

**YXH--A NAME OF
TRUST-WORTHY**


20 Years, Manufacturing Stainless Steel Intelligent Tube Mills



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Tube Mill With Intelligent System

As one of the leading enterprises in Stainless Steel Tube Mill industry, YXH has been specializing in producing pipe making machine, Pipe polishing machine and Roll sets in last 20 years. To ensure the finished product quality, YXH controls every production process by professional teams, such as design, purchasing of raw material, production process and quality inspection. High quality, competitive price, we are pretty sure that we will be your right choice.

In a word, if you are interested in our Tube Mill, please don't be hesitated to contact us.

Company Slogan

Professionalism; Dedication; Innovation; Excellence



YXH India branch office established on 2016/8/1



Adopting advanced technology and strict quality control system,we are dedicated to improving the high quality and professional service.



Tube Mill Warehouse



Advanced U.S. Processing Equipment



Panel Processing Center



CNC Cutting Machine



CNC



CNC Of 80Type



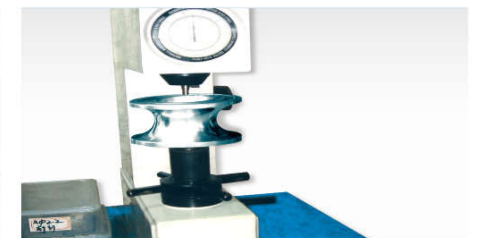
Processing Center



