



Quality & Reliable *Products Source*

| Sheet Pile Driver | Auger Drill |
| Vibrating Compactor | Screen Bucket |

Your Reliable Partner **ALL-KOR CO.**

www.all-kor.com

Tilting System

AKP Series



Easy & Quick Clampping Sheet Pile

AKP tilting system turns sheet piler 90 degree to snap the sheet piles. The tilting device realizes the quick, easy, safe and economical sheet piling operating and will improve the performance over 30%.

A standard **AKP** series use wire to hold up the sheet pile and required two personnel to hang a sheet pile.

The tilting device need only one person to assist an operator, not main personnel and only an operator is able to do whole process of piling out.

Supporting Cylinders & Straight-UP

The cylinders of tilting system senses each process of tilting and straitening of machine and keep the right position at each stage.

When piling starts, it keeps straight way and ensures the constantly stable piling operation.



Technical Specification



Simple & Easy Piling

AKP Drives Piles Really Well

Vibratory piling is now more popular and growing in usage.

AKP sheet pile drivers are suitable for medium lengths of tube and sheet piles.

AKP machines produce more vibrating energy than is normally needed and will outperform its competitors in tough soil conditions. Thorough testing in all hard soil conditions have led to many technical improvements.

Simple design and control will make sheet piling an easy, trouble free experience



Advanced System & Design

Proven Parts & Material

Economical

Share existing breaker line - no extra system Low fuel consumption 220lpm

Accessibility

Limited area, populous town Excellent accessibility

Low Noise & Vibration

High frequency system but minimizing environmental claims

High Vibrating Power

AKP design ensure maximum vibrating power

Compact & Slim Line

No extra line installation required

360-degree Hydraulic Rotation

Positioning machine at exact point of piling



AKP Drives Business Right

Technical Specification

AKP has only two models but will take more than 80% of demands in piling industry.

AKP is applicable for sheet & tube pile driving.

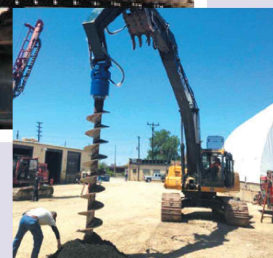
Tech. Spec

Model		Unit	AK P 3 00T	AK P 3 00	AK P 4 00	AK P 600T	AK P 7 00T	AK P 850T
Eccentric Moment		in.lbs	400	391	530	530	608	738
		kgm	4.6	3.5	4.5	6.1	7	8.5
Frequency		vpm	3,000	3,000	2,700	3,000	3,000	2,700
Centrifugal Force		lbs	67,410	67,410	87,633	116,844	157,290	152,870
		kN	300	300	390	520	700	680
Amplitude		ins	0.27	0.27	0.28	0.35	0.55	0.63
		mm	6.8	6.8	7.2	8.8	14	16
Operating Oil Preassur		bar	200	200	200	250	250	250
		psi	2,900	2,900	2,900	3,625	3,625	3,625
Setting Oil Preassur		bar	240	240	250	290	290	270
		psi	3,480	3,480	3,625	4,205	4,205	3,900
Max. Oil Flow		L/ min	240	240	240	240	360	330
		gpm	64	64	64	64	96	87
Hydraulic Motor Power		kN	60	60	70	153	177	177
		hp	79	79	93	201	241	241
Demension	Height(A)	ins	82.6	76.5	80.7	82.6	93.6	93.7
		mm	2,100	1,944	2,050	2,100	2,380	2,380
	Length(B)	ins	52	40	42.5	53.7	57.5	58.4
		mm	1,320	1,020	1,080	1,363	1,460	1,484
	Width(C)	ins	30	23.6	28.2	29.8	30.7	30.7
		mm	762	600	720	757	780	780
Slewing		degree	360	360	360	360	360	
Tilting		degree	90	0	0	90	90	90
Main Body Weight		lbs	3,740	3,080	3,960	4,246	4,850	5,952
		kg	1,700	1,400	1,800	1,930	2,200	2,700
Extention Boom Weight		lbs	1,298	1,298	1,386	1,386	1,386	1,452
		kg	590	590	630	630	630	660
Applicable Weight		ton	20~35	20~35	30~40	23~32	36~45	48~60

AKCD AUGER DRILL

EXCAVATOR MOUNTING

Auger Drill



FAST DRILLING AUGER DRILL

RELIABLE PERFORMANCE AUGER DRILLING

ALL-KOR Auger drill - AKAD series is designed to have reasonable level of torque and rotation speed and it will help auger drilling operation going on constantly.

