 312, 205 B, 206 B, 212 B, M 315, 312, 206BFT, 212BFT, 312/311	205, 211, 214, 311, 312, 315, 317, 205 B, 206BFT, 211 B, 211LC, 212 B, 212BFT, M 315, M318
DOOSAN	DX27Z, DX27Z, SOLAR010, SOLAR015	SOLAR010, SOLAR015	SOLAR030, SOLAR035, DSL602	SOLAR030, SOLAR035,	DSL702, DSL802, DX55	SOLAR55, DSL902	SOLAR80	DX140W	SOLAR170
HITACHI	EX 12, EX 15, EX 8, UE 10, UE 15	UE 10, EX 12, EX 15, UE 15, EX 22, UE 20, EX 30, UE 30	EX 1100, EX 12, EX 15, EX 22, EX 25, EX 30, EX 35, EX 8, UE 10, UE 15, UE 20, UE 30, UE 40	EX 1100, EX 25, EX 30, EX 35	EX 1100, EX 35, EX 40, EX 45	EX 40, EX 45, EX 60, EX 60-2, EX 60-3, EX 60 HD, EX 60 WD	EX 100, EX 100-2, EX 100-3, EX 100 WD, EX 60, EX 60-2, EX 60-3, EX 60 HD, EX 60 WD, EX 90, EX 90 WD	EX 100, EX 100 / M-5, EX 100 / WD, EX 100 / WD-1, EX 100 WD, EX 100-2, EX 100-3, EX 100M, EX 120, EX 120 WD, EX 120-1, EX 120-2, EX 120-3, EX 120-5, EX 150, EX 150 / LC, EX 150 WD	EX 150, EX 150 LC, EX 150 WD, EX 150-1, EX 160 WD, UH 06D/062, WH 073D
HYUNDAI			HSL 600 (S/K)					R 120 W, R 130 LC, R 1300LC(W)-3	R 130 LC, R 1300LC(W)-3
JCB	801	801, 801-5, 803, Robot 150, 801-6	801, 802, 1 CX, 801-5, 803, Robot 150, 801-6, ROBOT 150, ROBOT 185	802, 1 CX, ROBOT 185	802, 2 CX, 2 CX 4, ROBOT 185	3 CX 4, 4 CX, 2 CX, 2 CX 4, 2 D, 3 C, 3 C/D, 3 CX, 3 CX 4, 3 D, 3 DB, 4 C, 3 DB 4, 3 DS-4, 4 C, JS 70	3 CX 4, 4 CX, 5 B, 2 D, 3 C, 3 C/D, 3 CX, 3 CX 4, 3 D, 3 DB, 4 C, 3 DB 4, 3 DS-4, 4 C, JS 70		6 B, 7, 806, 807, 812, 814, 6 C, 6(4-Zyld), 6(4-Zyld) CD, 7 B, 805B, 805B Turbo, 806B, 806C, JS 130, JS 130W, JS 150, JS 150 W, JS 160
JOHN-DEERE						JD 190 E, JD 410 /9505	JD 190 E, JD 290 D, JD 410 /9505	JD 290 D, JD 490 E, JD 495 D, JD 590 D, JD555, JD710B	JD 590 D, JD 690 B
KOBELCO	SK07, SK07-2, SK013	PC05, PC05-1, PC05-5, PC05-6, PC07-2, PC10-3, PC10-5, PC10-6, PC15-2, PC20-2, PC20-3, SK 013, SK 015, SK 07, SK015, SK025	SK015, SK025, SK030, SK035, SK07, SK007-2	SK 025, SK 030, SK 035	SK 030, SK 035, SK 045, SK 050	SK 045, SK 050, SK 60 III, SK 60 MARK 1	SK 100 III, SK 100 MARK 1, SK 60 III, SK 60 MARK 1		SK 150 III, SK 160 IV, SK 150/LC/MK3
KOMATSU	PC05, PC05-1 / 5, PC05-5, PC05-6		PC05, PC05-1, PC05-5, PC05-6, PC05-7, PC07, PC07-2, PC10-3, PC10-5, PC10-6, PC10-7, PC15-2, PC20-2 / 3	PC10-6, PC10-7, PC20-6, PC20-7, PC30-6, PC30-7	PC20-6, PC20-7, PC30-6, PC30-7, PC40-6, PC45-1	PC40-6, PC45-1, PC60-5, PC60L-5, PC60U-5, PC95, PW 60-5	PC60-5, PC60L-5, PC60U-5, PC95, PW 60-5, PW 95, PW 95-5	PC 100-2, PC 120-2, PC 120-5, PC 120-6, PC 150-3, PC 150-5, PC 150H-5, PC 150HD-3, PC 180L-5, PC 20 3 , PC 200-5, PC 50, PC 50 5	PC 120-5, PC 150-1, PC 150-3, PC 150-5, PC 150H-5, PC 150HD-3, PC 150HD-5, PC 180L-5, PC 200-5, PC 50, PC 50 5, PW 130, PW 130-6
LIEBHERE						A308	L506 / 507/ 508/509/ 512/514	A900, R900, A/R901, R308, A310, A312, A314	A/R902, A/R 900, R310, R312, A316
SUMITOMO		SH20JX, SH25JX, SH28J	SH20JX, SH25JX, SH28J, SH35J, SH35JX-2, S100, LS1000J			LS-1600 FJ		LS 2600 FJ2, LS 2600J, LS 2650 AJ, LS 2650 FJ2, LS 2650EJ/S 265E, S 250, S 260/S 40, S 260E, S 260LL, S 260SS, S 265, SH 100LC-2, SH 120-3, SH 135U-2	
VOLVO	EC15B	EC15B, EC14, EC20B	EC25, ECR28, ZL302C	EC30,EC35, ECR28	EC45	EC55,EW50, ECR58, L20B/25B/ 30B/35B/ 40B/45B	BL74,L50D, 612,616B	EC130,EW 130,EC140, EW145,EW 646,L60E, L70E	EC150,EW 150,EW160, L90E

