

## W12CNC-10x2000

### Four Roller Bending Machine

No. 23A071305-3



(the photo only to be for reference)

### Specifications:

Max. rolling thickness when full loaded	SS: $\leq 8\text{MM}$
	MS: $\leq 10\text{MM}$
Max. Pre-bending thickness when full loaded	SS: $\leq 6\text{MM}$
	MS: $\leq 8\text{MM}$
Max. rolling width(B)	2000MM
Min. roll diameter	SS: 400MM




when max. Specification(D)	MS: 400MM	
Plate yield limit	245MPA	
Upper roller diameter	240MM	
Down roller diameter	220MM	
Down roller speed	80MM/MIN	
Side roller diameter	180MM	
Side roller speed	240MM/MIN	
Working roller	Material	45# and 42CrMo
	Hardness	HB240-286
Hydraulic system pressure	19.5Mpa	
Rolling speed	4.5M/MIN	
Main motor power	7.5KW	
Round accuracy	≤0.4D MM	
Straightness accuracy	≤0.15%B	
Min rolling thickness	0.8MM	
Dimension(L*W*H)	4300x1300x1350MM	
Weight	4800KG	

## **Machine construction:**

W12 is four-roller plate bending machine, top roller is the main drive and do rotation movement, lower roller makes up-down movement to make the plate can get the fabrication along with length direction, two side rollers makes up-down movement which is an angel with straight line, which can make the steel plate get the needed plastic deformation. Because adjust the side roller can achieve symmetric bending and asymmetrical bending, the

flat end will be very short in theory, comparing with three-roller plate rolling machine, which can save pre-bending procedure and pre-bending device, meanwhile it can make rough leveling of steel plate. It is extensively applied in petroleum industry, chemical industry, boiler, shipbuilding industry, hydroelectricity, metal structure and machinery industry.

## **Machine configuration:**

System	Siemens PLC	
Cabinet	Supertech	
Frame	Supertech	

Cone rolling device

Supertech



**Rolling types:**

Pipe rolling



Cone rolling



Oval rolling



Arc rolling



## **Optional configuration:**

Rubber rollers



Chrome rollers



Vertical support



Side support



Feeding table



Support rollers