Tech. Spec

Description		Unit	AK AD-50C	AK AD-100C	AK AD-220C	AK AD-450	AK AD-650
Rotation Torque		kg-m	300	800	2,200	4,500	6,500
		ft-lbs	2,170	5,786	15,920	32,563	47,035
Rotation Speed		rpm	30-40	30-40	30-40	30-40	30-40
Operating Pressure		bar	175	210	210	350	350
		psi	2,537	3,045	3,045	5,075	5,075
Oil Flow		lpm	70-100	150-200	150-250	180-260	200-260
		gpm	18-26	39-53	39-65	48-69	53-69
Weight	Main Body	kg	90	210(200)	690(600)	(680)	(750)
		lbs	198	462/440	1,518/1,320	1,496	1,606
	Boom		Cradle Only Cradle Standard / Extention Boom Optional (2mt/550kg)				
Case Drain Required			yes	yes	yes	yes	yes
Suitable Excavator		ton	3.5-5	8-15	18-34	23-30	30-45

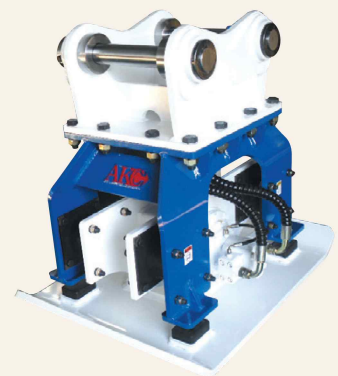
* Weight is only for auger drill machine without flight screw, joint connector, extention boon & any other accessories

* Weight of Main Body : Reducer Gear Motor(Traavel Gear Motor)

Vibrating Compactor

Soil Stabilizing & Compaction

Vibrating Compactor

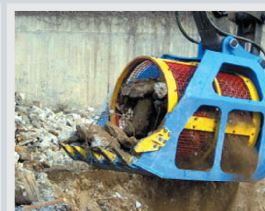


Tech. Spec

Description	Unit	AKT-300	AKT-600	AKT-800	AKT-1000	AKT-1200
Impact Force	ton	1.8	4	10	17	25
Vibration	vpm	2,400	2,000	2,000	2,000	2,000
Required Oil Flow	lpm	40~50	85~105	100~130	135~165	155~175
Working Pressure	kg/cm ²	90~130	100~130	120~160	130~170	150~190
Operating Weight	kg	290	600	1,230	1,650	2,000
Plate Size	mm	450X725	600X900	800X1,200	900X1,300	1,050X1,500
Carrier	ton	2~7	6~16	17~25	26~35	34~43

Screen Sorting Bucket

Sorting & Screening



Demolished Waste Sorting & Recycling

Functional Structure & Frame -

Optimized Weight

Special Valve Adopted - Easy Control

of Rotation Speedy Screening

Optimized to Carrier

System - Minimum Load

Tech. Spec

Description	Unit	AK SB 200		AK SB 300	
Demension	mm	W 1,162 X L 2,354 X H 1,535		W 1,452 X L 2,942 X H 669	
Rotation Type		HYDRA URIC MOTOR		HYDRA URIC MOTOR	
Material		AR PLATE		AR PLATE	
Hyd. Motor	kg	WEIGHT	51	MAX PA WER	59
Rotation	rpm/M	MAX SPEED	55	MAX SPEED	55
Screen Hole Size		Order Specifi cation		Order Specifi cation	
Trommel Size	Ø	1,100 X 830		1,100 X 830	
Op. Weight	ton	1.5		2.5	
Sunstances		Ston, Construction Waste, Coal		Ston, Construction Waste, Coal	