KB2000 EXC	KB3600 EXC	KB4200 EXC	TOR13 EXC	TOR18 EXC	TOR23 EXC	TOR26 EXC	TOR36 EXC	TOR42 EXC	TOR55 EXC	TOR70 EXC
18~26 ton	27~35 ton	34~47 ton	12~16 ton	17~23 ton	18~26 ton	20~30 ton	27~35 ton	34~47 ton	47~70 ton	65~85 ton
			35YC							
219, 224, 225, 320, 322, 213 B, 214 B, 215 D, 219 D, 224 B, 225 A-C, 225 D, 225 B, 320 B-Stiel, 320 C-Stiel, 320L, M 318, 215, 215 BLC/SA		231, 235, 330, 231 D, 235 B, 235 BME, 235 C, 235 ME C, 235/235B/235C, 330 BL, AL, 330 C-Stiel, 330 D-Stiel, 330 E-Stiel, 330 L/LM, 330 ME, 330 ME E-Stiel	205, 206, 211, 212, 312, 205 B, 206 B, 212 B, M 315, 206BFT, 212BFT, 311	215, 219, 224, 317, 320, 213 B, 214 B, 215 BLC/SA, 215 C/LC, 215 D, 215 D/LC, 219 D, 219 LC, 224 B, 225 BLC, 320 B-Stiel, 320 C-Stiel, 320L, M318	224, 225, 320, 322, 213 B, 214 B, 215 BLC/SA, 215 C/LC, 215 D/LC, 219 D, 219 LC, 224 B, 225 A-C, 225 B, 225 BLC, 225 D, 320 B-Stiel, 320 C-Stiel	225, 322, 325, 225 A-C, 225 B, 320L, 325 C, 325 LR W/L, 325 ME D-Stiel, 225 BLC, 322 L/N/LN, 225 B, 225 D/LC, 325 L/LN, 325 BL, E240/240 B	229 A-C, 229 D, 325 C, 325 LR W/L, 325 L/LN, 229, 330 L/LM, 330 ME, 325 BL	231, 235, 330, 231 D, 235 C, 235 ME C, 235/235B/235C, 330 BL, AL, 330 C-Stiel, 330 D-Stiel, 330 E-Stiel, 330 ME E-Stiel, 330 L/LM, 330 ME, 235 BME, 235B	350, 245 B, 245 B ME, 245 B.D, 245 ME A, 245/CODE 61(141847), 315L, 350 F-Stiel, 350 ME, 350 ME/LME/L, 245	375, 245 B ME, 245 ME A, 375 H-Stiel, 375 J-Stiel, 375 ME/LME/L
DX210W, DX200LC	DX300LC, SOLAR300 LC	DX350LC, DC380LC, DX420LC	DX140W	SOLAR170	DX210W, DX220LC	DH280, S280LC-III, S290LC-V, S280	DX300LC, SOLAR300LC	DX350LC, DC380LC, DX420LC	DX480LC	
EX 200, EX 200-2, EX 200-3, EX 200-3, EX 220, EX 220-2, EX 220-3, EX 220-1, EX 200 / LC, UH 073, UH 081 / LC, UH 09, UH 103 / LC, UH 081 / LC, UH 083 / LC, UH 09, UH 10	EX 160 HD, EX 300, EX 300-2, EX 300-3, EX 3500, EX 270 SEE A , UH 121 / LC, UH 143 / LC, EX 300 / LC, UH 14 / 142	EX 400, EX 400-1, UH 14 / 142, UH 170 / LC, UH 181, UH 171LC, EX 400 / LC, UH 181	EX 100, EX 100 / M-5, EX 100 / WD, EX 100 / WD-1, EX 100-2, EX 100-3, EX 100-3, EX 100M, EX 120, EX 120 WD, EX 120-1, EX 120-2, EX 120-3, EX 120-5, EX 150	EX 200, EX 200-2, EX 200-3, EX 200-3, EX 220, EX 220-2, EX 220-3, EX 220-1, EX 200 / LC, UH 073, UH 081 / LC, UH 09, UH 06D/062, UH 083 / LC, UH 09	EX 200, EX 200-2, EX 200-3, EX 200-3, EX 220, EX 220-2, EX 220-3, EX 220-1, EX 200 / LC, UH 073, UH 081 / LC, UH 09, UH 103 / LC, UH 083 / LC, UH 09, UH 10	EX 160 HD, EX 220, EX 220-2, EX 220-3, EX 270, EX 270-3, EX 300, EX 300-2, EX 300-3, EX 220-1, EX 270 SEE A, UH 09, UH 103 / LC, EX 270 / LC, UH 123, UH 121 / LC,	EX 160 HD, EX 300, EX 300-2, EX 300-3, EX 3500, EX 270 SEE A , UH 121 / LC, UH 143 / LC, EX 300 LC, UH 14 / 142	EX 400, EX 400-1, UH 14 / 142, UH 170 / LC, UH 181, UH 171LC, EX 400 / LC, UH 181	EX 550, EX 700, UH 20, EX7 00 / H, BE, UH 120	EX 1800-2, EX 700, EX 700 / H, BE, UH 30
R200W-2/200W , R180LC-3, R200LC/210LC, R210LC-3, R 200W-2/200W , R 2000W/LC, R 180LC-3, R 200LC/210LC, R 210LC-3, R 2200LC-3, R 250LC-3	R320LC-3, R 290LC, R 290LC-3, R 320LC-3	R360LC-3, R420/450LC-3, R 3600LC-3, R 360LC-3, R 420/450LC-3	R 120 W, R 130 LC, R 1300LC(W)-3	R 200W-2/200W , R 180LC-3, R 200LC/210LC, R 210LC-3, R 2000W/LC	R 200W-2/200W , R 180LC-3, R 200LC/210LC, R 210LC-3, R 2000W/LC, R 250LC-3	R 280, R 250LC-3, R 290LC, R 290LC-3	R320LC-3, R 290LC, R 290LC-3, R 320LC-3	R 3600LC-3, R 360LC-3, R 420/450LC-3		
808, 817, 7B / 7C, 8 B, 807B, 807C, 8C / 8D, JS 180, JS 200, JS 210, JS 220, JS 240, JS240 / 260	JS 300	JS 450	7, 805, 806, 811, 812, 814, 5 B, 5 C / 5W, 6 B, 6 C, 6(4-Zyld), 805B, 805B Turbo, 806B, 806C, JS 110, JS 130, JS 130 W, JS 150 W	JS 200, 807, 817, JS 180, 807B, 7B / 7C, 807C, JS 210	8 B, JS 200, JS 240, 817, JS 180, 807B, 7B / 7C, 807C, JS 210, 8C / 8D, 808, JS240 / 260	8 B, JS 240, 8C / 8D, 808, JS240 / 260	JS 300	JS 450		