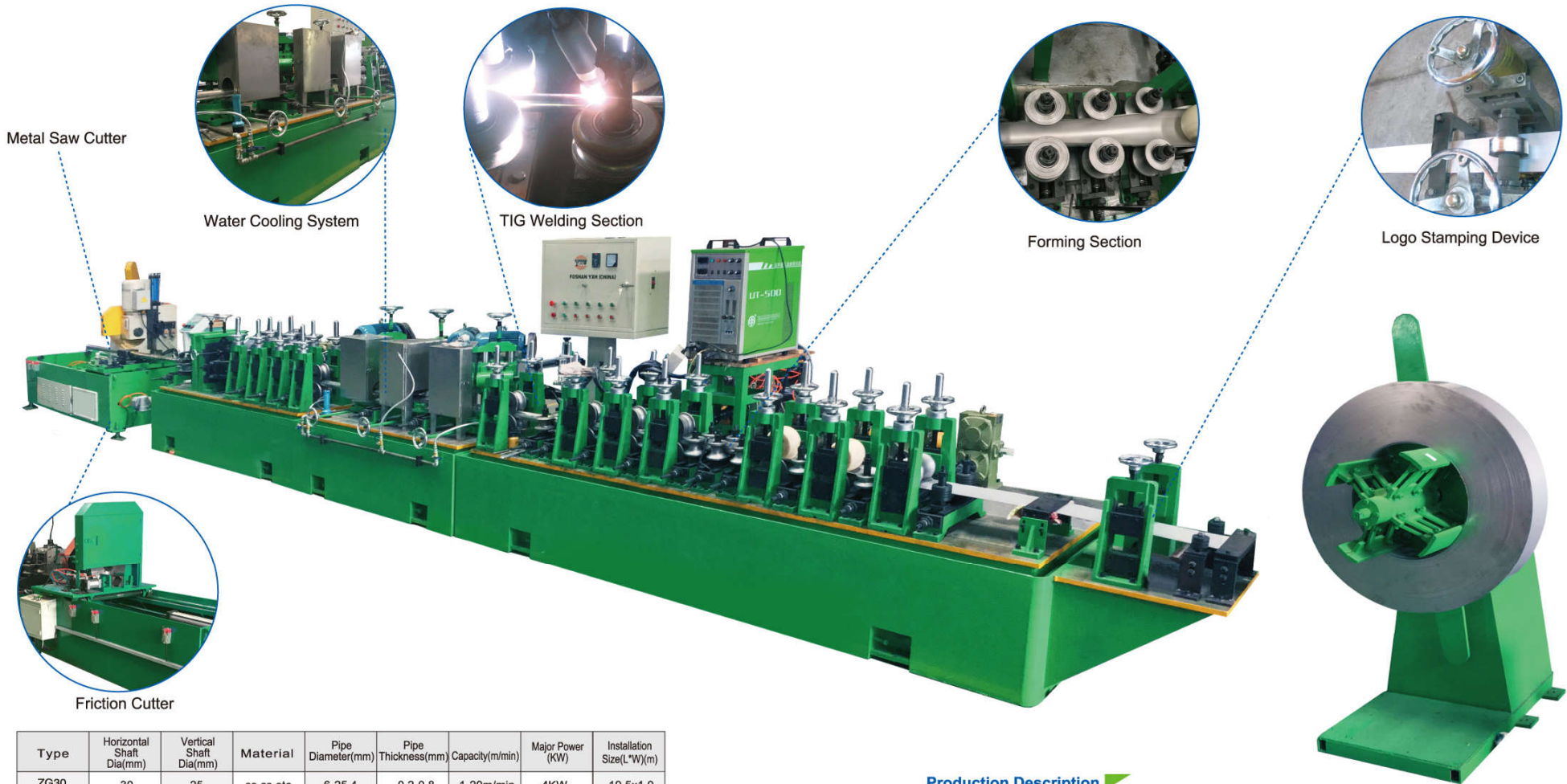
Production Site



High-precision Inner Circle Grinding Machine



Roll sets Hardness Testing

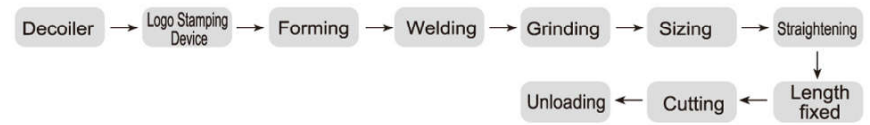


Type	Horizontal Shaft Dia(mm)	Vertical Shaft Dia(mm)	Material	Pipe Diameter(mm)	Pipe Thickness(mm)	Capacity(m/min)	Major Power (KW)	Installation Size(L*W(m))
ZG30	30	25	ss,cs etc	6-25.4	0.2-0.8	1-20m/min	4KW	19.5x1.0
S-ZG40	40	25	ss,cs etc	6-31.8	0.2-1.2	1-20m/min	5.5KW	20.0x1.0
ZG40	40	25	ss,cs etc	8-50.8	0.2-1.5	1-15m/min	7.5KW	21.5x1.1
BB-ZG40	40	25	ss,cs etc	8-50.8	0.2-2.0	1-15m/min	11KW	21.5x1.1
B-ZG40	40	25	ss,cs etc	12.7-63.5	0.3-2.0	1-10m/min	11KW	21.5x1.1
ZG50	50	30	ss,cs etc	25.4-76.2	0.4-2.5	1-7m/min	15KW	24.0x1.2
ZG60	60	40	ss,cs etc	38.1-114	0.5-3.0	1-5m/min	18.5KW	26.0x1.4
ZG80	80	50	ss,cs etc	76.2-168	1.0-4.0	1-3m/min	22KW	38x2.2
ZG100	100	60	ss,cs etc	159-325	1.0-6.0	1-3m/min	30KW	56x2.3

Production Description

Decorative Stainless Steel Pipe Making Machine mainly produces stainless steel pipes used for decoration such as furniture, hand railing, household electric appliance, etc. This machine not only can make round pipe, but also square pipe, rectangle pipe, oval pipe and other irregular pipe as well

