



**LMS INTERNATIONAL LIMITED**

Website: [www.lmsmachinery.com](http://www.lmsmachinery.com)



Guangzhou Office Add: 20A8 Zhongdao Building No.75 Xianle Zhong Road, Guangzhou China

Tel: 0086-20-87319591 / 87319590 Fax: 0086-20-87319225

Website: [www.lmsmachinery.com](http://www.lmsmachinery.com)

E-Mail: [sales@lmsmachinery.com](mailto:sales@lmsmachinery.com)



**LMS INTERNATIONAL LIMITED**

**PIPE MAKING MACHINE**



*Professional Choice*

*Professional Service*

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## ► High Frequency Pipe Making Machine

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### ▲ High Frequency Pipe Forming



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### ◆ Technical parameters of high frequency welding

Model	Diameter range	Thickness range	Producing speed
HQ40	40mm-60mm	2.0mm-3.0mm	0-120mm/min
HQ50	50mm-80mm	1.0mm-3.0mm	0-120mm/min
HQ60	60mm-100mm	1.0mm-4.0mm	0-80mm/min
HQ70	70mm-140mm	1.0mm-4.0mm	0-40mm/min
HQ80	80mm-160mm	2.0mm-7.0mm	0-40mm/min



## ▶ Stainless Steel Pipe Making Machine



### ▲ Stainless steel welding machine



### ◆ Ornamental tubes-making parameters

Model	Horizontal roll diameter	Vertical diameter	Range	Thickness	Max power	Wheel feed	Strength	Max output size
LT-100	Φ100mm	Φ100mm	Φ10~Φ100mm	0.25~1.0mm	5.5kw	300mm	200N	8000~1500
LT-140	Φ140mm	Φ140mm	Φ10~Φ140mm	0.25~1.0mm	5.5kw	300mm	200N	1000~1000
LT-160	Φ160mm	Φ160mm	Φ10~Φ160mm	0.25~1.0mm	7.5kw	300mm	200N	1000~1000
LT-180	Φ180mm	Φ180mm	Φ10~Φ180mm	0.25~1.0mm	11kw	300mm	200N	1000~1000
LT-200	Φ200mm	Φ200mm	Φ10~Φ200mm	0.25~1.0mm	15kw	300mm	200N	1000~1000
LT-250	Φ250mm	Φ250mm	Φ10~Φ250mm	0.25~1.0mm	18.5kw	300mm	200N	1000~1000
LT-300	Φ300mm	Φ300mm	Φ10~Φ300mm	0.25~1.0mm	22kw	300mm	200N	1000~1000
LT-400	Φ400mm	Φ400mm	Φ10~Φ400mm	0.25~1.0mm	30kw	300mm	200N	1000~1000



## Industrial Tubes Making Machine

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### Welding machines for industrial tubes



Industrial tubes roller forming high speed rolling machine



### Technical parameter

Model	Rolling speed (mm/min)	Rolling diameter	Range	Rolling force	Rolling speed	Rolling force	Rolling speed	Rolling force
1500	4000mm	400mm	400-1000mm	10-150mm	150mm x 2	150mm	150mm	150mm
1500	4000mm	400mm	400-1000mm	10-150mm	150mm x 2	150mm	150mm	150mm
1500	4000mm	400mm	400-1000mm	10-150mm	150mm x 2	150mm	150mm	150mm
1500	4000mm	400mm	400-1000mm	10-150mm	150mm x 2	150mm	150mm	150mm
1500	4000mm	400mm	400-1000mm	10-150mm	150mm x 2	150mm	150mm	150mm
1500	4000mm	400mm	400-1000mm	10-150mm	150mm x 2	150mm	150mm	150mm

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### Working Process :



Automatic roller welding



High speed roller welding machine



High speed roller welding machine



Steel pipe straightening



Steel pipe straightening

## ► High-precision industry making tubes series

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### ◆ Technical parameters of in-line bright solution treatment machine:

Model	Specified dimensions	Driving power	Basic treatment length in width or height
Y1-30	Φ15-Φ30.3	100kw	1000-1500mm
Y1-50	Φ15-Φ50.8	150kw	1000-1500-1800
Y1-80	Φ15-Φ76.2	150kw	1000-1500-1800



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### ◆ Main parameters:

Type	Parameter	Specification (mm)	Material	Tolerance (mm)	Hardness range
Round tube	Φ15-Φ219	0.15mm/0.2mm	0.15mm/0.2mm	Roundness ±0.05	80-100HRC
Square tube	15mm-219mm	0.15mm/0.2mm	0.15mm/0.2mm	Flatness ±0.04	80-100HRC
Rectangle tube	15mm-219mm	0.15mm/0.2mm	0.15mm/0.2mm	Flatness ±0.04	80-100HRC



Model 01



Model 02



Model 03



Model 04



Mature skills, rich experience and standardized production management have helped us build strong competitive power of LMS in the industry.

## ► Polishing machine series

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### Square polishing machine:

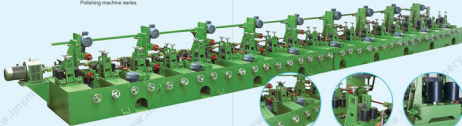
We keep on researching and developing, now we have the ability to deal with the surface welding, effective dressing recovery technology.

