

Mini Demolition

Shears & Crusher

Demolition & Recycling



Shears Mini

Light Steel & Iron Cutting & Recycling

Free Rotation
Durable Cutter & Strong Cutting Power
Reliable Material Hardox

Crusher Mini

Reinforced Concrete Demolition & Recycling

Durable Jaw & Teeth
Cylinder Protection Cover
Reliable Material Hardox



Tech. Spec

Description		Unit	SHEARS MINI				CRUSHER MINI				
			AKS 200S	AKS 300S	AKS 500S	AKS 500SH	AKC 100C	AKC 200C	AKC 300C	AKC 500C	AKC500CH
Weight		kg	180	260	450	510	110	180	330	400	460
Dimension	Overall Length	mm	1110	1220	1410	1460	890	1110	1310	1410	1560
	Overall Width	mm	480	580	670	670	680	800	830	930	930
	Overall Height	mm	290	350	400	400	220	250	300	300	300
	Max Jaw Opening	mm	210	230	290	290	280	360	430	530	530
Max. Cutting Force		ton	65	110	150	150	60	65	85	100	100
Operating Pressure		bar	210	210	210	210	210	210	210	210	210
Suitable Excavator		ton	1.5-3	2-6	4-8	4-8	less 1	1.5-3	2-4	4-9	4-9

Multi Processor

Two Cylinder



Crusher-Primary Demolition

Reinforced Concrete Demolition & Recycling

Exact Positioning by Hydraulic Rotation
Durable Jaw & Teeth
Cylinder Protection Cover
Reliable Material Hardox



Shears

Heavy Steel & Iron Cutting & Recycling

Exact Positioning by Hydraulic Rotation
Durable Cutter & Strong Cutting Power
Reliable Material Hardox

Pulverizer-Secondary Demolition

Reinforced Concrete Demolition & Recycling

Exact Positioning by Hydraulic Rotation
Durable Jaw, Teeth & Blade
Cylinder Protection Cover
Reliable Material Hardox



Tech. Spec

Description		Unit	CRUSHER				SHEARS				PULVERIZER		
			AKC 2000C	AKC 3000C	AKC 4000C	AKC 5000C	AKC 2000S	AKC 3000S	AKC 4000S	AKC 5000S	AKC 2000P	AKC 3000P	AKC 5000P
Weight		kg	1,680	2,630	3,250	5,200	1,760	2,800	3,200	5,200	1,760	2,820	5,480
Dimension	Overall Length	mm	1,940	2,620	2,590	3,400	2,070	2,440	2,700	3,250	2,200	2,620	3,470
	Overall Width	mm	1,350	1,780	1,710	2,350	1,300	1,590	1,290	1,905	1,540	1,870	1,710
	Overall Height	mm	890	1,170	1,350	1,560	520	605	630	720	890	960	1,350
	Cutting Blade Length	mm	180	200	200	220	480	600	600	600	180	200	600
	Max. Cutting Force	ton	85	135	145	530	56	105	110	180	95	170	180
Cylinder Hydraulic Power	Max. Cutting Force	ton	183	315	320	1,225	200	385	390	630	185	320	350
	Operating Pressure	kg/cm²	300	320	330	350	300	320	320	350	300	320	350
	Oil Flow	lpm	200-250	250-300	250-300	280-360	200-250	250-300	250-300	280-360	200-250	250-300	250-300
Rotation Hydraulic Power	Motor Setting Pressure	kg/cm²	160	160	160	140	160	160	160	140	160	160	140
		psi	2,275	2,275	2,275	1,991	2,275	2,275	2,275	1,991	2,275	2,275	1,991
	Oil Flow of Motor	lpm	35-40	35-40	35-40	50	35-40	35-40	35-40	50	35-40	36-40	35-40
		gpm	9.5-10.5	9.5-10.5	9.5-10.5	14	9.5-10.5	9.5-10.5	9.5-10.5	14	9.5-10.5	9.5-10.5	9.5-10.5
Suitable Excavator	Rotating Speed	rpm	13-15	13-15	13-15	10-12	13-15	13-15	13-15	10-12	13-15	13-15	10-12
		ton	18-26	18-26	36-42	45-52	18-26	27-35	36-42	45-52	18-26	27-35	36-42

