

JOTUN MACHINERY

Automatic CNC Polishing Grinding Machine

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Hefei·China 中国·合肥

About Jotun

Jotun company specialized in metal surface polishing grinding machine and welding seam treatment equipment fabrication. Widely for all kinds of metal tank shell, dished end, flat sheet, round tube pipe. For inside and outside surface polishing, to get a bright or mirror surface.

We always focused on research development and innovation, and has recently developed water polishing to meet environment management certification.

-Application

Pharmaceutical industry, food, water purification, water supply, chemical, and new energy. Including elliptical dish, cone dish head, spherical shell, butterfly shell, pharmaceutical stainless steel tank, pressure vessel, brewery, cylinder, cosmetic, sanitary, reaction kettle, fermentation tank, sterilizer, disinfection cabinet, filter, and LNG etc.

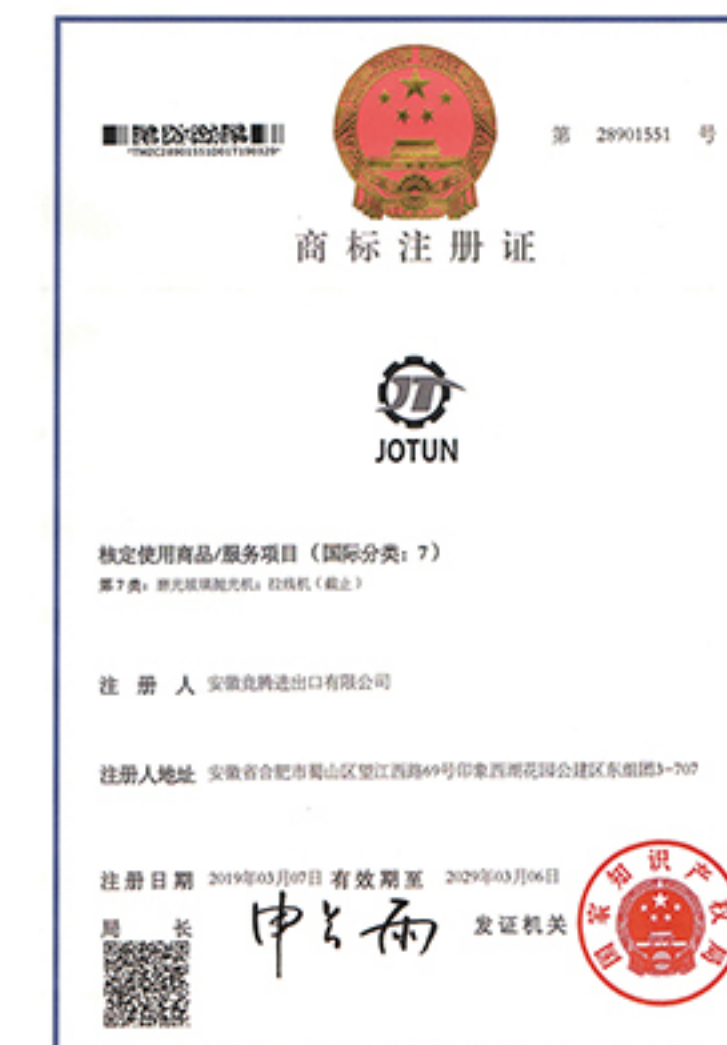
-Market

Our products have exported to more than 30 countries. America, Australia, Germany, Italy, Portugal, Ireland, Denmark, Poland, Russia, Turkey, Israel, South Korea, Malaysia, Vietnam, India, Brazil, Argentina, Mexico, Peru, South Africa, etc.