Production Process





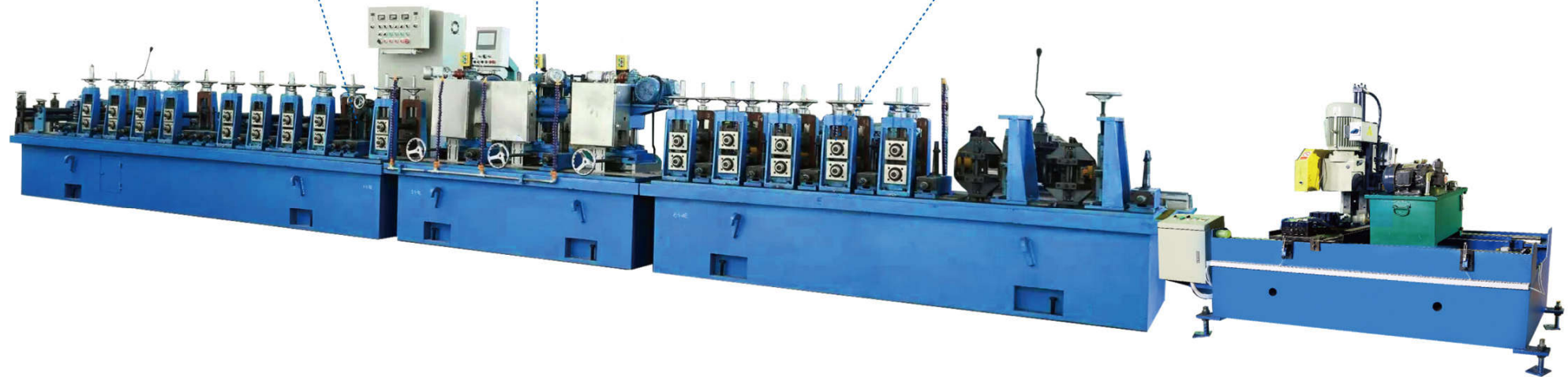
TIG Welder/PT Welder



Semi-Automatic Grinding Section



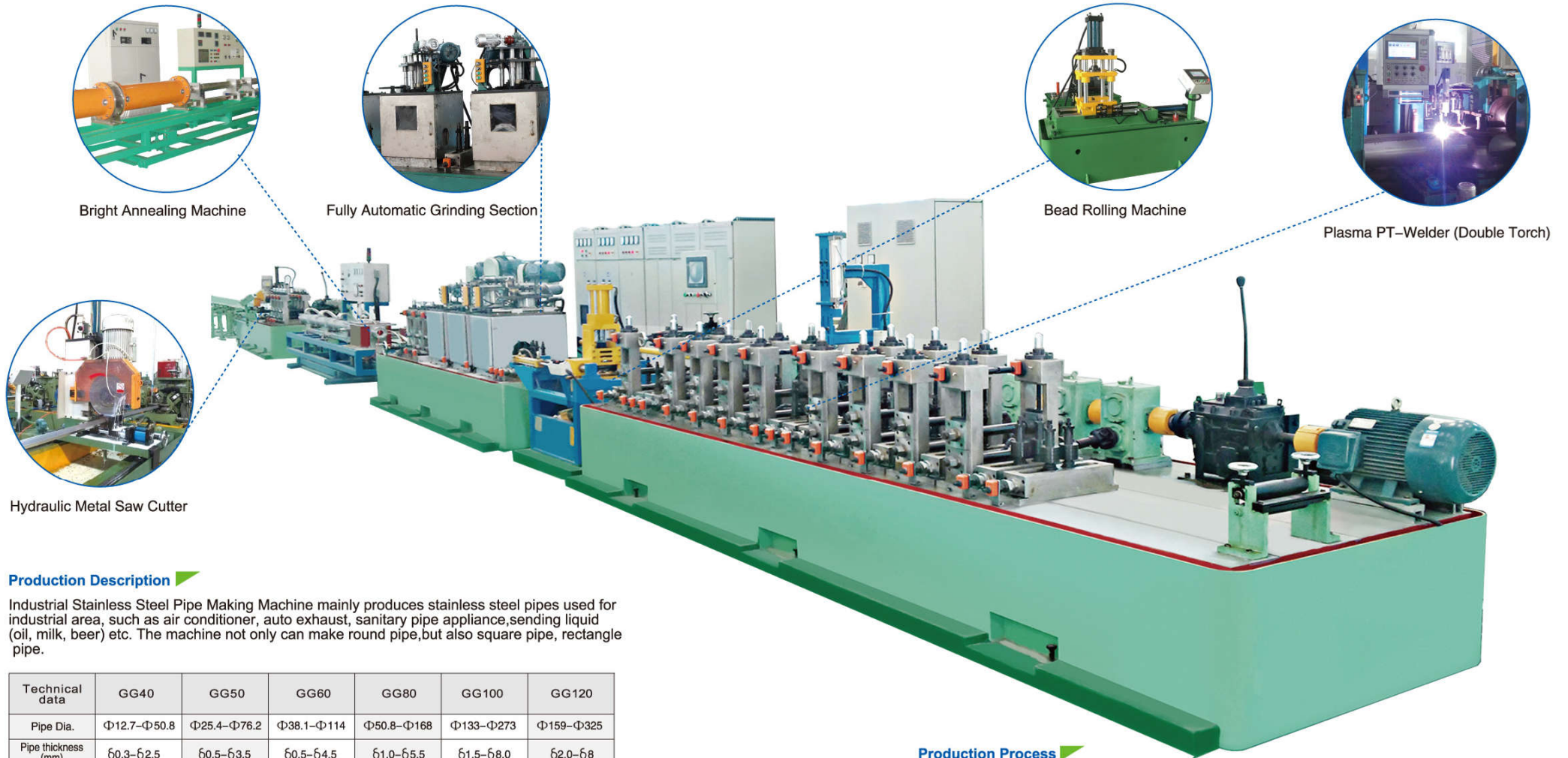
Needle Bearings in operation side Horizontal Stand, easier and faster to change the Roll Sets



