

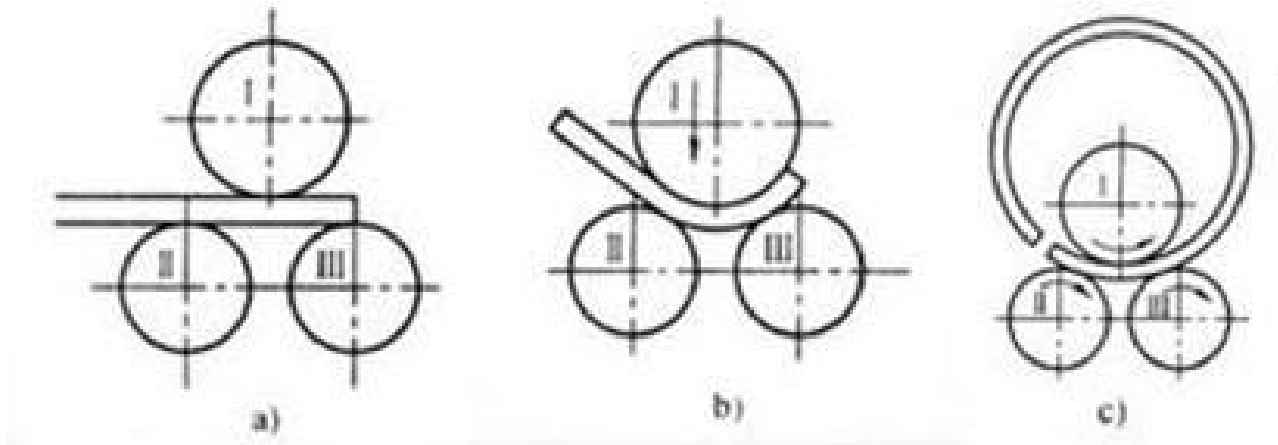
W11 series 3 rolls mechanical symmetrical rolling machine



BRIEF INTRODUCTION

1. The design meets EU international standards. The fuselage eliminates internal stress by annealing and ensures higher precision and strength All machines are designed using SOLID WORKS 3D programming and made with enhanced ST44-1 quality steel with the latest technology.
2. Consists of the operation part and the transmission part which is welded at the whole bottom pallet. The operation part consists of left and right bearing housing, one upper roller, two lower rollers, lifting gears and some accessories. The lower roller is the main one, the upper roller can be adjusted to the height. The transmission part consists of the main motor, speed-reducing motor and other accessories. The operation part consists of left and right bearing housing, one upper roller, two lower rollers, lifting gears and some accessories. The lower roller is the main one, an upper roller can be adjusted to the height. The transmission part consists of the main motor, speed-reducing motor and other accessories.
3. The structure style of this machine is 3 roller symmetrical. The top roller does the movement of elevation in the central position of the two bottom rolls. It's transmitted by screw nut and worm gear. Two bottom rolls are main drive rolls. They rotate by the meshing between the output gear of the gear box and the bottom roller and supply the torque for bending plate. It's compact, maintain and very easy to operate.
4. The main components are: three 45 steel forged rollers, HRC3545, the support frame is welded, the process after being welded, the lower pallet is a welded part. Ball bearing screw and worm gear are 45 steel forged parts.
5. The lower roller is driven by the main motor through the main reducer. The main reducer output shaft transmits to the two lower rollers through a group of the gear wheel. The roller driving direction is switched by the main motor.
6. The offloading device is used after the round cylinder have been finished. Before leaving the left bearing seat raises the upper roller to standard height, and make the upper roller stop with balanced pull rod at the bottom of upper roller. Then draw out pin shaft on the tilting bearing seat, overturn the tilting

bearing seat, then the coiled product can emerge from one end of the upper roller.



STANDARD EQUIPMENT

- removable console is very easy for operate,
- Schneider electrics,
- Two sets of digital output for easy positioning of two lower rollers,
- The upper roller is electrically depressed through the console
- Surround metal cover: safety grade 4,
- Overload protection.

Detailed Pictures:



Front view of the rolling machine

Back view of the rolling machine





Right side of the rolling machine

Left side of the rolling machine



Removable console System to Make High Precision and High Speed.

Electrics(Schneider France):
Safety grade 4,safer,longer service life.More stable performance



Details of the 3 rollers:



machining process-of-rolling-machine:



W11 3- Rollers Mechanical Symmetrical Plate Rolling Machine Technical Parameters

Model	Max thickness	Max width	Plate yield limit	Rolling speed	Min.dia.of full loading	Dia.of upper roller	Dia.of lower roller	Distance between lower rollers	Main power
	(mm)	(mm)	(Mpa)	(m/min)	(mm)	(mm)	(mm)	(mm)	(KW)
W11-4*1500	4	1500	245	5	380	150	140	200	4
W11-4*2000	4	2000	245	5	380	160	150	220	4
W11-6*1500	6	1500	245	5	450	160	150	220	4
W11-6*2000	6	2000	245	5	450	170	160	220	5.5
W11-6*2500	6	2500	245	4.5	450	180	170	250	5.5
W11-8*1500	8	1500	245	5	600	170	160	220	5.5
W11-8*2000	8	2000	245	4.5	600	180	170	250	5.5
W11-8*2500	8	2500	245	4.5	600	240	180	280	7.5
W11-12*2000	12	2000	245	4.5	700	240	180	280	7.5
W11-12*2500	12	2500	245	4.5	700	260	220	320	11

W11-12*3000	12	3000	245	4	700	280	240	360	11
W11-16*2000	16	2000	245	4.5	700	260	220	320	11
W11-16*2500	16	2500	245	4	700	280	240	360	11
W11-16*3000	16	3000	245	4	700	340	270	440	15
W11-20*2000	20	2000	245	4	700	280	240	360	11
W11-20*2500	20	2500	245	4	700	340	270	440	15
W11-25*2000	25	2000	245	4	850	340	270	440	15
W11-25*2500	25	2500	245	4	850	370	280	480	22
W11-30*2000	30	2000	245	4	1000	370	280	480	22
W11-30*2500	30	2500	245	4	1000	420	360	550	30
W11-30*3000	30	3000	245	4	1000	450	390	600	30
W11-40*2500	40	2500	245	4	1200	500	400	600	37

Serial No.	Part Description	Brief instruction	Country of origin
1	Electrical components	Schneider Electrical	French
2	Main Motor	Siemens	Germany
3	Seal Ring	NOK	Japan
4	Foot switch	KACON	Korea
5	Travel switch	Schneider Electrical	French
6	Seal Ring	NOK	Japan
7	Safety Guard	GLDMA	China
8	Electricity leakage protection	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
9	Safety standards	<input checked="" type="checkbox"/> CE <input type="checkbox"/> CSA <input checked="" type="checkbox"/> NR-12 <input type="checkbox"/> OSHA	

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