### ◆ Technical parameter of polishing machine:

Rated voltage: 380V

Model	Parameter	Weight (kg) (net / gross)	Polishing surface area (m <sup>2</sup> )	Speed (r/min)	Max. grinding size (mm)
Model 20 of the Auto-polisher	Auto-20	4000 / 4500	1700 (15.7) × 1000 (9.1)	0-20	1700 (15.7) × 1000 (9.1)
Model 30 of the Auto-polisher	Auto-30	6000 / 6500	2700 (25.1) × 1500 (13.7)	0-30	2700 (25.1) × 1500 (13.7)

Polishing machine series



▲ Square polishing machine

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### ◆ Auto-press round polishing machine

It is always in line with the high quality standards of the current market, fully up to our best to meet the requirements for the overseas and domestic customers.



▲ Auto-press round polishing machine



Adjust front hand wheel adjustment, safe and efficient



Grinding wheel with required materials, resisting high temperature wear/abrasion



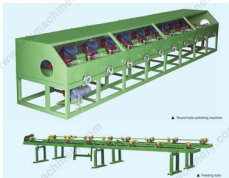
Flow plate of water through rolling has higher pressure?

## ► Polish machine & Plane machine Embossing machine series



### Round tube polishing machine:

It always in line with the high quality standard of the current market (to try our best to meet the requirements for the overseas and domestic customers.)



▲ Round tube polishing machine

▲ Feeding tube

### ◆ Technical parameter of polishing machine:

Rated voltage: 380V

Model	Parameter	Wheel/roll main position	Wheel/roll size (mm)	Polishing surface (mm <sup>2</sup> )	Speed (min/rev)	Main engine roll (kW/HP)
8 wheel/roll small size polisher	800 x 10	800	800-800.0	0.01	1200-1500	
10 wheel/roll in tube polisher	1000 x 10	1000	1000-1000.0	0.01	1500-1800	
10 wheel/roll big size polisher	1000 x 10	1000	1000-1000.0	0.01	1500-1800	
10 wheel feeding tube + 7 tube polisher	7000 x 10	7000	7000-7000.0	0.01	7000-7000	

### ◆ The flat machine:

Series	Model	Specifications (mm)	Roller	Main motor power
1	Manual	1000-1000	Roller roller	0.75kw
2	Automatic	1000-1000	Roller roller	0.75kw
3	Automatic	1000-1000	Roller roller	1.5kw
4	Automatic	1000-1000	Roller roller	0.75kw



▲ Embossing machine series



▲ Plane machine



### ◆ Embossing machine parameter:

Model	Specifications (mm)	Main motor power	Roller length (mm) x Width x Height
1000	1000-1000	0.5kw	1000x700x100
1500	1500-1500	0.5kw	1500x1000x100
2000	2000-2000	1.5kw	2000x1500x100

## Accessories series

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### • Metal saw basic parameter

Parameter Type	Machine type	Cutting pipe diameter (mm)	Technological	Blade diameter (mm)	Motor power(kw)	Blade dimensions (L*W*H)
Horizontal saw	L75-40	40~400.0	0.25~1.0	400.0	1.00+4	750*300*400



a. Metal saw Cutting table

### • Metal saw basic parameter

Parameter Type	Machine type	Cutting pipe diameter (mm)	Technological	Blade diameter (mm)	Motor power(kw)	Blade dimensions (L*W*H)
Vertical cutting machine	L75-40	40~400.0	0.25~1.0	400.0	1.00+4	750*300*400
	L75-50	50~500.0	0.25~1.0	500.0	1.00+4	750*300*500
	L75-60	60~600.0	0.25~1.0	600.0	1.00+4	750*300*600



a. Vertical metal cutting table

## Pipe-making machine main components list

Item	Name	Item	Name	Item	Name
01	Vertical press roll	01	Roll wheel	09	High-speed cylinder
02	Horizontal press roll	02	Align bar	40	Cutting knife
03	Vertical alloy block	03	Trademark mold iron	41	Spindle top wheel
04	Horizontal alloy block	<b>Grinding head set</b>		42	Spindle bar wheel
05	Upper pressure bar	04	Grinding head press bar	43	Pressure roll wheel
06	Lower pressure bar	05	Grinding screw rod	<b>Reinforcing head</b>	
07	Block	06	Guide plate	04	Warm wheel
08	Clamp	07	Grinding knife	05	Roller
09	Clamp cover	08	Block block	06	Blade block
10	Cover with oil seal	09	High-speed cylinder	07	Reinforcing shaft
11	Horizontal wheel support	40	Roller	08	Roller nut
12	Horizontal end wheel	41	High-speed cylinder	<b>Electrical</b>	
13	Support screw rod	42	High-speed cylinder press bar	09	Contact
14	Vertical roller axis	43	Pressure roll wheel pressure	10	Air switch
15	Working wheel	44	Roller screw rod	11	Air switch
16	Left-right screw rod	45	Roller screw rod	12	Air circuit breaker
17	Ring flange	46	Key joint	13	Thermal overload relay
18	Pressure roll wheel pressure	47	Working screw rod panel	14	Electromagnetic valve
19	Clamp wheel	48	Roller wheel	15	Guide shaft roller
20	Clamp	49	High-speed bearing	16	Angular roller
21	Plastic casing	50	Grinding head motor	17	Hydraulic
22	Warm wheel reduction gear	51	Roll wheel	18	U-bolts
23	S-casing reduction gear	<b>Cutting table</b>		19	Pressure roller
24	Roller motor	52	Cylinder	20	Limit switch
25	Oil seal	53	Roller rod	21	Input
26	Bearing	54	Roller	22	Pressure
27	Roller	55	Roll wheel	23	
28	Input wheel	56	High-speed bearing	24	
29	Roller roller plate	57	Bearing with ball	25	
30	Water supply pipe	58	Roller roller axis	26	