JD 690 D, JD 690 E, JD 790 E, JD 690 B, JD 54	JD 892 E, JD 792, JD 892D	JD 890, JD 990, JD 992 D	JD 290 D, JD 490 E, JD 495 D, JD 590 D, JD555, JD710B	JD 690 B, JD 690 D, JD 690 E, JD 54	JD 690 D, JD 690 E, JD 790 E, JD 54	JD 790 E, JD 792	JD 892 E, JD 792, JD 892D	JD 890, JD 990, JD 992 D		
K907D/ DL, K909A / LC, SK 200 III, SK 200 LC, SK 200 LC MARK III, SK 200 MARK 1, SK 200 MARK III, SK 200-4, SK 200-LC MK 4, SK 210 IV, SK 220 III MARK 1	SK 300, SK 300 II MARK 1, SK 300 III MARK 1, SK 330 IV, SK300/LC/MK3	SK 400, SK 400 LC, SK 460 IV, K914, SK400/LC/MK3	SK 100 III, SK 100 MARK 1, SK 110 IV, SK 120 III, SK 120 MARK 1, SK 130 IV, SK 150 III, SK 100 MARK3, SK 100W, SK 120/LC/MK3, SK 150/LC/MK3, K904		SK 200-4, SK 200-LC MK 4, SK 200 III, SK 200 LC, SK 200 LC MARK III , SK 200 MARK 1, SK 200 MARK III, SK 210 IV, SK 220 MK III, SK 220 III MARK 1, SK 220 LC	SK 220 LC, SK 220 MARK 1, SK 250 IV, SK 300, SK 300 II MARK 1, K909A / LC	SK 300, SK 300 II MARK 1, SK 300 III MARK 1, SK 330 IV, SK 300/LC/MK3	SK 400, SK 400 LC, SK 460 IV, K914, SK400/LC/MK3	SK 600	
PC 180-3, PC 180-5, PC 200 LC, PC 200 LC 3, PC 200 LC 5, PC 200 LC 6, PC 200-1, PC 200-2, PC 200-3, PC 200-5, PC 200-6, PC 210-3, PC 210-5	PC250LC-6, PC280-3, PC280-5, PC300, PC300-1, PC300-2, PC300-3, PC300-5, PC300-6, PC300L-5, PC300LC 3 , PC300LC-5, PC300LC-6	PC360-5, PC400-5, PC400 LC-5, PC400 LC-6, PC360-3, PC400-1, PC400-3, PC360-5, PC400-5	PC120-6, PC150-5, PC150H-5, PC180L-5, PC20 3 , PC 50, PC 50 5, PW 130-6, PW 95, PW 95-5, PW 100-3, PC 100-2, PC 120-2	SK 200-4, K907D/ DL, PC180-3, PC180-5, PC200 LC, PC200 LC 5 , PC200 LC-3, PC200 LC-6, PC200-1/-2/-3/-5/-6, PC210-3/-5/-6, PC220-1/-5, PW 170-5	PC180-5, PC200-5, PC200-6, PC200 LC 5 , PC210-5, PC210-6, PC220-5, PC240-5, PC240-6, PC280-6, PC200LC, PC220 LC 3 , PC180-3	PC220-5, PC240-5, PC240-6, PC250LC-6, PC260-6, PC280-5, PC220 LC 3 , PC220-2, PC220-3, PC280-3, PC300-1, PC210LC-6, PC220-1	PC250LC-6, PC280-5, PC300-3, PC300-5, PC300L-5, PC300LC-6, PC300-6 , PC300LC 3 , PC280-3, PC300-1, PC300-2, PC300	PC360-5, PC400-5, PC400 LC-5, PC400 LC-6, PC360-3, PC400-1, PC400-3, PC360-5, PC400-5	PC 550-5, PC 650-5, PC 650-1, PC 650-3	PC 650-5, PC 650-1, PC 650-3
A/R904, A/R912, A/R914, A/R921, A/R922, A924, A/R932, R941		R944, R952, R954, R961, R962	A900, R900, A/R901, R308, A310, A312, A314	A900, R900, A/R901, R308, A310, A312, A314	A/R904, A/R912, A/R914, A/R921, A/R922, A924, A/R932, R941	R922 Litronic, R932, R932 Litronic, R902HD-K, A/R932, R941, R941B	A/R942LIT, A/R934, R924 R932LIT	R944, R952, R954 R961, R962	A944, R962LIT, R964, R974	R972, R 974 Litronic
LS 2800 FL2, LS 3400AJ / S340, LS 3400EJ / S340E, LS 3400J / S90, LS2800CJ, LS2800DJ / S280, LS-3400 FJ2, S 280 / S70, S 280 E, S 340, S 9211 R, S 9411 R	S400, LS3900S/S400, S100, LS4300EJ, LS4300EJ/S430E, SH300-2B, SH350HD-2B	LS-5800 FJ2, LS5800J/S580, SH400-2B, SH450HD-2B	LS 2600 FJ2, LS 2650 FJ2, S 250, S 260/S 40, LS 2600J, S 260E, SH 120-3, S 260LL, S 260SS, S 265, LS 2650 AJ, LS 2650EJ/S 265E, SH 135U-2, SH 100LC-2	LS 2800 FL2, LS 3400EJ / S340E, LS2800CJ, LS2800DJ / S280, S 280 / S70, S 280 E, SH 200 HD-2, SH 200 LC-2, SH 200-3, SH 215 X, SH 220-3	LS-3400 FJ2, LS 2800 FL2, SH 200-3, S 280 / S70, LS 2800CJ, LS 2800DJ / S280, S 280 E, SH 200 LC-2, SH 200 HD-2, SH 215 X, SH 220-3, S 340, LS 3400J / S90	LS 3400 FJ2, SH 220-3, S 340, LS 3400J / S90, SH 220LC-2, LS 3400AJ / S340, LS 3400EJ / S340E, LS 3900J/S100, S 400, LS 3900S/S400, S 100	S 400, LS 3900S/S400, S 100, LS 4300EJ, LS 4300EJ/S430E, SH 300-2B, SH 350HD-2B	LS-5800 FJ2, LS5800J/S580, SH400-2B, SH450HD-2B		S740, LS7400A
EC200,EC 210,EC230, EC240,EW 230	EC280, EC290, EC300,	EC360,EC 390,EC420, EC450, EC460	EC130,EW130, EC140,EW145, EW646, L60E,L70E	EC150,EW150, EW160,L90E	EC200,EC210, EC230,EC240, EW230	EC240	EC280,EC290 EC300	EC360,EC390, EC420,EC450, EC460	EC620,EC650	

