

# W27YPC/W28K Tube Bending machine

## Characteristics

1. It adopts economic automatic CNC computer control
  2. Feeding axis, tilting axis adopts servo motor drive with high precision and excellent stability
  3. It adopts digital control oil-pressure both bending axis and motor-assisted
  4. Electric control system equipped fan, it will abstraction of heat automatically, you can choose digital control cooling machine if you need , make sure the life of the Electric
- The car feeding, scale setting, rotating angle, more elbow stereo fitting, can be automatically once completed, all in the touch screen, menu display operation on the industrial computer, convenient directly. The three dimensional space can automatic three-dimensional elbow pipe, replace imported products



弯管机技术参数表

产品名称与型号 Variety type		微电脑液压弯管机 Hydraulic and PLC Pipe Bender W27YPC—					三座标立体弯管机 Hyalrhalo Pipe 3D and CNC.NC Bender W28K—				
		60	76	89	114	121	168	219	273	325	402
最大弯管规格 Max.O.D	mm	Φ60 ×5	Φ76 ×6	Φ89 ×8	Φ114 ×8	Φ121 ×8	Φ168 ×14	Φ219 ×160	Φ273 ×18	Φ325 ×20	Φ402 ×25
管材的屈服极限 Yield Limit	Mpa	≤245	≤245	≤245	≤245	≤245	≤245	≤245	≤245	≤245	≤245
最小弯管规格 Min.O.D	mm	Φ10	Φ15	Φ20	Φ30	Φ30	Φ60	Φ76	Φ89	Φ114	Φ159
最大弯曲半径 Max.B.R	mm	R 300	R 400	R 450	R 550	R 600	R 800	R 1000	R 1200	R 1500	R 1800
最小弯曲半径 Min.B.R	mm	R50	R60	R80	R100	R150	R200	R250	R300	R350	R400
标准芯杆长度 Length of the mandrel	mm	2500	3000	4000	5000	6000	6000	8000	9000	10000	12000
最大弯曲角度 Max Bending angle	(°)	195	195	195	195	195	195	195	195	195	195
弯曲速度 (B轴) Bending sped(B Axis)	r/mi n	3	2.6	2.0	1.25	1.1	0.72	0.45	0.3	0.2	0.1
返回速度 Bend arm return	r/mi n	4	5	4	3.2	2.9	2.2	1.8	1.4	1.2	1.0
小车 Trun- dle	送进速度 (Z轴) feeding speed (Z Axis)	m/m in	0-30	0-30	0-30	0-25	0-25	0-20	0-20	0-10	0-10
	空间转角速度 (C轴) 轴)POB Speed(C Axis)	r/mi n	0-20	0-20	0-15	0-10	0-10	0-8	0-6	0-4	0-2
机器重复精度 Machine repeat precision	B、C轴 (B C Axis)	(°)	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.2	±0.2	±0.2
	Z轴 (Z Axis)	mm	±0.1	±0.1	±0.1	±0.1	±0.1	±0.2	±0.3	±0.4	±0.5
液压系统工作压力 Hydraulic Pressure	Mpa	≤8	≤12	≤12	≤14	≤16	≤16	≤18	≤20	≤25	≤25
油泵额定压力 Oil Pump Pressure	Mpa	12	16	16	21	21	21	25	25	25	25
油泵电机功率 Motor Power	KW	5.5	7.5	11	15	18.5	22	30	45	55	75
机器外形 (长×宽×高) (L×W×H) Measurement	m	3	4	5.5	6	7	8	9.5	11	12	14
	M	1.2	1.5	1.7	1.8	1.9	2.1	2.2	2.5	2.9	3.5
	m	1.1	1.2	1.3	1.5	1.5	1.6	1.8	2	2.2	2.5
机器重量 Weight	Kg	1400	2000	4000	5500	6000	15000	20000	26000	32000	40000

若有特殊要求, 可提供特殊附件 (如防皱装置、辅推装置、机身加长)。

Special toolings supplied on special requirement.

超范围需使用管模。(如: 防皱块、多球芯轴、滑板模)

Please consult us in case of specific tooling bendings.