

RMT AB series angle rolls are designed to form steel or aluminium tubes and profiles. OUR CNC control technology can calculate all bending steps. Creation of the programs has never been easier or faster or the bending results better than with our new CNC control. The side roll can be variably adjustable. The AB is also suitable for bending heavy profiles precisely and with high quality. The dies are a modular design made from individual discs. The roller discs can be expanded and combined arbitrarily. Roller disc combinations can be made from steel and plastic.

All rolls are individually and directly driven. No chain drives or sliding clutches are used. The speed is automatically adapted to the diameter of the rollers as well as the profile width and the bending radius. Damage to the profile is avoided and the greatest possible feed force is achieved. The drives offer the highest torque, are maintenance-free and overload-proof.



AB-4 CNC

CNC Angle Roll

AB-4 CNC Specifications		
Section modulus (max)	610	in ³
Max. Rectangle tube bending capacity	HSS-6x3x.250 (A36)	Inch
Max. Square tube bending capacity	HSS-5x5x.250 (A36)	Inch
Max. Round tube bending capacity	6" SCH 40 (A36)	Inch
Shaft Diameters	3.54	Inch
Rolls Diameters	8.26 - 11.02	Inch
Shaft Length	12.20	
Max traveling distance of central roll (X)	16.14	Inch
Hydraulic bending force of central roll (X)	57	US Ton
Hydraulic bending torque	3 x 2655	Lb-Ft
Side rolls opening distances	17.38-29.02-39.34 23.07-37.79-43.30-47.04-51.97	Inch
Side supports stroke (Z1-Z2)	5.11	Inch
Bending speed	0-20 Can be adjustable	Rpm
Number of axes	X, R optional (Z1,Z2)	#
Positioning	VIS Hydraulic proportional flow control	
Air Pressure	87	PSI
CNC control	Eisa	
Electrical hardware	Siemens, Schneider, Weid Müller, Hager-Gem, 800 class electrical cabinet	
Hydraulic Hardware	Duplomatic (Made in Italy)	
Dimensions (LxWxH)	77x65x59	Inch
Weight	7936	Lbs
Operating Voltages	480 / 3PH / 60Hz	V
Power Consumption	.30	HP
Full Load Amps (380 V / 3 phase)	43	Amps

Capacity based on mild steel | = be changed according to deformation
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.