« Multi Crusher »

- Replaceable jaw for multiple usage
- Cutting steel structure and pieces based on the strong power with efficient performance.
- Equipped the strongest level of dual cylinder to perform efficiency.
- Highest stability and durability with light weight.

Item / Model		Unit	TRIS22CHR-Ⅱ	TRIS22PHR-Ⅱ	TRIS30CHR-Ⅱ	TRIS30PHR-Ⅱ
Weight		kgf	1,680	1,760	2,630	2,800
		lb	3,704	3,880	5,798	6,173
Overall Length		mm	2,128	2,024	2,418	2,631
		inch	83.78	79.8	95.2	103.58
Overall Width		mm	1,354	1,542	1,773	1,869
		inch	53.31	60.71	69.80	73.58
Max. Opening Width		mm	886	890	1,163	968
		inch	34.88	35.04	45.79	38.11
Cutter Length		mm	180	180	200	200
		inch	7.09	7.09	7.87	7.87
Crushing Force	A	ton	57	51	93	91
	B	ton	85	61	135	140
	C	ton	—	87	—	110
	D	ton	—	95	—	171
Cutting Force		ton	183	183	317	317
Operating Pressure		kgf/cm²	300	300	320	320
		psi	4,226	4,226	4,550	4,550
Oil Flow Rate		LPM	200 ~ 250	200 ~ 250	250 ~ 300	250 ~ 300
		GPM	52.8 ~ 66.1	52.8 ~ 66.1	66.1 ~ 79.2	66.1 ~ 79.2
Sutiable Excavator		ton	18 ~ 26	18 ~ 26	26 ~ 32	26 ~ 32
Speed-Up Valve		N/A	Option	Option	Option	Option
Motor Setting Pressure		kgf/cm²	160	160	160	160
		psi	2,275	2,275	2,275	2,275
Motor Oil Flow Rate		LPM	36 ~ 40	36 ~ 40	36 ~ 40	36 ~ 40
		GPM	9.5 ~ 10.5	9.5 ~ 10.5	9.5 ~ 10.5	9.5 ~ 10.5
Revolving Speed		RPM	13 ~ 15	13 ~ 15	13 ~ 15	13 ~ 15

Above specifications are subject to change without prior notice for quality improvement.

« Mini Crusher »

- Refurbishment work for concrete buildings
  - The old building, that keeps strong foundation, needs to be changed the new layout or equipments.
  - To raise value of building with lower cost is retaining internal structure rather than reconstruction in the metropolis.
- New building needs to be changed is design.
- Refurbishment in old city
  - In order to keep beautiful outside sight and view in old city, permitted only the inside partially demolition.
  - In this case, mini crusher is the most powerful attachment not generating vibration.
- In order to change the layout of a building under construction.

Item / Model		Unit	TRIS1M	TRIS2M	TRIS3M	TRIS5M
Weight		kgf	105	180	330	400
		lb	231	397	728	882
Overall Length		mm	890	1,110	1,305	1,410
		inch	35	44	51	56
Overall Width		mm	570	688	726	840
		inch	22	27	29	33
Cylinder	Bore dia.	mm	125	135	165	165
		inch	4.9	5.3	6.5	6.5
	Rod dia.	mm	90	100	120	120
		inch	3.5	3.9	4.7	4.7
	Stroke	mm	175	205	220	260
		inch	6.9	8.1	8.7	10.2
	Min length	mm	410	480	490	530
		inch	16.1	18.9	19.3	20.9
	Max length	mm	585	685	710	790
		inch	23	27	28	31.1
Operating pressure		kgf/cm²	210	210	210	210
		psi	2,987	2,987	2,987	2,987
Force at the cutter		kgf	58,100	61,900	83,600	99,400
		lb	128,087	136,464	184,304	219,136
Force at the 1st jaw tip		kgf	30,000	32,200	39,500	48,200
		lb	66,138	70,988	87,081	106,261
Force at the end of jaw tip		kgf	19,900	21,300	27,900	31,500
		lb	43,871	46,958	61,508	69,445
Opening width of jaw tip		mm	280	360	430	530
		inch	11	14	17	21
Suitable excavator		ton	0.8 ~ 2	1.5 ~ 3	2.5 ~ 5	4 ~ 6
		lb	1,764 ~ 4,409	3,307 ~ 6,614	5,511 ~ 11,023	8,818 ~ 13,228
Pin dia.	Cyl + jaw	mm	45	50	60	60
		inch	1.8	2.0	2.4	2.4
	Jaw + frame	mm	55	60	70	70
		inch	2.2	2.4	2.8	2.8
Jaw plate	Depth	mm	30	30	45	50
		inch	1.2	1.2	1.8	2.0
	Material	N/A	HARDOX 500			
Swivel joint		N/A	Yes			
Rotating angle		deg	360° (free rotating)			
Synchronizing linkage		N/A	Yes			
Power booster		N/A	No			

Above specifications are subject to change without prior notice for quality improvement.