Technical data	GY40	B-GY40	GY50	GY60	GY80	GY100	GY120
Pipe Dia.	Φ12.7-Φ50.8	Φ25-Φ63.5	Φ25.4-Φ76.2	Φ38.1-Φ114	Φ50.8-Φ168	Φ133-Φ273	Φ159-Φ325
Pipe thickness (mm)	6.0-6.2.0	6.0-6.2.0	6.0-6.3.0	6.0-6.4.0	6.1.0-6.5.0	6.1.5-6.8.0	6.2.0-6.8
Major motor (kw)	2 motors driven front 7.5kw rear 7.5kw	2 motors driven front 11kw rear 7.5kw	2 motors driven front 15kw rear 11kw	2 motors driven front 18.5kw rear 15kw	2 motors driven front 22kw rear 18.5kw	2 motors driven front 30kw rear 22kw	2 motors driven front 45kw rear 30kw
Polishing motors(kw)	3kw X 3sets	3kw X 3sets	3kw X 3sets	3kw X 3sets	3kw X 3sets	4kw X 4sets	4kw X 4sets
Note	We accept orders with client's designs						

Product features: ▶

1. GY series stainless steel welded pipe production lines are mainly for the production of stainless steel and carbon steel thicker pipes (round pipes) mainly used in industrial area or high requirement in decorative area.
2. Automatic production procedure: Decoiler, logo stamping, forming, welding, grinding, diameter fixing, straightening, cutting and unloading, etc., as continuous forming process.

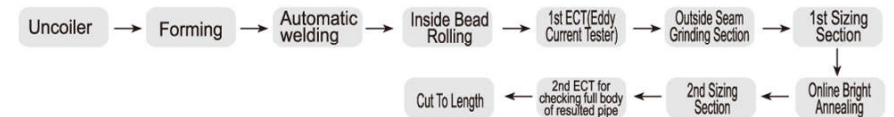


Production Description

Industrial Stainless Steel Pipe Making Machine mainly produces stainless steel pipes used for industrial area, such as air conditioner, auto exhaust, sanitary pipe appliance, sending liquid (oil, milk, beer) etc. The machine not only can make round pipe, but also square pipe, rectangle pipe.

Technical data	GG40	GG50	GG60	GG80	GG100	GG120
Pipe Dia.	Φ12.7-Φ50.8	Φ25.4-Φ76.2	Φ38.1-Φ114	Φ50.8-Φ168	Φ133-Φ273	Φ159-Φ325
Pipe thickness (mm)	δ0.3-δ2.5	δ0.5-δ3.5	δ0.5-δ4.5	δ1.0-δ5.5	δ1.5-δ8.0	δ2.0-δ8
Major motor (kw)	2 motors driven front 11kw rear 7.5kw	2 motors driven front 15kw rear 11kw	2 motors driven front 18.5kw rear 15kw	2 motors driven front 22kw rear 18.5kw	2 motors driven front 30kw rear 22kw	2 motors driven front 45kw rear 30kw
Polishing motors(kw)	3kw X 3/set	3kw X 3/set	3kw X 3/set	3kw X 3/set	4kw X 4/set	4kw X 4/set
Note	We accept orders with client's designs					

Production Process





Pipe Specs

Pipe Type	Specification (mm)	Tolerance Range	Hardness
Round Pipe	Φ5 - Φ325	Roundness+/-0.05	HRC63 - 65
Square Pipe	F10X10 - F300X300	Flatness+/-0.04	HRC63 - 65
Rectangle Pipe	F10X20 - F120X60	Flatness+/-0.04	HRC63 - 65

Material

NO.	Material Science	Varieties
1	Cr12Mov	From Dongbei Special Steel Co.,Ltd / Daye Special Steel Co.,Ltd / Export Standard From Big Private Company
2	SKD11	From Dongbei Special Steel Co.,Ltd / Daye Special Steel Co.,Ltd
3	D2	From Dongbei Special Steel Co.,Ltd / Daye Special Steel Co.,Ltd

Roller heat

NO.	Treatment method	Roller HRC
1	Vacuum Heat Treatment	HRC61-63
2	Vacuum gas quenching and minus 200°C degrees, cooling, tempering, to improve the hardness.	HRC63-65

