

Akyapak manufactures 3 rolls hydraulic plate bending machines with capacity in thickness from 14 ga. to 8" and in width from 2 ft. to 40 ft.

Frames of our machines are made of welded steel (St-52). Roll shafts and bearings are of high quality and robust in terms of bending momentum.

All 3 rolls are independently driven by hydraulic motors and gearboxes on 3 rolls plate bending machines whose top roll diameter is 9" or larger. As for the machines whose top roll diameter is smaller than 9", the rolls are driven by a hydraulic motor, gearbox and gear system.

» Standard Features

- Cone Bending Device
- Induction Hardened Rolls
- Digital Display for both Side Rolls
- Fully welded steel (St-52) frame
- Independent moving control panel
- Two bending speeds
- All rolls are mounted in spherical roller bearing
- Drop end opened and closed hydraulically and controlled from control panel.
- Cone opening and closing controlled on control panel.
- Central rolls -upper and lower rolls- driven by hydraulic motor and planetary gearbox
- Electro - Hydraulic Calibration
- Certified by CE, ISO9001 - 2008, TSEK and TURQUM



» **AHK**
25 - 65

» Optional Features

- Infinitely variable speed of rotation
- Side and Central supports for big sheet metal diameters
- Material feeding table with various features
- Interchangeable top roll for tighter diameters
- Oil cooling system
- Motors in variable voltage and frequency

» AHK 25-10



» AHK 25-10



» AHK



» AHK 25-65



AHK

TECHNICAL SPECIFICATIONS

MODEL	Working Length	Max.Thickness	Pre-Bending Thickness	Top Roll Dia.	Side Roll Dia.	Motor Power	Length	Height	Width	Weight	Min. Bending Diameter (Top roll diameter = TRD)
	feet	inch	inch	inch	inch	HP	feet	feet	feet	lbs	
AHK 20/04	6	1/4	8 ga.	6.3	7.1	3	13.0	3.8	3.5	4.630	TRD x 3
AHK 20/06	6	5/16	1/4	7.5	7.1	4	13.0	3.8	3.5	6.504	
AHK 20/08	6	3/8	5/16	8.3	7.5	10	13.0	3.8	3.5	8.708	
AHK 20/10	6	1/2	3/8	9.1	8.3	10	13.2	4.2	4.5	10.318	
AHK 20/13	6	5/8	1/2	10.6	9.8	15	13.7	4.5	4.7	11.574	
AHK 20/16	6	13/16	5/8	11.8	10.6	20	14.6	5.3	5.3	15.256	
AHK 20/20	6	1	13/16	13.0	11.8	20	13.9	6.0	5.9	18.850	
AHK 20/25	6	1-3/16	1	14.2	13.0	30	14.8	6.6	6.2	20.723	
AHK 20/30	6	1-9/16	1-3/16	15.4	14.2	30	16.1	7.2	6.4	37.479	
AHK 20/35	6	1-3/4	1-3/8	16.9	15.4	40	17.1	8.2	7.2	42.439	

AHK 25/04	8	1/4	8 ga.	7.5	6.7	4	14.6	3.8	3.5	7.385	TRD x 3
AHK 25/06	8	5/16	1/4	8.3	7.5	10	14.6	3.8	3.5	9.259	
AHK 25/08	8	3/8	5/16	9.1	8.3	10	14.9	4.2	4.5	10.141	
AHK 25/10	8	1/2	3/8	10.6	9.8	15	15.4	4.5	4.7	12.125	
AHK 25/13	8	5/8	1/2	11.8	10.6	15	16.4	5.4	5.4	16.865	
AHK 25/16	8	13/16	5/8	13.0	11.8	20	16.4	6.1	6.1	20.944	
AHK 25/20	8	1	13/16	14.2	13.0	25	16.1	6.1	6.1	26.235	
AHK 25/25	8	1-3/16	1	15.4	14.2	30	17.7	6.6	7.1	32.408	
AHK 25/30	8	1-9/16	1-3/16	16.9	15.4	40	19.7	7.2	7.2	36.817	

AHK 30/04	10	1/4	8 ga.	8.3	7.5	10	16.4	3.9	3.6	9.590	TRD x 3
AHK 30/06	10	5/16	1/4	9.1	8.3	10	16.7	4.3	4.6	11.354	
AHK 30/08	10	3/8	5/16	10.6	9.8	15	17.1	4.6	4.9	15.432	
AHK 30/10	10	1/2	3/8	11.8	10.6	15	18.0	5.6	5.6	18.673	
AHK 30/13	10	5/8	1/2	13.0	11.8	15	17.4	6.2	6.2	23.325	
AHK 30/16	10	13/16	5/8	14.2	13.0	20	17.7	6.2	6.2	29.101	
AHK 30/20	10	1	13/16	15.4	14.2	25	19.4	6.6	7.2	37.479	
AHK 30/28	10	1-3/8	1-1/8	16.9	15.4	30	19.7	7.2	7.2	44.754	
AHK 30/30	10	1-3/8	1-3/16	18.1	13.4	30	20.3	8.0	7.2	63.934	
AHK 30/32	10	1-9/16	1-1/4	18.1	16.5	40	20.3	8.0	7.2	63.934	TRD x 3
AHK 30/35	10	1-3/4	1-3/8	18.9	15.0	40	21.2	8.5	7.5	67.241	TRD x 5
AHK 30/35	10	1-3/4	1-3/8	20.1	18.1	60	20.7	9.2	8.2	69.446	TRD x 3

AHK 40/04	13 ft. 3"	1/4	8 ga.	10.6	9.8	10	20.3	4.6	4.9	17.637	TRD x 3
AHK 40/06	13 ft. 3"	5/16	1/4	11.8	10.6	10	21.3	5.6	5.6	19.842	
AHK 40/08	13 ft. 3"	3/8	5/16	13.0	11.8	15	20.7	6.2	6.2	27.778	
AHK 40/10	13 ft. 3"	1/2	3/8	14.2	13.0	15	21.0	6.2	6.2	31.967	
AHK 40/13	13 ft. 3"	5/8	1/2	15.4	14.2	20	23.0	6.6	7.1	41.337	
AHK 40/16	13 ft. 3"	13/16	5/8	16.9	15.4	25	23.0	7.2	7.2	50.706	
AHK 40/20	13 ft. 3"	1	13/16	18.1	16.5	30	23.6	8.2	7.2	68.343	
AHK 40/25	13 ft. 3"	1-3/16	1	20.1	18.1	40	24.0	9.2	8.2	72.753	
AHK 40/28	13 ft. 3"	1-3/8	1-1/8	21.3	20.1	50	24.0	9.2	8.2	99.208	

1-) Data indicated above are based on steel with yield point 34.800 PSI
 2-) For cone bending, all bending values must be reduced %50.
 3-) All specifications are subject to change without notice. 4-) Gauge (ga.) dimensions for standard steels.

Special Productions

» **AHK**
30 - 25



AHK-30/28 3 Rolls Hydraulic Plate Bending Machine (with optional Wireless remote pendant control)



Control panels can be produced according to customer request.



Variable machine lengths and working positions upon customers' request