Hydraulic Pulverizer

- Reinforcement of anti-twisted cutter and anti-break cutter body.
- Improvement of several problems from other pulverizer, such as powerful motor, light weight center jaw and reinforce cylinder.
- Cutter with convenience for tighten and loosen bolts and nuts to repair and replace easily.

Item / Model		Unit	TRIS22PHR	TRIS30PHR
Weight		kgf	2,000	2,600
Overall Length		mm	2,386	2,627
Overall Width		mm	1,367	1,443
Max. Opening Width		mm	886	957
Cutter Length		mm	200	300
Crushing Force	A	ton	53	73
	B	ton	72	102
	C	ton	97	134
	D	ton	145	201
Cutting Force		ton	165	229
Operating Pressure		kgf/cm²	300	320
Oil Flow Rate		LPM	200 ~ 250	250 ~ 300
Sutiable Excavator		ton	18 ~ 26	26 ~ 32
Speed-Up Value		N/A	Option	Option
Motor Setting Pressure		kgf/cm²	160	160
Motor Oil Flow Rate		LPM	36 ~ 40	36 ~ 40
Revolving Speed		RPM	13 ~ 15	13 ~ 15

Above specifications are subject to change without prior notice for quality improvement.

Fixed type Pulverizer

- Cutting steel structure and pieces based on the strong power with efficient performance.
- Equipped the strongest level of cylinder to perform efficiency.
- Highest stability and durability in this model with light weight.

Item / Model		Unit	TRIS22P	TRIS30P
Weight		kgf	1,800	2,350
Overall Length		mm	1,836	1,981
Overall Width		mm	1,430	1,541
Arm Width		mm	320	380
Max. Opening Width		mm	850	920
Cutter Length		ton	200	300
Crushing Force	A	ton	108	123
	B	ton	150	171
	C	ton	178	199
	D	ton	220	239
Cutting Force		ton	270	286
Operating Pressure		kgf/cm²	300	320
Oil Flow Rate		LPM	200 ~ 250	250 ~ 300
Sutiable Excavator		ton	18 ~ 26	26 ~ 32
Speed-Up Valve		N/A	Option	Option

Above specifications are subject to change without prior notice for quality improvement.

Demolition

- Cutting steel structure and pieces based on the strong power with efficient performance.
- Equipped the strongest level of cylinder to perform efficiency.
- Highest stability and durability with light weight.

Item / Model		Unit	TRIS22DHR	TRIS30DHR
Weight		kbf	2,000	2,630
Overall Length		mm	2,321	2,529
Overall Width		mm	1,354	1,213
Max, Opening Width		mm	645	731
Cutter Length		mm	400	500
Crushing Force & Cutting Force	A	ton	61	82
	B	ton	172	134
	C	ton	256	229
Operating Pressure		kgf/cm²	300	320
Oil Flow Rate		LPM	200 ~ 250	250 ~ 300
Sutiable Excavator		ton	18 ~ 26	26 ~ 32
Speed-Up Valve		N/A	Option	Option
Motor Setting Pressure		kgf/cm²	160	160
Motor Oil Flow Rate		LPM	30 ~ 40	30 ~ 40
Revolving Speed		RPM	13 ~ 15	13 ~ 15

Above specifications are subject to change without prior notice for quality improvement.

《 Shear 》

- Auto hydraulic free rotation device, high quality dual cylinder, specialized in demolition for steel frame construction (H beam, rolled steel column)
- Multiple usage from changing jaws.
- The Shear specialized in cutting metal with highest stability and durability with light weight.

Item / Model		Unit	TRIS22SHR	TRIS30SHR	TRIS22SHR-II	TRIS30SHR-II
Weight		kgf	2,000	2,450	1,760	2,800
		lb	4,409	5,401	3,880	6,173
Overall Length		mm	1,995	2,386	2,072	2,434
		inch	78.54	99.94	81.57	95.83
Overall Width		mm	1,071	1,214	1,294	1,585
		inch	42.17	47.79	50.94	62.40
Max. Opening Width		mm	507	580	522	603
		inch	19.96	22.83	20.55	23.74
Cutter Length		mm	500	600	120 x 4ea	120 x 5ea
		inch	19.69	23.62	4.72 x 4ea	4.72 x 5ea
Cutting Force	A	ton	172	256	73	129
	B	ton	172	256	94	157
	C	ton	172	256	127	197
	D	ton	172	256	200	259
	E	ton	172	256		385
Operating pressure		kgf/cm²	300	320	300	320
		psi	4,226	4,550	4,226	4,550
Oil Flow Rate		LPM	200 ~ 250	250 ~ 300	200 ~ 250	250 ~ 300
		GPM	52.8 ~ 66.1	66.1 ~ 79.2	52.8 ~ 66.1	66.1 ~ 79.2
Sutiable Excavator		ton	18 ~ 26	26 ~ 32	18 ~ 26	26 ~ 32
Speed-Up Valve		N/A	Option	Option	Option	Option
Motor Setting Pressure		kgf/cm²	160	160	160	160
		psi	2,275	2,275	2,275	2,275
Motor Oil Flow Rate		LPM	36 ~ 40	36 ~ 40	36 ~ 40	36 ~ 40
		GPM	9.5 ~ 10.5	9.5 ~ 10.5	9.5 ~ 10.5	9.5 ~ 10.5
Revolving Speed		RPM	13 ~ 15	13 ~ 15	13 ~ 15	13 ~ 15

Above specifications are subject to change without prior notice for quality improvement.