Production Process



Roll Sets & Finished pipes as follows



Roll Sets For Rectangular/Square Pipe

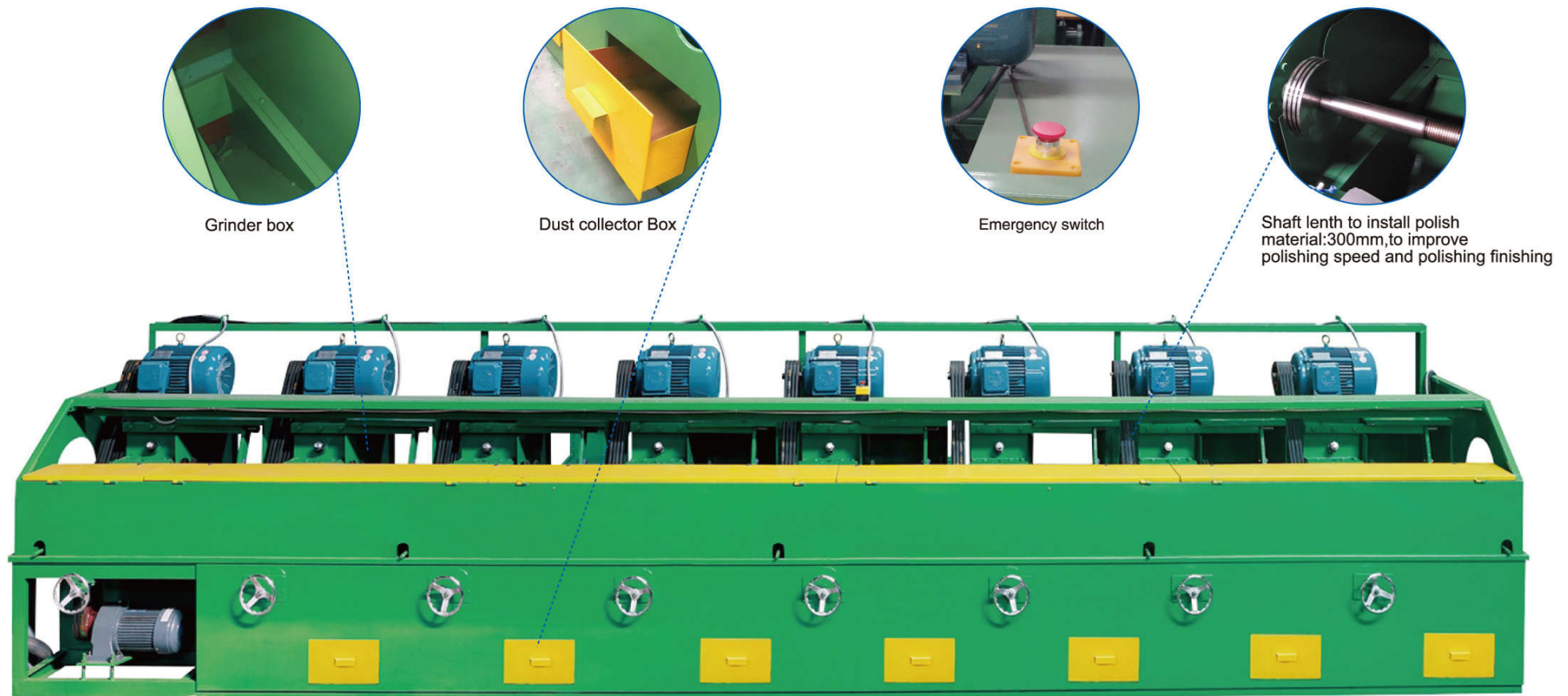


Roll Sets For Round Pipe



Roll Sets For Stotted Pipe

The Roll Sets will be installed on Pipe Making Machine/Tube Mill to make Stainless Steel/Carbon Steel Pipes. They are with high precision, high durability and long service life, to reduce marking scratch on pipe surface. What's more, we also customized the Roll Sets for you.