Shears

Heavy Steel & Iron Cutting

One Cylinder

Exact Positioning by Hydraulic Rotation Durable Cutter & Strong Cutting Power Reliable Material Hardoxa



Tech. Spec

Description		Unit	AKS 2001S	AKS 3001S	AKS 4001S
Operating Weight		kg	2000	2500	2950
Carrier Weight		ton	18-26	26-35	32-45
Overall Length		mm	2200	2200	2730
Overall Width		mm	1100	1170	1260
Max. Opening Width		mm	510	570	630
Cutter Length		mm	500	600	120×5
Cutting Force		ton	175	260	280
Operating Pressure		kg/cm²	300	320	320
Oil Flow		lpm	200-250	250-300	290-320
Motor	Pressure	kg/cm²	160	160	160
	Rotation	rpm	13-15	13-15	13-15



Pulverizer

Secondary Concrete Demolition & Recycling

Hyd. Rotation

Hydraulic Rotation
Rapid Jaw Opening Operation
Reliable Material Hardox



Fixed
Free Rotation
Rapid Jaw Opening Operation
Reliable Material Hardox
Speed-up Valve Optional



Tech. Spec

Description		Unit	PULVERIZER – ROTATION			PULVERIZER – FIXED		
			AKR 1000M	AKR 2000M	AKR 3000M	AKR 1000F	AKR 2000F	AKR 3000F
Dimension	Weight	kg	1600	2000	2600	1250	1850	2340
	Overall Length	mm	2040	2400	2700	1590	1840	1980
	Overall Width	mm	1220	1370	1440	1220	1420	1540
	Arm Width	mm	-	-	-	290	320	380
	Max Jaw Opening	mm	800	890	960	720	850	920
	Cutting Blade Length	mm	150	200	300	150	200	200
Max. Crushing Force		ton	100	145	200	172	220	240
Max. Cutting Force		ton	125	165	230	210	270	285
Cylinder Hydraulic Power	Operating Pressure	kg/cm²	300	300	320	300	300	320
	Oil Flow	lpm	200-250	200-250	250-300	200-250	200-250	250-300
Rotation Hydraulic Power	Motor Setting Pressure	kg/cm²	160	160	160	-	-	-
		psi	2275	2275	2275	-	-	-
	Oil Flow of Motor	lpm	36-40	36-40	36-40	-	-	-
		gpm	9.5-10.5	9.5-10.5	9.5-10.5	-	-	-
	Rotating Speed	rpm	13-15	13-15	13-15	-	-	-
Suitable Excavator		ton	15-18	18-26	27-36	15-18	18-26	27-36
Demolition Capacity, Max.	Concrete	tn/hour	28	35	42	32	38	43
	Steel Concrete	tn/hour	28	36	44	30	36	45

Steel Cutting Shears

Long One Cylinder

AKS 2001S-L/AKS 3001S-L/AKS 4001S-L Series



Tech. Spec

Description		Unit	AKS 2001S-L	AKS 2001S-L(II)	AKS 3001S-L	AKS 3001S-L(II)	AKS 4001S-L
Weight		kg	2,250	2,300	3,200	3,300	5,220
Flow		lpm	200-230	200-230	230-250	230-250	320-350
Max. Operating Pressure		bar	300	320	320	320	320
Rotating Oil Pressure		bar	170	170	170	170	170
Rotating Oil Flow		lpm	60-75	60-75	60-75	60-75	60-75
Dimension	A		2,760	705	3,040	810	3,710
	B		1,250	2,350	1,420	2,560	2,140
	C		530	280	610	310	750
	D		240	650	290	760	430
	E		820		820		1,020
Application Excavator		ton	19-26	19-26	26-37	26-37	38-46

Material Handling



Steel Scrap Handling

Tech. Spec

Description		Unit	AKG 650Mi	AKG 750 M	AKG 850Mi	AKG 900Mi
Dimension		mm	Ø 650 x160	Ø 750 x160	Ø 850 x160	Ø 900 x160
Magnetng Power	Steel Plate	kg	2500	3500	4500	5500
	Steel Black	kg	100	200	300	400
	Scrap	kg	80	120	150	180
Electric Power (DC)		V×A	24×80	24×80	24×80	24×80