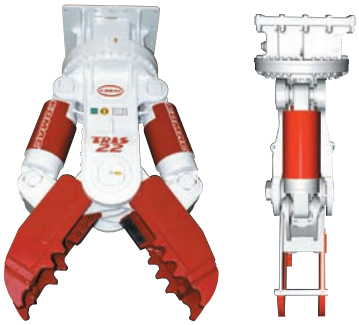
《 Mini Shear 》

- **High strength materials of jaws :**
  - Arms of Shear are made with the HARDOX 500 (made by SSAB), which are one of the world's hardest wear plate, for the durability and abrasion resistance of Mini Shear.
- **Pin with large diameter :**
  - Pins with large diameter provide well stress distribution.
  - Pins made with high toughness materials, its surfaces are coated with chrome for abrasion resistance.
- **High quality cylinder :**
  - Cylinder is designed for 350bar, and assembled by high quality seals for durability, its surfaces are coated with chrome for abrasion resistance.

Item / Model		Unit	TRIS2S	TRIS3S	TRIS5S	TRIS5SHR
Weight		kgf	190	260	430	500
		lb	419	573	948	1,102
Overall Length		mm	1,085	1,186	1,412	1,456
		inch	43	47	56	57
Overall Width		mm	478	576	665	665
		inch	19	23	26	26
Operating pressure		kgf/cm²	210	210	210	210
		psi	2,987	2,987	2,987	2,987
Max Force		ton	65	111	152	152
		US ton	72	122	167	167
Opening width of jaw tip		mm	200	231	288	288
		inch	8	9	11	11
Suitable excavator		ton	1.2 ~ 3.8	2 ~ 5.7	4 ~ 8	4 ~ 8
		US ton	1.3 ~ 4.2	2.2 ~ 6.3	4.4 ~ 8.8	4.4 ~ 8.8
Jaw plate	Thickness	mm	40	40	50	50
		inch	1.6	1.6	2.0	2.0
	Material	N/A	HARDOX 500			
Swivel joint		N/A	Yes			
Rotating angle		deg	360° (free rotating)			360° (Hydraulic rotating)
Power booster		N/A	No			

Above specifications are subject to change without prior notice for quality improvement.

« TRIS 22 »



- Dual cylinders - Equipped with dual cylinders which provide jaw exchange.
- Single main-pin - Easy and simple to detach and storage.
- Multi-use (3 Jaws for 1 body) - Multi shapes of the jaws in one body.
- Enhanced durability - Declining tool breakdown and wearing with welded tool, benefit from fine steel.
- Superior design - Single pin offers narrow grab width, enabling multi-purpose.
- Handy maintenance - Designed for convenient maintenance by detaching jaw,
- which allows easy to enter.
- Enhanced durability.
- Lower noise.

Item / Model		Unit	TRIS 22
Weight		kgf	2,000
		lb	4,409
Overall Length		mm	2,260
		inch	88.98
Overall Width		mm	1,150
		inch	45.28
Opening Width		mm	400
		inch	15.75
Max. jaw open Width		mm	860
		inch	33.86
Cutter Length		mm	190
		inch	7.48
Cylinder		ea	2
Cutting force		ton	290
		lbs	639
Oil Flow		l/min	200
Operate Pressure		bar	320
		psi	4,641
Rotation	Oil flow	l/min	38~90
		gal/min	10.0 ~ 23.8
	Operate Pressure	bar	70 ~ 175
		psi	15.4 ~ 38.5
	Rotation ratio	N/A	4.7 : 1
Hose	Main line	inch	1"ORFS#16
	rotating line	inch	1/2"BSP
Sutiable Excavator		ton	20 ~ 28

Model	Unit	A	B	C	D	E	F	G	H
TRIS 22	mm	2,680	860	295	720	456	400	700	680
	inch	105.51	33.86	11.61	28.35	17.95	15.75	27.56	26.77

Above specifications are subject to change without prior notice for quality improvement.

« Quick Coupler »

- **FULL AUTOMATIC SAFETY SYSTEM**
  - A revolutionary technology of battery-powered switching system controls the switch, release or lock, at the safety pin from excavator power line not by its hydraulic line (patented).
    When electric power disconnected, it automatically switches to manual operation.
- **ALL IN ONE**
  1. **One Body Design :** No welding between Middle and Bottom Plate provides evenly distributed stress points, increasing durability 10 times more than the couplers with welded parts.
  2. **Versatility :** Offering the most versatility ever, it enables you to use one coupler for multiple brands of attachment within the same excavator weight class.

Item / Model	Unit	KMQ 20H/P	KMQ 30H/P	KMQ 60H/P	KMQ 80H/P	KMQ 100P	KMQ 140P	KMQ 170P	KMQ 200P
Length	mm	306 ~ 475	534 ~ 545	765	924 ~ 944	983 ~ 1,050	1,006 ~ 1,173	1,226	1,285
Height	mm	230 ~ 268	307	388	492	574	558 ~ 610	612	662
Width	mm	175 ~ 242	258 ~ 263	353 ~ 436	449 ~ 483	543 ~ 568	606 ~ 663	630 ~ 667	680 ~ 710
Conclusion Width	mm	86 ~185	155 ~ 170	232 ~ 315	306 ~ 340	375 ~ 411	416 ~ 469	407 ~ 437	467 ~ 507
Conclusion Extent	mm	90 ~ 140	208 ~ 318	340 ~ 486	256 ~ 390	413 ~ 590	520 ~ 590	540 ~ 575	570 ~ 630
Top and Bottom distance that decrease	mm	159 ~ 165	150	220	275	300	360	367	400
Pin Diameter	Ø	25 ~ 40	45 ~ 50	50 ~ 70	70 ~ 80	80 ~ 90	90 ~120	100 ~ 110	110 ~ 120
Weight	kg	30	50 ~ 60	120 ~ 130	280 ~ 290	420 ~ 430	450 ~ 580	755	890
Working Pressure	kgf/cm²	40 ~ 380	40 ~ 380	40 ~ 380	40 ~ 380	40 ~ 380	40 ~ 380	40 ~ 380	40 ~ 380
Necessity Flux	l/min	10 ~ 20	10 ~ 20	10 ~ 20	10 ~ 20	10 ~ 20	10 ~ 20	10 ~ 20	10 ~ 20
Suitable Excavator	ton	~ 3	4 ~ 9	9 ~ 16	18 ~ 26	27 ~ 30	34 ~ 40	43 ~ 50	55 ~ 65

Above specifications are subject to change without prior notice for quality improvement.