Grinder box

Dust collector Box

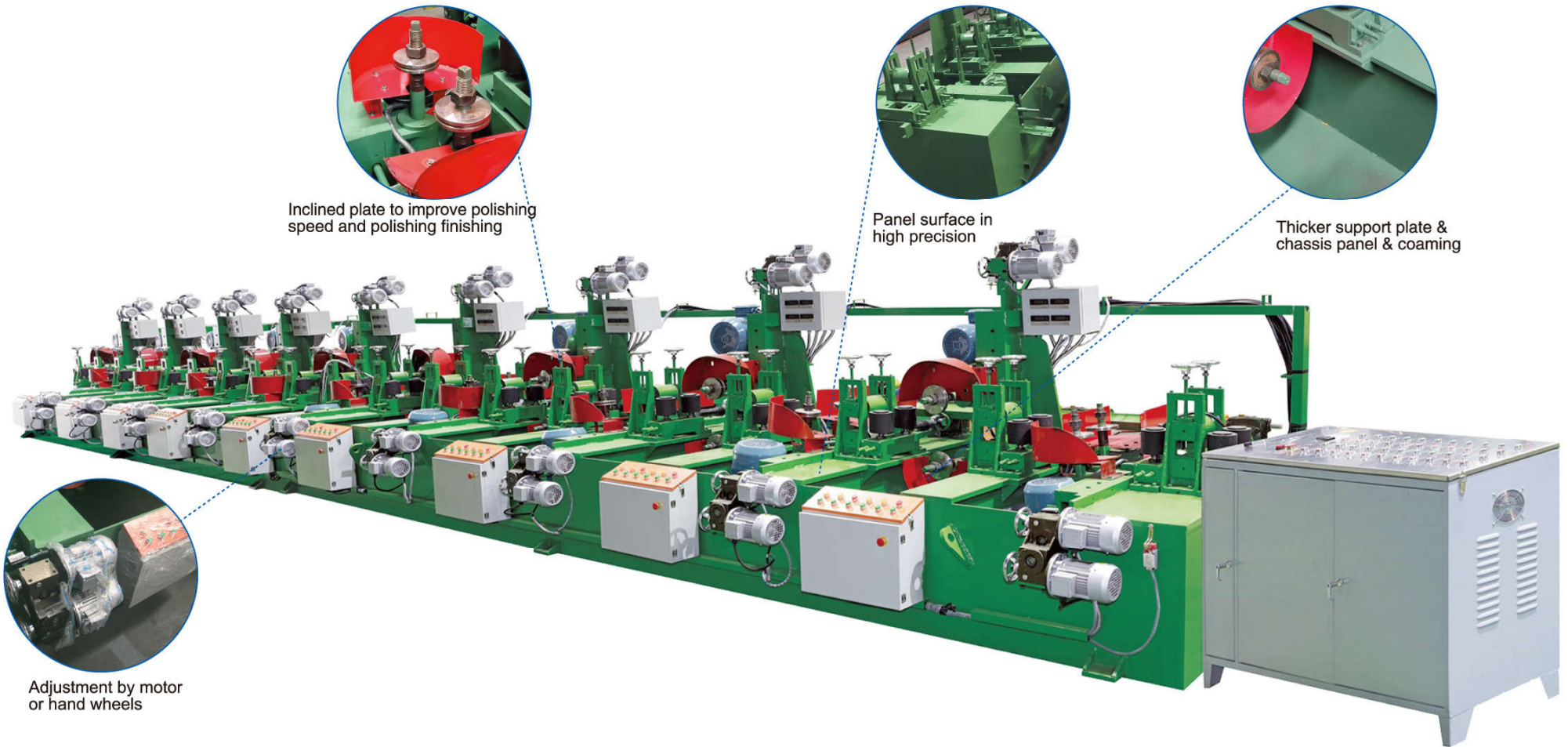
Emergency switch

Shaft length to install polish material:300mm,to improve polishing speed and polishing finishing

Model	Mojo motor	Grinding head motor	Shaft diameter	Pipe diameter	Capacity	Machine size(LxWxH)	Weight
6Head	3KW	4KWx6	Φ36/M36	Φ 8- Φ38	3-30M/NIM	4000x1270x1200	2.5T
8Head	3KW	5.5KWx4+4KWx4	Φ36/M36	Φ12- Φ63	3-30M/NIM	5600x1270x1200	4T
10Head	3KW	5.5KWx5+4KWx5	Φ36/M36	Φ19- Φ63	3-24M/NIM	7020x1270x1200	4T
B-6Head	4KW	7.5KWx6	Φ36/M36	Φ114- Φ219	1-12M/NIM	4500x1550x1330	4T
B-8Head	4KW	5.5KWx8	Φ36/M36	Φ 38- Φ 133	2-18M/NIM	5600x1450x1330	4T
B-10Head	4KW	5.5KWx10	Φ36/M36	Φ50.8- Φ133	2-30M/NIM	7020x1450x1330	5.5T

Production Description

The Round Pipe Polishing Machine is mainly used for polishing the surface of round pipes. It offers economic solution for mirror polishing, sand polishing and matte polishing of tubes, using flap wheels, sisal wheels, cloth wheel, sisal mixed, cloth wheels and polishing wax.