-Implement

Europe Quality, Reasonable prices, Efficient delivery, Good services

Cooperation partners



Jotun Customer Case & Over-seas Service



Jotun Customer Case & Over-seas Service



PRODUCT CATALOG

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JT-1 Tank polishing machine



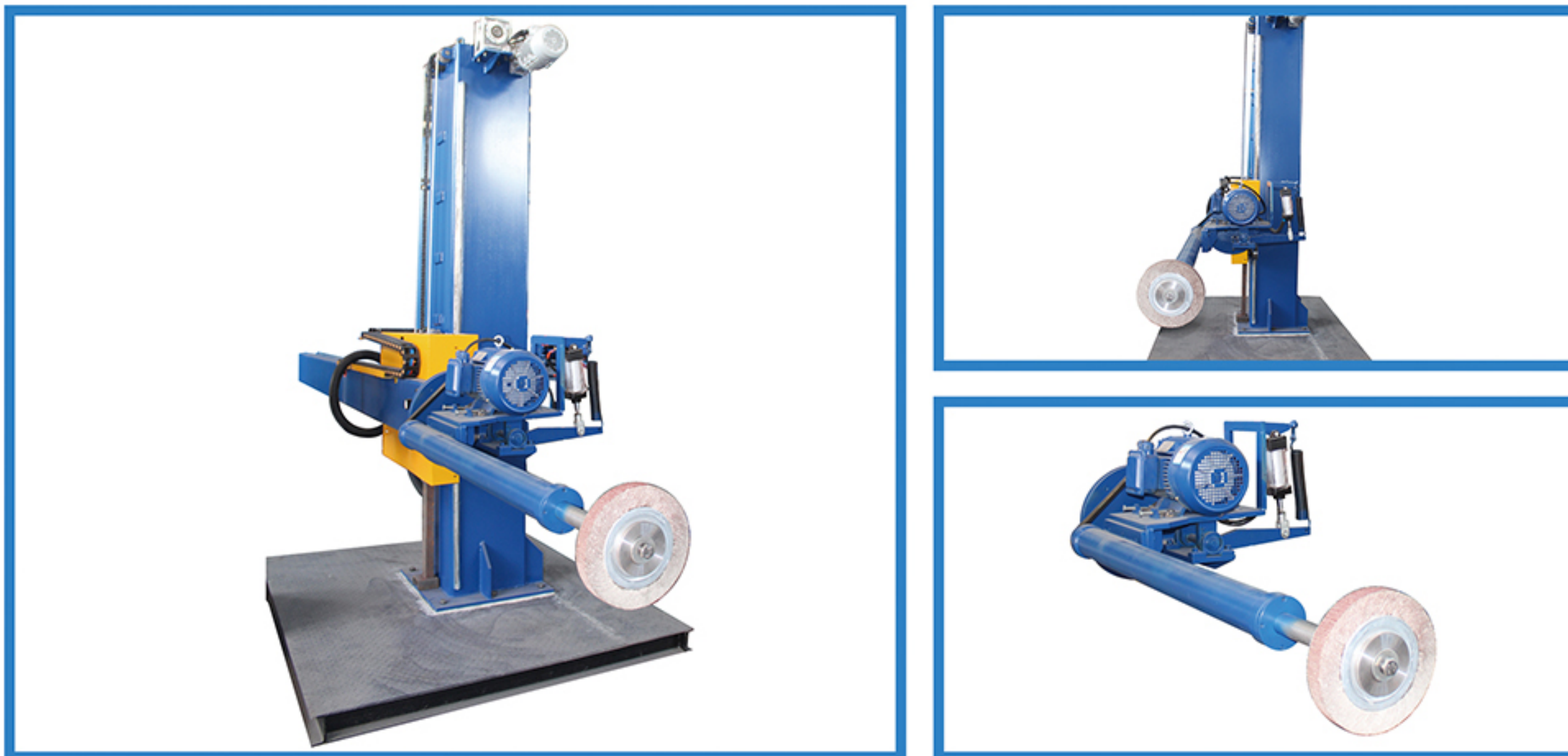
Technical Parameters

Tank/shell diameter	Φ300-3000 (customized)
Beam stroke	2000-4000mm
Main motor power	4KW/5.5KW
Motor Brand	WN/SIEMENS/ABB
Control System	PLC
Polishing Materials	Abrasive belt, Flap wheel, Cloth wheel, etc.
Roller table capacity	1/2/5/10tons
Surface Roughness	Ra ≤ 0.25um

Product Features

1. Grinding with abrasive belt, high efficiency, low noise and less dust.
2. Since the surface roughness is reduced after the abrasive belt is used, it can be reused. In grinding with a slightly higher level of abrasive belt, the cost is correspondingly reduced.
3. The work piece rotation and lateral feed are variable frequency step less speed regulation to further improve work efficiency.