《 Compactor 》

- KOMAC Compactor has high frequency vibration with high impact power to make quick work of any compaction task.
- We offered line of mounted compactor ranging in centrifugal force from 3,000kg ~ 14,000kg.
- KOMAC vibrating compactor with service life, performance, and versatility fills many construction fields.
- They allow you to maximize the use of backhoe & excavators while substantially increasing your production over other methods.

Division	Unit	KMC9			KMC13			KMC22			KMC35		
		Rotate Type	Plate Type	Pin Type	Rotate Type	Plate Type	Pin Type	Rotate Type	Plate Type	Pin Type	Rotate Type	Plate Type	Pin Type
Impulse force	kgf	3,900			4,600			16,093			15,400		
	lb	8,598			10,141			6,614			33,951		
Cycle per min	cpm	Max. 2,200			Max. 2,200			Max. 2,200			Max. 2,200		
Relief pressure	bar	100 ~ 130			100 ~ 130			100 ~ 130			100 ~ 130		
	Mpa	10 ~ 13			10 ~ 13			10 ~ 13			10 ~ 13		
	psi	1,450 ~ 1885			1,450 ~ 1885			1,450 ~ 1885			1,450 ~ 1885		
Oil flow (Max)	l/min	110			140			180			220		
	g/min	29			37			47.5			58		
Dimensions Base plat	mm	720 X 672			800 X 750			900 X 840			1,260 X 1,170		
	inch	28.34 X 26.45			31.49 X 29.52			35.43 X 33.07			49.60 X 46.06		
Weight	kgf	560	500	520	700	600	620	950	900	920	1,330	1,260	1,290
	lb	1,235	1,102	1,146	1,543	1,323	1,366	2,094	1,984	2,028	2,932	2,778	2,844
Base Machine	ton	4 ~ 9			9 ~ 18			20 ~ 30			30 ~		
Length	mm	939			1,040			1,172			1,638		
	inch	36.96			40.94			46.14			64.48		
Width	mm	672			750			840			1,170		
	inch	26.45			29.52			33.07			46.06		
Height	mm	681	630	787	686	680	826	736	754	980	1,003	1,040	1,314
	inch	26.81	24.80	30.98	27.00	26.77	32.5	28.97	29.68	38.58	39.48	40.94	51.73

Above specifications are subject to change without prior notice for quality improvement.

《 Stone Grab 》

Item / Model	Unit	ST600	ST800	ST1000	ST1500
Capacity	liter	600	800	1,000	1,500
Weight	kgf	1,325	1,526	1,804	2,100
Inside operate length	mm	1,329	1,440	1,760	2,057
Outside operate length	mm	121	130	140	145
Operate width A	mm	520	520	572	650
Operate width B	mm	900	900	1,004	1,100
Inside operate height	mm	833	1,050	1,150	1,300
Outside operate height	mm	777	1,041	1,189	1,320
Suitable Excavator	ton	12 ~ 18	18 ~ 25	28 ~ 35	36 ~ 42

Above specifications are subject to change without prior notice for quality improvement.

- Design for minimum height can load or unload objects to high place
- Main frames are made by Hardox for the longer life time
- Use for carrying industrial waste
- Use for loading and unloading rocks

- Pipe Setting Pressure :
  Close Pressure : 250kg/cm^2 / Open Pressure : 250kg/cm^2
- Rotator Pressure : 100 ~ 140kg/cm^2
- Motor Drain Pipe Setting :
  Setting : R.P. 140kg/cm^2 / Non-Setting : R.P. 100kg/cm^2

« Scrap Grab »

A-Type

Specification - A-Type

Item / Model	Unit	SSA600	SSA800	SSA1000	SSA1500
Capacity	liter	600	800	1,000	1,500
Weight	kgf	1,200	1,560	1,800	2,200
Inside operate length	mm	1,774	1,945	2,178	2,513
Outside operate length	mm	928	961	1,198	1,376
Inside operate height	mm	1,304	1,392	1,600	1,793
Outside operate height	mm	1,535	1,647	1,863	2,081
Suitable Excavator	ton	12~18	18 ~ 25	28 ~ 35	36 ~ 42

Above specifications are subject to change without prior notice for quality improvement.

B-Type

Specification - B-Type

Item / Model	Unit	SSb600	SSb800	SSb1000	SSb1500	SSb2000
Capacity	liter	600	800	1,000	1,500	2,000
Weight	kgf	1,050	1,300	1,500	1,800	2,100
Inside operate length	mm	1,859	1,939	2,013	2,403	2,699
Outside operate length	mm	849	969	1,192	1,315	1,705
Inside operate height	mm	1,550	1,674	1,969	2,107	2,673
Outside operate height	mm	1,850	1,970	2,203	2,381	2,939
Suitable Excavator	ton	12 ~ 18	18 ~ 25	28 ~ 35	36 ~ 42	43 ~ 47

Above specifications are subject to change without prior notice for quality improvement.

