

W11S Big Type Upper Roller Universal Plate Rolling Machine

W11S大型上辊万能式卷板机



Performance features

性能特点

- 上辊呈鼓形，下辊的下部有托辊配合调节，从薄板到厚板这一广泛的范围内能够卷制理想的制品
 - 独特的弯曲工艺，高精度端部预弯，连续弯曲无后角，弯曲过程数字控制
 - 具有卷制O形、U型、多段R等不同形状
 - 辅助锥筒装置，可以卷制锥体
 - 整体式底盘，基础简单，移动作业场所方便
 - 根据用途或用户要求，可以选择经济型数显机型、TNC数控机型
 - CE认证
- The upper roller is designed as drum shape. Support roller install in the lower of bottom roller to help bending a perfect cylinder from thin to thick plate
 - Special bending craft, high precision pre-bending of the edge, digital control for bending process
 - Rich shape bend such as O, U, R etc
 - Cone bending device for conical bend easily
 - Whole chassis, simple ground foundation, it is convenient to move the workplace
 - According to the role or requirement of customer, economic digital display type or TNC digital control type is optional
 - CE certificate



W11S Big Type Upper Roller Universal Plate Rolling Machine

Technical Parameters

W11S大型上辊万能式卷板机技术参数

结构形式 Structure style

- 该设备是利用三点成圆的原理，常温状态下将金属板材由平板卷制成弧形、筒形锥形工件的专用设备。具有以下动作：
 - 上工作辊垂直升降。动力：液压油缸 作用：给板材施加压力，使板材发生弯曲变形。
 - 上工作辊水平移动。动力：电动机 作用：调整上、下工作辊之间的水平距离，使上、下工作辊呈非对称布置，实现板材的端部预弯，减少直边长度。
 - 下工作辊旋转运动。动力：电动机 作用：为卷制板材提供扭矩。
 - 翻倒轴承体翻倒与复位。动力：液压油缸 作用：卸出卷成的工件。
- This machine is a special equipment to roll the plate into curve, cylinder, conical in the principle of three point circle. The action as below:
- Top roller move by vertical. Power: hydraulic oil tank. Role: put the pressure on the plate to make the plate bending deformation
 - Top roller move by horizontal. Power: electromotor. Role: adjust the horizontal distance between the top and bottom roller to make the top and bottom roller position in asymmetrical to pre-bend the sheet edge and decline the length of the flat zone
 - Bottom roller rotate. Power: electromotor. Role: supply the torque for bending plate
 - Opening device drop down and reset. Power: hydraulic oil tank. Role: take out the finished workpiece



型号 Model	上辊加压力 Pressure of top roller (Tons)	最大卷板厚度 Max. Bending thickness (mm)	预弯厚度 Pre. Bending thickness (mm)	最大卷板宽度 Max. Bending width (mm)	上辊直径 Top roller diameter (mm)	下辊直径 Bottom roller diameter (mm)	中心距 Center distance (mm)	电机, Main motor (Kw)		
								驱动用 Drive	油压用 Hydraulic	移动用 Movement
W11S-50x3000	540	50	40	3000	600	340	610	55	22	11
W11S-50x4000	690	50	40	4000	700	380	700	75	30	15
W11S-55x3000	610	55	45	3000	620	360	650	75	30	15
W11S-55x4000	850	55	45	4000	750	420	780	90	37	15
W11S-60x3000	690	60	50	3000	650	380	700	75	30	15
W11S-60x4000	930	60	50	4000	780	440	820	90	37	15
W11S-70x3000	850	70	56	3000	710	420	780	75	37	15
W11S-70x4000	1150	70	56	4000	840	480	920	110	45	18.5
W11S-75x3000	930	75	60	3000	740	440	820	90	37	15
W11S-80x3000	1050	80	65	3000	770	460	880	90	37	18.5
W11S-90x3000	1150	90	75	3000	820	480	920	110	45	18.5
W11S-100x3000	1350	100	80	3000	860	480	920	110	45	22
W11S-110x4000	1800	110	90	4000	950	600	1120	132	55	37
W11S-120x3000	1800	120	100	3000	920	580	1120	132	55	37
W11S-120x4000	2300	120	100	4000	990	640	1280	2x75	75	37
W11S-150x3000	2300	150	120	3000	1050	660	1280	2x75	75	45
W11S-160x3000	2500	160	130	3000	1080	700	1360	2x75	75	45
W11S-160x4000	2800	160	130	4000	1260	720	1380	2x90	90	45

由于产品在不断的改进中，如出现样本技术数据与产品实际数据有不一致处，应遵照双方的技术协议参数。不在另行通知。
Description and specification given in this catalogue are subject to modification without notice.