JT-1 Flap Wheel polishing machine



Technical Parameters	
Tank/shell diameter	Φ200-1000 (customized)
Beam stroke	1000-1500mm
Main motor power	4KW
Motor Brand	WN/SIEMENS/ABB
Control System	PLC
Polishing Materials	Flap wheel
Roller table capacity	1ton
Surface Roughness	Ra≤0.25um

Product Features

1. Grinding with flap wheel, can polish the inner surface of small diameter tanks.
2. The work piece rotation and lateral feed are variable frequency step less speed regulation to further improve work efficiency

JT-2 Dish end polishing machine



Technical Parameters	
Dish end diameter	Φ400-3000 (customized)
Beam stroke	2000-4000mm
Main motor power	4KW/5.5KW
Motor Brand	WN/SIEMENS/ABB
Control System	PLC/CNC
Polishing Materials	Abrasive belt, Flap wheel, Cloth wheel, etc.
Turntable capacity	1/2/5/10tons
Surface Roughness	Ra≤0.25um

Product Features

1. Grinding with abrasive belt, high efficiency, low noise and less dust.
2. Since the surface roughness is reduced after the abrasive belt is used, it can be reused. In grinding with a slightly higher level of abrasive belt, the cost is correspondingly reduced.
3. The work piece rotation and lateral feed are variable frequency step less speed regulation to further improve work efficiency.

JT-2-IN-1 Tank and Dish end polishing machine

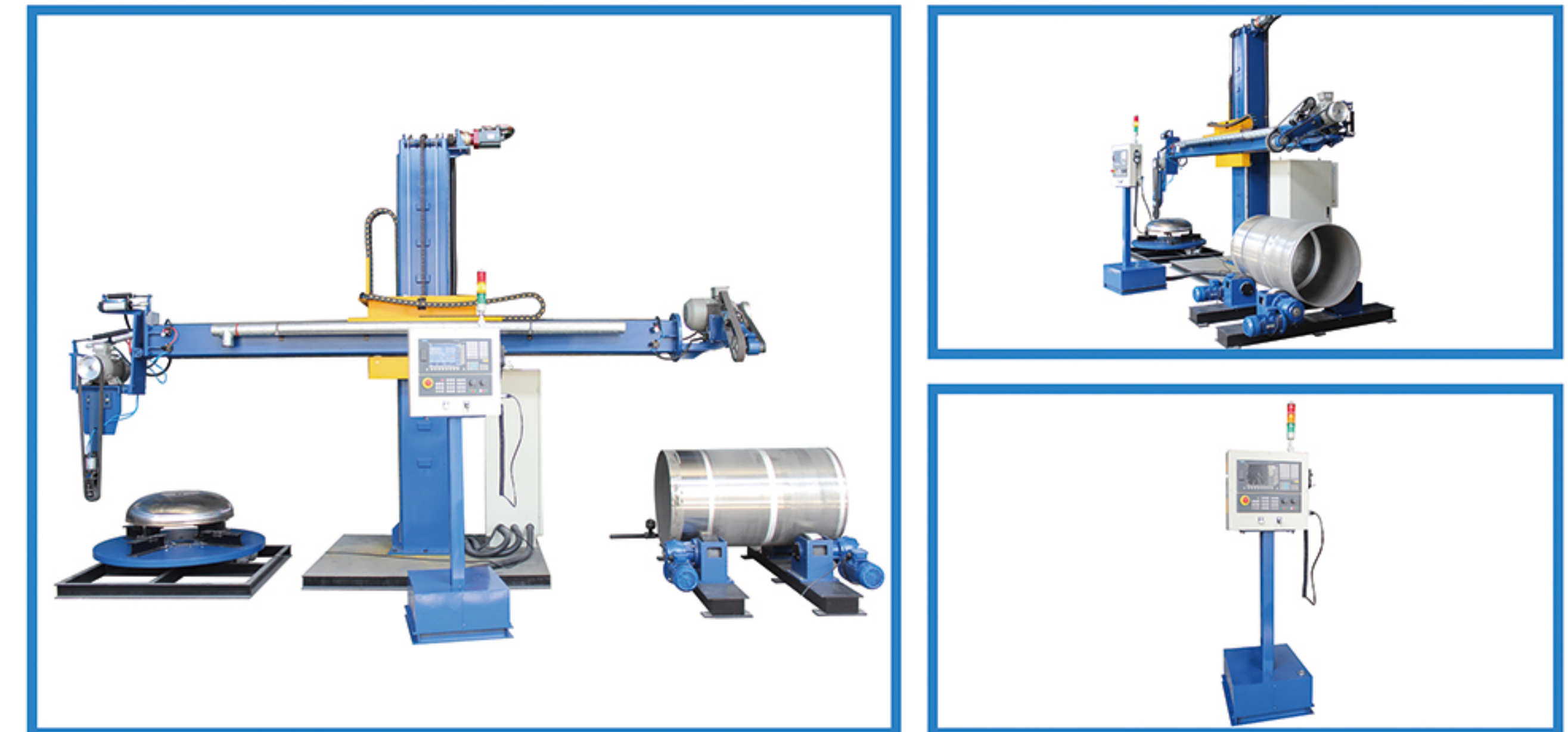


Technical Parameters	
Tank/dished diameter	Φ300-3000 (customized)
Beam stroke	2000-4000mm
Main motor power	4KW/5.5KW
Motor Brand	WN/SIEMENS/ABB
Control System	PLC/CNC Siemens
Polishing Materials	Abrasive belt, Flap wheel, Cloth wheel, etc.
Roller table capacity	1/2/5/10tons
Surface Roughness	Ra ≤ 0.25um