- Design for minimum height can load or unload objects to high place.
- Main frames are made by HARDOX for longer life time.
- Teeth are replaceable.
- It can be loading or unloading much scrap iron and waste paper.
- Hydraulic free rotation (option)
- Protection device of cylinder rod
- Change bushing
- Pipe Setting Pressure :
  Close Pressure : 250kg/cm^2 / Open Pressure : 250kg/cm^2
- Rotator Pressure : 100 ~ 140kg/cm^2
- Motor Drain Pipe Setting :
  Setting : R.P. 140kg/cm^2 / Non-Setting : R.P. 100kg/cm^2

« Wood Grab »

Item / Model	Unit	SW300	SW600	SW800	SW1000	SW1500	SW2000
Capacity	liter	300	600	800	1,000	1,500	2,000
Weight	kgf	400	850	1,000	1,300	1,600	1,950
Inside operate length	mm	1,196	1,709	1,750	1,880	2,250	2,600
Outside operate length	mm	100	280	310	340	566	705
Inside operate height	mm	397	741	778	1,262	1,550	1,720
Outside operate height	mm	675	1,157	1,244	1,370	1,846	2,010
Suitable Excavator	ton	5	12 ~ 18	18 ~ 25	25 ~ 32	32 ~ 42	42 ~ 47

Above specifications are subject to change without prior notice for quality improvement.

- Designed optimization
- Use for loading and unloading rocks
- Strong structure of machine

《 Demolition Grab 》

Item / Model	Unit	SG1500	SG2000	SG3000	SG4000
Capacity	liter	600	800	1,000	1,500
Weight	kgf	1,050	1,370	1,700	2,000
Inside operate length	mm	1,751	1,923	2,082	2,120
Outside operate length	mm	814	883	982	1,060
Operate width A	mm	900	1,030	1,080	1,160
Inside operate height	mm	596	744	770	794
Outside operate height	mm	762	905	956	1,006
Suitable Excavator	ton	12 ~ 18	18 ~ 25	28 ~ 35	36 ~ 42

Above specifications are subject to change without prior notice for quality improvement.

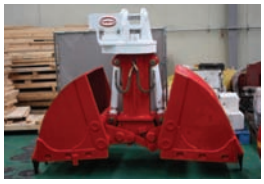
- Design for minimum height can load or unload objects to high place
- Main frames are made by Hardox for the longer life time
- Use for carrying industrial waste
- Use for loading and unloading rocks

- Pipe Setting Pressure :
  Close Pressure : 250kg/cm^2 / Open Pressure : 250kg/cm^2
- Rotator Pressure : 100 ~ 140kg/cm^2
- Motor Drain Pipe Setting :
  Setting : R.P. 140kg/cm^2 / Non-Setting : R.P. 100kg/cm^2

《 Clam shell Grab 》

Item / Model	Unit	SC600	SC800	SC1000	SC1500	SC2000
Capacity	liter	600	800	1,000	1,500	2,000
Weight	kgf	720	980	1,200	1,500	1,810
Inside operate length	mm	2,223	2,223	2,328	2,641	2,735
Outside operate length	mm	1,752	1,752	1,856	2,151	2,247
Inside operate height	mm	1,408	1,408	1,408	1,408	1,425
Outside operate height	mm	2,200	2,200	2,253	2,404	2,450
Operate width-C	mm	600	800	900	1,200	1,500
Suitable Excavator	ton	12 ~ 18	18 ~ 25	28 ~ 35	36 ~ 42	43 ~ 47

Above specifications are subject to change without prior notice for quality improvement.

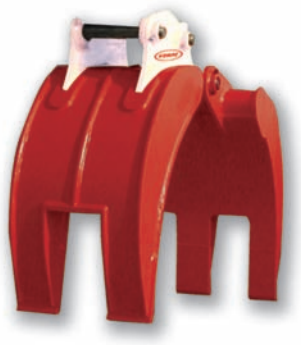


- Design for minimum height can load or unload objects to high place.
- Teeth are replaceable.

- Use for carrying, loading, or unloading
- Use for digging and dredging
- One cylinder or two cylinder

- Pipe Setting Pressure :
  Close Pressure : 250kg/cm^2 / Open Pressure : 250kg/cm^2
- Rotator Pressure : 100 ~ 140kg/cm^2
- Motor Drain Pipe Setting :
  Setting : R.P. 140kg/cm^2 / Non-Setting : R.P. 100kg/cm^2

« Mechanical Grab »



Item / Model	Unit	SMG10	SMG20	SMG30	SMG40	SMG50	SMG60
Weight	kgf	780	1,330	1,560	1,980	2,450	2,990
Full Open(A)	mm	2,200	2,600	2,900	3,100	3,250	3,500
Full Closed(B)	mm	230	250	260	280	310	330
Height Closed(C)	mm	1,330	1,460	1,580	1,700	1,810	1,970
Width Upper Moveable Jaw	mm	640	730	730	800	840	960
Width Lower Fixed Jaw	mm	1,000	1,140	1,140	1,240	1,338	1,520
Suitable Excavator	ton	10 ~ 15	15 ~ 20	20 ~ 25	25 ~ 30	30 ~ 40	40 ~ 50

Above specifications are subject to change without prior notice for quality improvement.

- Removal of broken pieces
- Usage of qualified raw material for extension of its durability.
- Replaceable teeth with welded teeth
- Teeth are replaceable.
- Easy to install to the excavator
- Possible usage of quick coupler

« Ripper »

Item / Model	Unit	KMR03	KMR06	KMR08	KMR10	KMR14	KMR17	KMR20
Suitable Excavator	ton	5 ~ 7	12 ~ 15	18 ~ 22	28 ~ 31	34 ~ 38	39 ~ 43	45 ~ 50
A	mm	260 ~ 270	398	460 ~ 490	530 ~ 590	610 ~ 630	620 ~ 650	660 ~ 720
B	mm	717	1067	1167	1358	1626	1626	1679
C	mm	45	65	70 ~ 80	80 ~ 90	90 ~ 100	100 ~ 110	110 ~ 120
D	mm	569	842	894	1046	1259	1259	1270
E	mm	674	1010	1105	1255	1515	1520	1560
Weight	kgf	93	275	440	625	885	950	1065

Above specifications are subject to change without prior notice for quality improvement.

KOMAC

Technology with Passion

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