Steel Scrap Handling

Tech. Spec

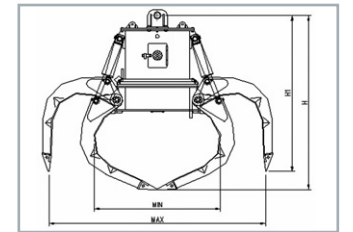
Description		Unit	AKG 900Mx	AKG 1000Mx	AKG 1100Mx	AKG 1200 Mx	AKG 1300Mx	AKG 1500Mx	AKG 1700Mx
Dimension		mm	Ø 900 x255	Ø 1000 x255	Ø 1100 x255	Ø 1200 x255	Ø 1300 x255	Ø 1500 x255	Ø 1700 x255
Magnetng Power	Weight	kg	700	900	1100	1300	1500	1800	2100
	Steel Plate	kg	9000	12000	14000	16000	19000	24000	27000
	Steel Block	kg	200	400	600	1000	1200	1600	2000
	Scrap	kg	200	300	400	600	800	1000	1200
Electric Power		AxkW	61 x13	61 x13	61 x13	61 x13	150 x30	150 x30	200 x50
Carrier Weight		ton	10-14	12-18	18-25	18-25	27-30	42-45	Over 47



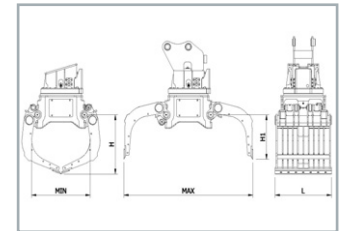
Sludge & Waste Handling

Tech. Spec

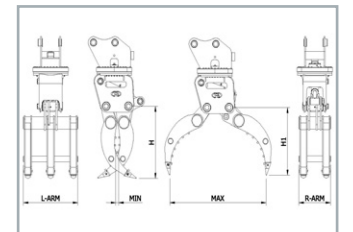
Description		Unit	AKG 600H	AKG 800H	AKG 1000H	AKG 1500H	AKG 2000H
Capacity		litre	600	800	1000	1500	2000
Operating Weight		kg	850	1300	1700	1800	2200
Dimension	MIN	mm	830	1090	1300	1500	1610
	MAX	mm	1620	1920	2330	2590	2920
	H	mm	1290	1440	1790	2110	2280
	H1	mm	1210	1380	1580	1900	1960
Operating Pressure	Close	bar	250	250	250	250	250
	Open	bar	250	250	250	250	250
Rotation Motor		bar	100~140	100~140	100~140	100~140	100~140



▲ Hoist Series



▲ A Series



▲ B Series



Stone Sorting & Loading

ab A Series / B Series

& Loading

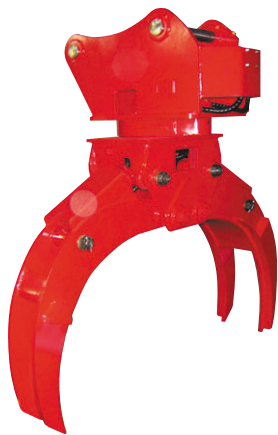
optimum weight

sure hose installed inside

Tech. Spec

[illegible]

Wood Grab & Clam Shell Bucket



Wood Grab

Wood & Waste Handling

Robust structure & optimum weight / Reliable material
Cylinder high pressure hose installed inside /
Pendulum type available



Tech. Spec

Description	Unit	AKG 300W	AKG 600W	AKG 800W	AKG 1000W	AKG 1500W	AKG 2000W
Capacity	litre	300	600	800	1000	1500	2000
Max. Oil Flow	lpm/gpm	60-120/15.85-31.70	60-120/15.85-31.70	60-120/15.85-31.70	60-120/15.85-31.70	60-120/15.85-31.70	60-120/15.85-31.70
Max. Oil Pressure	bar/psi	260/3770	260/3770	260/3770	260/3770	260/3770	260/3770
Operating Weight	kg	400	950	1220	1500	1800	2100
Carrier Weight	ton	less 5	12-18	18-25	25-32	32-43	43-47
Dimension	MIN	mm	1200	1710	1750	1880	2600
	MAX	mm	100	280	310	340	710
	H	mm	680	1160	1240	1370	2010
	H1	mm	400	740	780	1260	1550
Rotation Motor	Oil Flow	lpm/gpm	40/10.56	40/10.56	40/10.56	40/10.56	40/10.56
	Pressure	bar/psi	140/2030	140/2030	140/2030	140/2030	140/2030