W11S Middle And Small Type Upper Roller Universal Plate Rolling Machine

W11S中小型上辊万能式卷板机



结构形式 Structure style

- 该设备是利用三点成圆的原理，常温状态下将金属板材由平板卷制成弧形、筒形锥形工件的专用设备。具有以下动作：
 - This machine is a special equipment to roll the plate into curve, cylinder, conical in the principle of three point circle. The action as below:
- 上工作辊垂直升降。动力：液压油缸 作用：给板材施加压力，使板材发生弯曲变形。
 - Top roller move by vertical. Power: hydraulic oil tank. Role: put the pressure on the plate to make the plate bending deformation
- 上工作辊水平移动。动力：电动机 作用：调整上、下工作辊之间的水平距离，使上、下工作辊呈非对称布置，实现板材的端部预弯，减少直边长度。
 - Top roller move by horizontal. Power: electromotor. Role: adjust the horizontal distance between the top and bottom roller to make the top and bottom roller position in asymmetrical to pre bend the sheet edge and decline the length of the flat zone
- 下工作辊旋转运动。动力：电动机 作用：为卷制板材提供扭矩。
 - Bottom roller rotate. Power: electromotor. Role: supply the torque for bending plate
- 翻倒轴承体翻倒与复位。动力：液压油缸 作用：卸出卷成的工件。
 - Opening device drop down and reset. Power: hydraulic oil tank. Role: take out the finished workpiece



Performance features

性能特点

- 上辊呈鼓形，下辊的下部有托辊配合调节，从薄板到厚板这一广泛的范围内能够卷制理想的制品
- The upper roller is designed as drum shape. Support roller install in the lower of bottom roller to help bending a perfect cylinder from thin to thick plate
- 独特的弯曲工艺，高精度端部预弯，连续弯曲无后角，弯曲过程数字控制
- Special bending craft, high precision pre-bending of the edge, digital control for bending process
- 具有卷制O形、U型、多段R等不同形状
- Rich shape bend such as O, U, R etc
- 辅助锥筒装置，可以卷制锥体
- Cone bending device for conical bend easily
- 整体式底盘，基础简单，移动作业场所方便
- Whole chassis, simple ground foundation, it's convenient to move the workplace
- 根据用途或用户要求，可以选择经济型数显机型、TNC数控机型
- According to the role or requirement of customer, economic digital display type or TNC digital control type is optional
- CE认证
- CE certificate

W11S Middle And Small Type Upper Roller Universal Plate Rolling Machine Technical Parameters

W11S中小型万能式卷板机技术参数

型号 Model	上辊加压力 Pressure of top roller (Tons)	最大卷板厚度 Max. Bending thickness (mm)	预弯厚度 Pre. Bending thickness (mm)	最大卷板宽度 Max. Bending width (mm)	上辊直径 Top roller diameter (mm)	下辊直径 Bottom roller diameter (mm)	中心距 Center distance (mm)	电机 Main motor (Kw)		
								驱动用 Drive	油压用 Hydraulic	移动用 Movement
W11S-4x2500	25	4	3.5	2500	200	125	160	4	2.2	1.1
W11S-6x2500	30	6	5	2500	210	125	160	4	2.2	1.1
W11S-8x2000	37	8	6.5	2000	210	135	180	4	2.2	1.1
W11S-8x2500	37	8	6.5	2500	235	135	180	5.5	2.2	1.1
W11S-10x2000	37	10	8	2000	235	135	180	5.5	2.2	1.1
W11S-10x2500	55	10	8	2500	250	145	200	7.5	4	1.1
W11S-12x2000	65	12	10	2000	250	145	200	7.5	4	1.1
W11S-12x2500	75	12	10	2500	265	145	200	7.5	4	1.5
W11S-12x3000	75	12	10	3000	290	150	245	11	4	1.5
W11S-16x2000	75	16	13	2000	265	150	245	7.5	4	1.5
W11S-16x2500	100	16	13	2500	300	165	270	15	5.5	1.5
W11S-16x3000	130	16	13	3000	330	180	300	15	5.5	2.2
W11S-20x2000	100	20	16	2000	300	165	270	15	5.5	1.5
W11S-20x2500	130	20	16	2500	330	180	300	15	5.5	2.2
W11S-20x3000	160	20	16	3000	380	200	330	18.5	7.5	2.2
W11S-20x4000	230	20	16	4000	440	235	380	30	11	4
W11S-25x2500	190	25	20	2500	380	220	360	22	7.5	4
W11S-25x3000	230	25	20	3000	410	235	380	30	11	4
W11S-25x4000	270	25	20	4000	490	250	400	30	11	4
W11S-30x2500	230	30	25	2500	410	235	380	30	11	4
W11S-30x3000	270	30	25	3000	450	250	400	30	11	4
W11S-30x4000	380	30	25	4000	550	275	460	45	22	5.5
W11S-35x2500	320	35	28	2500	450	250	400	30	11	4
W11S-35x3000	380	35	28	3000	510	275	460	45	22	5.5
W11S-40x2500	380	40	32	2500	500	275	460	45	22	5.5
W11S-40x3000	430	40	32	3000	540	290	500	55	22	7.5
W11S-40x4000	540	40	32	4000	630	340	610	55	22	11
W11S-45x3000	540	45	36	3000	590	340	610	55	22	11
W11S-50x2500	430	50	40	2500	580	290	500	55	22	7.5