Product Features

1. Grinding with abrasive belt, high efficiency, low noise and less dust. It can use flap wheel or cloth wheel to polish, mirror surface can be achieved.
2. Integrated belt polishing machine, which can respectively polish different parts such as tank body and head, grinding, and select the abrasive belt grinding head with processing precision Ra ≤ 0.2um (mirror effect). Both work piece rotation and lateral feed are variable frequency step less speed regulation, which further improves work efficiency.

JT-CNC Tank and Dish end polishing machine



Technical Parameters	
Tank/shell diameter	Φ300-3000 (customized)
Beam stroke	2000-4000mm
Main motor power	4KW/5.5KW
Motor Brand	SIEMENS/ABB
Control System	CNC Siemens
Polishing Materials	Abrasive belt, Flap wheel, Cloth wheel, etc.
Roller table capacity	1/2/5/10tons
Surface Roughness	Ra ≤ 0.25um

Product Features

1. Grinding with abrasive belt, high efficiency, low noise and less dust. It can use flap wheel or cloth wheel to polish, mirror surface can be achieved.
2. Use CNC control system. Automatic polishing of the work piece can be achieved only by setting the program. This method can save a lot of manpower and time, and can have a better polishing effect.

JT-CZJ Industrial polishing machine



Technical Parameters	
Tank/shell diameter	Φ400-3000 (customized)
Vice column stroke	1000-3000mm
Main motor power	4KW/5.5KW
Motor Brand	WN/SIEMENS/ABB
Control System	PLC/CNC
Polishing Materials	Abrasive belt, Flap wheel, Cloth wheel, etc.
Roller table capacity	1/2/5/10tons
Surface Roughness	Ra ≤ 0.25um

Product Features

1. The lifting of the working arm adopts the turbine-vortex reducer and the sprocket, and the chain mechanism drives. Through the use of the counterweight, the lifting operation is stable, the vibration is small, and the mechanical wear is not easy. Since the reducer has a certain self-locking property, and the lift motor uses a brake motor, the work arm can be stopped and locked by lifting it to any position.
2. The working arm telescopic adopts the method of vortex-turbine transmission and gear rack walking, with high precision and good stability. The speed adjustment is realized by the frequency converter, and has the advantages of smooth transmission and large shift range: the working arm is lifted and telescoped, and the limit position is provided with limit switches, and the forced limit is ensured to ensure the safe operation of the equipment.