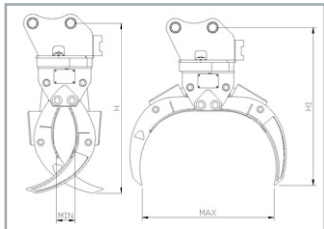
Clam Shell Bucket

Grain - Earth - Waste Handling

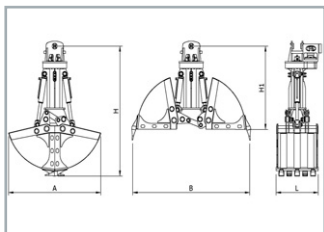


Tech. Spec

Description	Unit	AKG 600CS	AKG 800CS	AKG 1000CS	AKG 1500 CS	AKG 2000 CS
Capacity	litre	600	800	1000	1500	2000
Operating Weight	kg	720	980	1200	1500	1810
Carrier Weight	ton	12-18	18-25	28-35	36-42	43-47
Dimension	A	mm	1750	1750	1860	2150
	B	mm	2220	2220	2330	2640
	H	mm	2220	2220	2250	2400
	H1	mm	1410	1410	1410	1410
	L	mm	600	800	900	1200
Operating Pressure	Close	bar	250	250	250	250
	Open	bar	250	250	250	250
Rotation Motor	bar	100-140	100-140	100-140	100-140	100-140

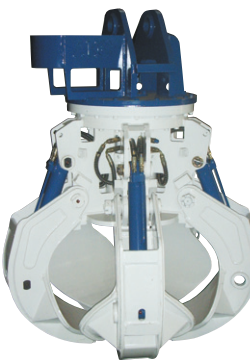


▲ Wood Grab



▲ Clam Shell Bucket

Grapples



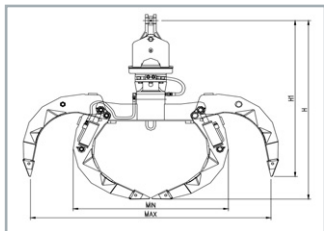
Orange Grapples Mini Series

Sludge & Waste Handling

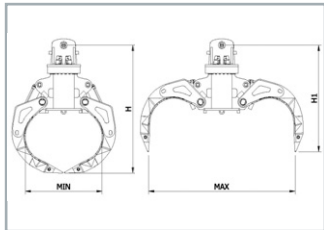
Low overall height for limited area
Robust structure & optimum weight
Grappling capacity maximized
Reliable material
Special heat-treatment & long life
Cylinder high pressure hose installed inside

Tech. Spec

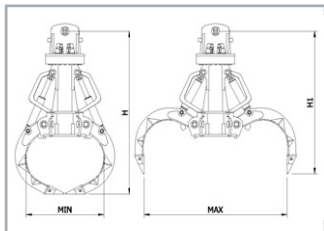
Description	Unit	Orange Grapples Mini Series					
		AKG 100GM	AKG 200GM	AKG 250GM	AKG 300GM	AKG 400GM	AKG 500GM
Capacity	litre	100	200	250	300	400	500
Max. Oil Flow	lpm/gpm	15-40/3.96-10.57	15-40/3.96-10.57	15-40/3.96-10.57	20-70/5.28-18.49	20-70/5.28-18.49	20-70/5.28-18.49
Max. Oil Pressure	bar/psi	250/3625	250/3625	250/3625	260/3770	260/3770	260/3770
Operating Weight	kg	230	280	370	430	510	580
Carrier Weight	ton	1-2.5	2-3	3-4	4-5	5-8	8-11
Dimension	MIN	mm	790	840	1020	1100	1180
	MAX	mm	1250	1320	1490	1540	1830
	H	mm	950	990	1330	1350	1440
	H1	mm	850	860	1240	1250	1290
No. of Arm		piece	4-5	4-6	4-6	4-6	4-6
Rotation Motor	Oil Flow	lpm/gpm	20/5.28	20/5.28	20/5.28	20/5.28	20/5.28
	Pressure	bar/psi	120/1740	120/1740	120/1740	120/1740	120/1740



