

# » AHV Variable Geometry Hydraulic Plate Bending Machine

## » Versatile Power

AHV combines power and production flexibility thanks to its variable geometry design. The three rolls on AHV models move independently. The required geometric positions for a wide range of workpieces is ensured thanks to vertical movement of the top roll and independent horizontal movements of the side rolls.

The more accurate rolling can be performed for remaining less flat ends by positioning rolls asymmetrical, while the rolls can be positioned symmetrical for rolling at maximum thickness. With those fundamental features, AHV provides the power of versatility in production.

## » Standard Features

- Linear guides for roll movement
- Induction hardened rolls
- Electronic balancing system
- Special braking system
- Cone bending device
- Separate moving control panel
- Permanent lubrication system
- Emergency equipment around the machine
- CE , ISO9001 - 2008 , TSEK and TURQUM certified machine

## » Optional Features

- Automatic loading and unloading system
- Material feeding tables with various features
- Central and side supports
- Automatic material ejection equipment



## AHV TECHNICAL SPECIFICATIONS

MODEL	Working Length feet	Max.Thickness inch	Pre-Bending Thickness inch	Top Roll Dia. inch	Side Roll Dia. inch	Motor Power HP	Length feet	Height feet	Width feet	Weight lbs	Min. Bending Diameter (Top roll diameter = TRD)
AHV 30/70	10	3-3/8	2-3/4	23.6	21.3	101	23.0	11.5	11.8	105.822	TRD x 5
AHV30/85	10	4-1/8	3-3/8	28.3	25.6	148	24.3	13.5	14.1	169.756	
AHV 30/105	10	4-15/16	4-1/8	31.5	26.8	177	24.9	14.4	14.8	200.621	
AHV30/125	10	5-1/2	4-15/16	33.5	28.7	215	25.6	15.4	15.7	224.872	
AHV 30/135	10	5-15/16	5-5/16	34.6	29.9	229	26.9	16.4	16.4	277.782	
AHV 30/150	10	6-1/2	5-15/16	36.6	31.5	268	29.5	17.4	17.4	313.056	
AHV 30/190	10	7-7/8	7-1/2	39.4	33.1	308	32.2	19.4	19.0	348.330	
AHV 30/200	10	8-11/16	7-7/8	43.3	33.9	355	36.1	21.3	20.7	557.770	
AHV 30/240	10	10-1/4	9-7/16	48.0	38.6	375	39.4	22.8	23.0	767.209	

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.