Inclined plate to improve polishing speed and polishing finishing

Panel surface in high precision

Thicker support plate & chassis panel & coaming

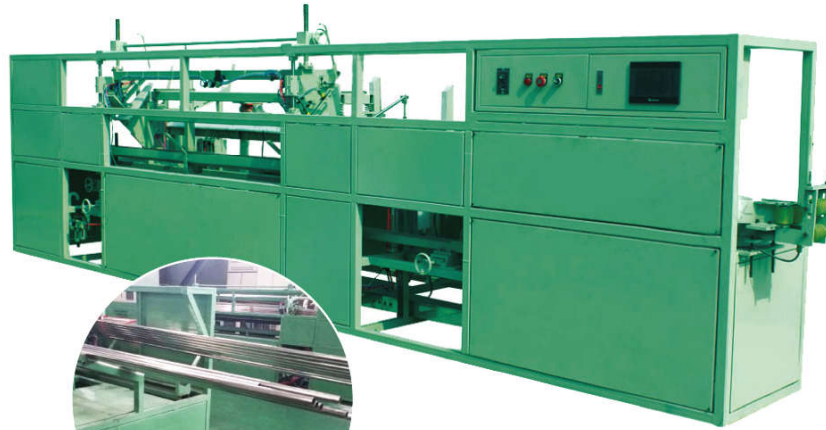
Adjustment by motor or hand wheels

Model	Power	Totalpower	Shaft diameter	Pipe diameter	Capacity	Machine size(LxWxH)	Weight
FP-28	5.5KW	5.5KWx12+4KWx16	Φ36/M36	13x13-95x95	3-30M/NIM	10500x1900x1300	9T
FP-32	5.5KW	5.5KWx12+4KWx20	Φ36/M36	13x13-95x95	3-30M/NIM	13040x1900x1300	11T
FP-36	5.5KW	5.5KWx24+4KWx12	Φ36/M36	13x13-95x95	3-30M/NIM	14500x1900x1300	13.5T

Production Description

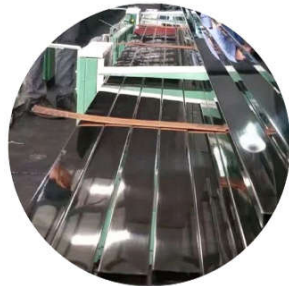
The Square Pipe Polishing Machine is mainly used for polishing the surface of square and rectangle pipes. It offers economic solution for mirror polishing, sand polishing and matte polishing of tubes, using flap wheels, cloth wheel, sisal mixed, cloth wheels and polishing wax.

Automatic Feeding Shelf For Round Pipe Polishing Machine ▶

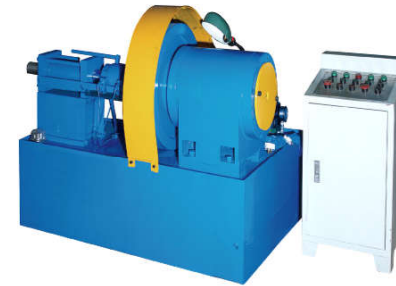


Advantage: Save Labours, One person operates two machines

Automatic Unloading Shelf For Square Pipe Polishing Machine ▶



Advantage: Tube Surface Not Damaged



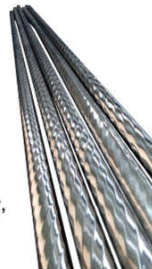
Pipe Embossing Machine ▶

- Pipe material: Stainless Steel Pipe, Carbon Steel Pipe, Iron Pipe, Aluminum Pipe etc
- Machine Advantage: Cost-effective, Low Processing Cost, High Efficiency, High Speed



Pipe Thread Machine ▶

- Pipe material: Stainless Steel Pipe, Carbon Steel Pipe, Iron Pipe, Aluminum Pipe etc
- Machine Advantage: Cost-effective, Low Processing Cost, High Efficiency, High Speed



Pipe Tapering Machine ▶

- Pipe material: Stainless Steel Pipe, Carbon Steel Pipe, Iron Pipe, Aluminum Pipe etc
- Machine Advantage: Cost-effective, Low Processing Cost, High Efficiency, High Speed



Taiwan design



Double cutter shaft

Production Description

The series production line is used for the metal plate decoiling, slitting and winding into several volumes needed width coil plate. Suitable for processing of cold rolled and hot rolled carbon steel, silicon steel, tinplate, stainless steel and the surface of all kinds of metal plate after plating. The Slitting Line PLC control, human-machine interface, according to a high degree of automation, simple operation and reliable.

Composition Part

- Coil loading car
- Decoiler
- Slitter
- Scrap edge winding machine
- Tension Station
- Winding Machine
- Coil unloading car

Model	Plate Thickness (mm)	Plate Width (mm)	Plate Weight (T)	Slitting Speed (m/min)	Capacity (KW)	Installation Size (L*W) (m)
HZ-JB450	0.2-2.0	100-400	3	0-100	50	13x4
HZ-JB650	0.2-2.0	150-600	6	0-150	80	15x4
HZ-JB850	0.2-3.0	150-800	8	0-200	90	15x4
HZ-JB1050	0.3-3.0	300-1000	10	0-150	150	15x5
HZ-JB1400	0.3-3.0	400-1350	10-20	0-150	250	18x7
HZ-JB1600	0.3-3.0	600-1550	15-32	0-150	380	20x8

The above design and data is just for clients' reference. Customized service is available.

High Efficiency Intelligent Bright Annealing Machine



High Efficiency Intelligent Bright Annealing Machine can heat the stainless steel welded pipe to 1050°C then cool it to the temperature lower than 100°C under the protection of hydrogen. The heating power supply of the intermediate frequency induction is the newest DSP+IGBT structure. With DSP digital control system, there are self protection and self diagnosis functions. With small volume, it heats pipes rapidly and efficiently with energy-saving and low-waste features. The especially developed inducer designed according to the features of stainless steel can save 15%--20% energy in contrast of other products of the same class. Using hydrogen as protective gas, it uses only a few litres of gas every minute.

