

# PLATE BENDING MACHINE — THREE ROLLS



## GJW11 Mechanical Symmetrical Series

### Product Description



The mechanical symmetrical 3-roll rolling machine has 3 symmetrically arranged rolls and the upper roll is located at center of two lower rolls. A worm and gear drive and a screw rod and screw auxiliary drive are used to drive rolls to move vertically. The gear on main speed reducer is used to mesh the gears of both lower rolls for rotation so as to provide torque for rolling plate metal plate is located among three working rolls (two lower rolls and one upper roll) and subsequently continuously bent under pressure of upper roll and rotation of lower rolls to generate permanent plastic deformation on plate so as to roll the plate to required shape such as cylinder, taper cylinder or arc. The disadvantage of mechanical symmetrical 3-roll rolling machine is the end of plate can not be bent preliminarily.

### Structural Features



1. Mechanical 3-roller symmetrical plate rolling machine.
2. The machine is composed by two main parts, there are working parts and transmission parts. Working parts include two lower roller and one upper roller with roller bearings. The lower roller is the capstan, the upper roller is driven roller. Height of upper roller can be adjusted freely. Besides, the transmission part contain main motor, reduction box, etc.
3. The main motor drive the main reduction box, and then the main reduction box drive the lower roller. Direction of rotation of the lower roller can be controlled by the main motor.
4. Subsidiary motor drive the subsidiary reduction box, then the upper roller could perform vertical movement.
5. Unloading equipment can help operator take out finished products.

### Selection Guide

Our company has **three series** of the three rolls plate bending machine

- GJW11S Hydraulic Pre-bending
- GJW11 Hydraulic Non-bending
- GJW11 Mechanical Symmetrical

HOW CAN CHOOSE THEM?

WHAT ARE THE DIFFERENCES BETWEEN THEM?



GJW11S Hydraulic Pre-bending

- Pre-bending
- Hydraulic Drive

GJW11 Hydraulic Non-bending

- Non-bending
- Hydraulic Drive

GJW11 Mechanical Symmetrical

- Non-bending
- Mechanical Transmission

### Technical Parameter

Model	Max.Roll Thickness	Max.Roll width	Upper roller diameter	Side Roller diameter	Motor
	mm	mm	mm	mm	Kw
GJW11-6x2000	6	2000	170	160	5.5
GJW11-8x2000	8	2000	185	170	5.5
GJW11-10x2000	10	2000	235	180	7.5
GJW11-10x2500	10	2500	250	180	7.5
GJW11-12x2000	12	2000	250	180	7.5
GJW11-12x3000	12	3000	280	240	11
GJW11-16x2000	16	2000	260	220	7.5
GJW11-16x3000	16	3000	320	260	15
GJW11-20x2000	20	2000	280	240	15
GJW11-20x3000	20	3000	370	270	18.5
GJW11-25x2500	25	2500	360	300	22
GJW11-25x3000	25	3000	400	350	30
GJW11-30x2500	30	2500	400	350	30
GJW11-30x3000	30	3000	450	390	30

### Our Sevices

#### Pre-service

1. We will help you confirm the model of our machine according to your offered pipe information.
2. You are very welcome to see our machine how to work in the factory before you place an order with us.

#### Aftersales-service

1. We will supply all the control system and software operate manual, so you can operate the machine easily refer it.
2. All the machine problem, you can ask me any time, we will help you solve by online way, or tel, email, remote video at first time, if all these can't solve your problem, our engineer will go to your factory to help you on spot.
3. Welcome to our factory for learning how to operate machine, one professional engineer will together with you, this service for free.

### Contact Us



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