▲ Mini Series



▲ A Series



▲ B Series



Orange Grapples A Series / B Series

Sludge & Waste Handling

Low overall height for limited area
Robust structure & optimum weight
Grappling capacity maximized
Reliable material
Special heat-treatment & long life
Cylinder high pressure hose installed inside - Hose Guard

Tech. Spec

Description	Unit	Orange Grapples A Series					Orange Grapples B Series				
		AKG 600GA	AKG 800GA	AKG 1000GA	AKG 1500GA	AKG 2000GA	AKG 600GB	AKG 800GB	AKG 1000GB	AKG 1500GB	AKG 2000GB
Capacity	litre	600	800	1,000	1,500	2,000	600	800	1,000	1,500	2,000
Max. Oil Flow	lpm/gpm	60-120/15.85-31.70	60-120/15.85-31.70	60-120/15.85-31.70	60-120/15.85-31.70	60-120/15.85-31.70	20-70/5.28-18.49	20-70/5.28-18.49	20-70/5.28-18.49	20-70/5.28-18.49	20-70/5.28-18.49
Max. Oil Pressure	bar/psi	260/3,770	260/3,770	260/3,770	260/3,770	260/3,770	260/3,770	260/3,770	260/3,770	260/3,770	260/3,770
Operating Weight	kg	1,200	1,560	1,800	2,200	2,500	1,080	100	1,500	1,870	2,100
Carrier Weight	ton	12-18	18-25	26-35	36-42	43-47	12-18	18-25	26-35	36-42	43-47
Dimension	MIN	mm	930	960	1,200	1,380	840	960	1,200	1,320	1,710
	MAX	mm	1,780	1,950	2,180	2,520	2,700	1,860	1,940	2,020	2,410
	H	mm	1,540	1,650	1,860	2,080	2,300	1,850	1,970	2,210	2,360
	H1	mm	1,300	1,400	1,600	1,800	2,100	1,550	1,680	1,960	2,110
No. of Arm		piece	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6
Rotation Motor	Oil Flow	lpm/gpm	40/10.56	40/10.56	40/10.56	40/10.56	20/5.28	20/5.28	20/5.28	20/5.28	20/5.28
	Pressure	bar/psi	140/2,030	140/2,030	140/2,030	140/2,030	120/1,740	120/1,740	120/1,740	120/1,740	120/1,740

Grab Bucket

Stone – Wood Handling



Simple Design
Easy Operation
Quick Application for Wood & Stone

HYD. ROTATION Tech. Spec

Description		Unit	AK G 300BG-R	AK G 600BG-R	AK G 800BG-R	AK G 1000BG-R
Excavator Weight		ton	5~7	12~15	18~22	28~31
Operating Weight		kg	350	800	1,600	1,950
Dimension	A	mm	430	636	802	833
	B	mm	1,050	1,320	1,550	1,710
	C	mm	1,100	1,630	1,890	2,080
Operating Pressure		bar	200~250	250~280	280~300	280~300
Motor Pressure		bar	100~120	120~140	120~140	120~140



Simple Design
Easy Operation
Quick Application for Wood & Stone

NON. ROTATION Tech. Spec

Description		Unit	AK G 300BG-F	AK G 600BG-F	AK G 800BG-F	AK G 1000BG-F
Excavator Weight		ton	5~7	12~15	18~22	28~31
Operating Weight		kg	350	800	1,600	1,950
Dimension	A	mm	430	636	802	833
	B	mm	1,050	1,320	1,550	1,710
	C	mm	1,100	1,630	1,890	2,080
Operating Pressure		bar	200~250	250~280	280~300	280~300
Motor Pressure		bar	100~120	120~140	120~140	120~140