Bead Rolling Machine



Bead Rolling Machine is used for on-line treatment of welded joints of stainless steel pipe, rolling on the inner and outer welded joints repeatedly to keep the joints smooth and make the welded pipe seamless. With PLC and auto control of radio of hydraulic pressure, the performance is stable and the rate of production is high and it is easy to use. With error output setting, start input and coupling of pipe production line, it is indispensable for production of senior industrial welded pipes.

Online Pipe Cutting Machine for Tube Mill



1. Cutting machine wave box 3 drive output torque. Machine length of 2.2 meters,
2. The field test rectangular 25 X 25/0.5mm cutting speed of up to 25m/ points, So that the production rate of the pipe production is not limited.

Model	AC400 Vertical type
Tube Mill Model	B-50/Standard 60
Cutting Machine	3.2X0.8X1.7M
Production Standards	6Th Generation
Optimum Cutting Range	Round Pipe: $\phi \leq 133$, Square Pipe $\phi \leq 100 \times 100$
Thickness Cutting Ability	Stainless Steel $\leq 3.5\text{Mm}$, Carbon Steel $\leq 10.0\text{Mm}$
Maximum Size Of Saw Blade	$\phi \leq 450$
Major Power	6.3Kw

Offline Fully Automatic Pipe Cutting Machine

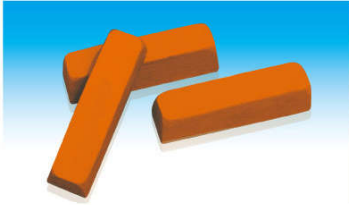


1. Fully automatic continuous feeding
2. Burr free, smooth and non-deformable surface of cut
3. Head tail pieces cut off and outfeed separate automatically.
4. Auto cutting counter, stop remind, saw blade replace
5. Automatic mechanical position, guarantee cutting accuracy +0.10mm (depends on pipe material length & perpendicularity)
6. 1 person can operate 10 machines at the same time to ensure mass production

Model	LX-ZY-425	
Working pressure	$\approx 0.6\text{Mpa}$	
Saw blade speed	39/58/69/105r/min	
Saw size	Diameter: HSS425 Inner hole: $\phi 32$	
Motor power	2.2/2.8kw	
Feeding mode	Intelligent automatic feeding	
Clamping mode	Hydraulic pressure	
Raw material length	6000mm(standard, can be customized)	
Head length	10-30mm	
Tail length	20-30mm	
Oil pressure system	Oil Pressure(kg/cm ²)	2.5-4MPa
	Oil storage capacity(L)	55L
Net weight(KG)	1.8t	
Machine dimensions(LxWxH)(mm)	8500x950x1850mm	

Cutting capacity (Mild Steel)mm		
Cutting pipe OD	51-120mm	
Cutting thickness	<6.0 (carbon steel) <3.0 (stainless steel)	
Cutting length	50mm-1500mm standard (could be customized)	

Orange Polishing Soap / Wax



For longer antirust effect; Better to remove the marking and scratches after polishing; Make pipe surface more shining
Material: From Japan
Green Sisal Wheel



Specification
Diameter:200-450mm
Thickness:12/15/20/25mm
Hole size:36/38/127/181mm or customized

Cloth Wheel



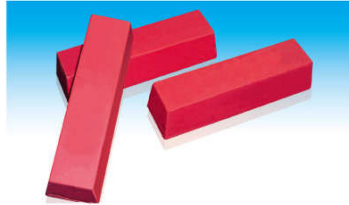
Specification
Diameter:200-450mm
Thickness:12/15/20/25/30mm
Hole size:36/38/127/181mm or customized

Flap Wheel



Specification
Diameter:250-450mm
Thickness:10-150mm
Grit:80#-1200#
Hole size:25.4/36/38/127/181mm or customized
Mainly use for Polishing Machine

Red Polishing Soap / Wax



To polish the pipe surface
Material: From China

Cloth Sisal Wheel



Specification
Diameter:200-450mm
Thickness:12/15/20/25/30mm
Hole size:36/38/127/181mm or customized

White Cloth Wheel



Specification
Diameter:300/350mm
Thickness:45mm
Hole size:26/38/127/181mm

Black Flap Wheel



Specification
Diameter:250-450mm
Thickness:10-150mm
Grit:80#-1200#
Hole size:25.4/36/38/127/181mm or customized
Mainly use for Grinding Head of Tube Mill

Thanks to all customers:



Vietnam

