



## 3-Roll Variable Geometry Plate Rolling Machine 3 Toplu Değişken Geometrili Silindir Bükme Makinesi

### › Versatile Power

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

### › Precise, productive and reliable

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

- Induction hardened rolls
- Fully welded steel (St-52) frame
- Linear guides for roll movements
- All rolls are mounted in spherical roller bearings
- Cone rolling device
- Electronic Parallelism
- Special braking system
- Dual bending speeds
- Digital display
- Separate moveable control panel
- Hydraulically opened/closed drop end controlled from control panel
- Activation of cone rolling function and position adjustment via buttons on the control panel
- All rolls are driven by hydraulic motor and planetary reducer independently

### › Optional Features

- Variable speed of rotation
- Material feeding table
- Oil air cooler
- Central support
- Side supports
- Interchangeable top roll

## AHV

### TECHNICAL SPECIFICATIONS / TEKNİK BİLGİLER

MODEL	Working Length Çalışma Boyu	Max.Thickness Maks. Kalınlık	Pre-Bending Önbüküm	Top Roll Üst Top	Side Rollers $\phi$ Yan Toplar $\phi$	Motor Power Motor Gücü	Length Uzunluk	Height Yükseklik	Width Genişlik	
	mm	mm	mm	mm	mm	kW	mm	mm	mm	
AHV 30/70	3100	85	70	600	540	75	7000	3500	3600	Min $\phi$ : Üst Top Çapı x 5 Min $\phi$ : Top Roll Dia. x 5
AHV 30/85	3100	105	85	720	650	110	7400	4100	4300	
AHV 30/105	3100	125	105	800	680	132	7600	4400	4500	
AHV 30/125	3100	140	125	850	730	160	7800	4700	4800	
AHV 30/135	3100	150	135	880	760	171	8200	5000	5000	
AHV 30/150	3100	165	150	930	800	200	9000	5300	5300	
AHV 30/190	3100	200	190	1000	840	230	9800	5900	5800	
AHV 30/200	3100	220	200	1100	860	265	11000	6500	6300	
AHV 30/240	3100	260	240	1220	980	280	12000	6950	7000	

- The specifications above are based on steel with yield point 240 N/mm<sup>2</sup>
- For cone bending capacities, half of the above bending capacities shall be considered.
- Akyapak reserves the right to change all above specifications without prior notice.

- Yukarıda belirtilen değerler 240 N/mm<sup>2</sup> akma sınırı olan çeliğe göre verilmiştir.
- Konik kıvrıma için yukarıdaki değerlerin yarısı baz alınmalıdır.
- Akyapak, bu değerleri haber vermeksizin değiştirme hakkına sahiptir.