JT-WY Round tube polishing machine

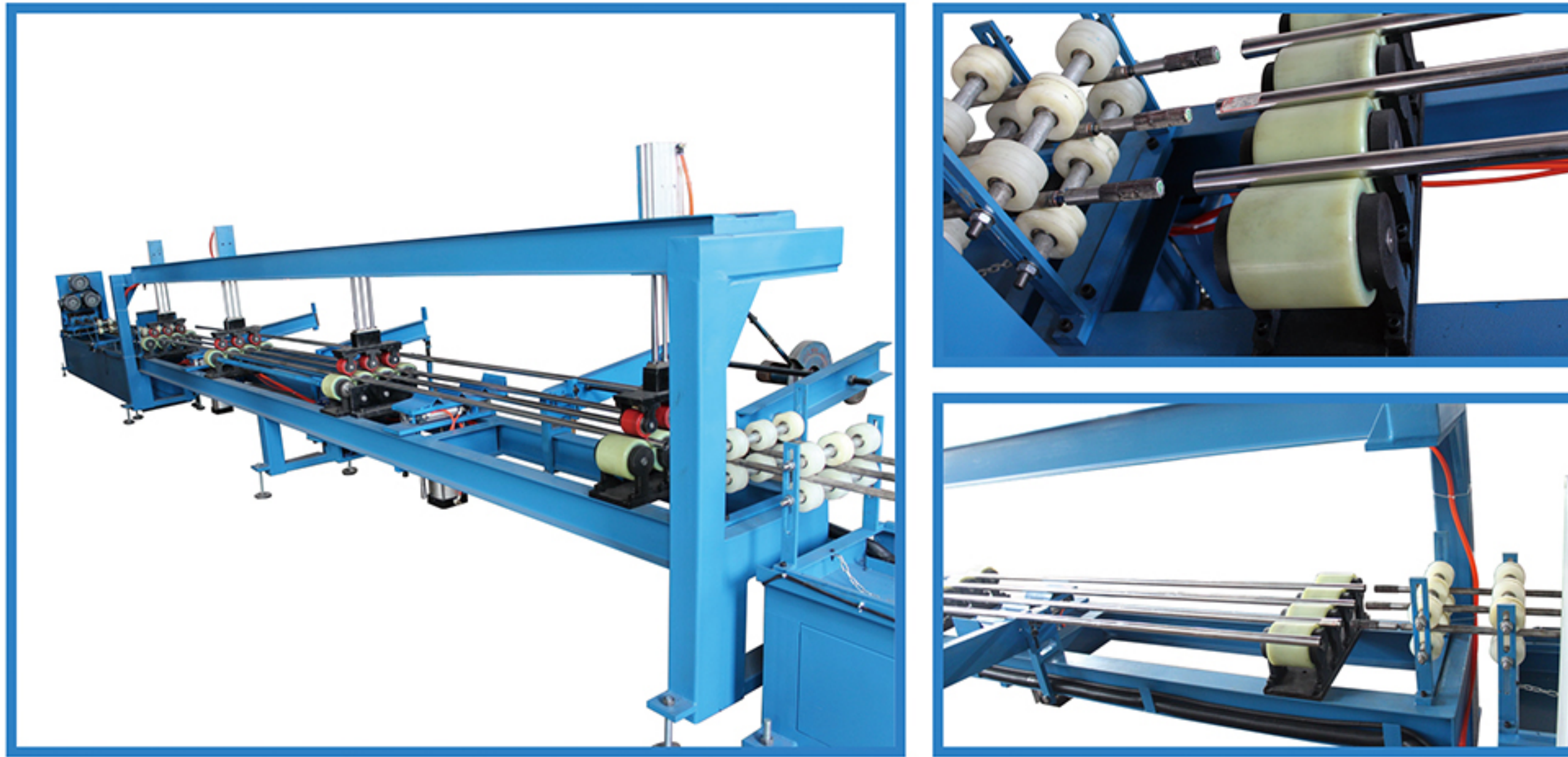


Technical Parameters	
Round pipe diameter	Φ40-400 (customized)
Pipe length	1000-6000mm
Main motor power	4KW/5.5KW
Motor Brand	WN/SIEMENS/ABB
Control System	PLC
Polishing Materials	Abrasive belt, Flap wheel
Surface Roughness	Ra ≤ 0.25um

Product Features

1. The round tube polishing machine has high efficiency, good finish, and extensive and durable abrasive tools.
2. The machine has simple and convenient operation, stable product performance and low noise, etc., which are well received by users. The product is designed to meet the needs of different industries using optional cooling systems and dust collection and dedusting systems. Users who reserve fan ports on this machine can also install dust removal fans by themselves.

JT-NY Round tube inner polishing machine



Technical Parameters	
Round tube inside diameter	Φ12.8-99.6mm (customized)
Outside diameter	φ15.8-122mm(customized)
Round length	6200mm
Total power input	20KW
Motor Brand	WN/SIEMENS/ABB
Control System	PLC
Polishing Materials	Flap wheel
Surface Roughness	Ra≤0.25um

Product Features

1.This machine is specially designed for the inner hole polishing machine of a large number of stainless steel round tubes, and the efficiency is 5 times faster than the traditional soil polishing machine. This machine is used for dry polishing. The polishing head has 6 polishing heads and is distributed in the left 3 heads and right 3 heads. At the same time, the tubes are polished at the same time. The utility model has the functions of automatic feeding and automatic feeding, and the steel pipe in the polishing process does not need to be turned over, and the machine has the characteristics of high automation, simple operation and high production efficiency.

2.The equipment adopts PLC control, frequency conversion speed regulation, automatic feeding, automatic feeding, automatic clamping, automatic propulsion, automatic return; the operation process is one-button automatic control; it can also be manually controlled, and the tube head is repeatedly thrown several times. to offer comfort. The device has over-limit and

JT-PM Flat sheet polishing machine



Technical Parameters	
Flate sheet width	100-4000mm
Flate thickness	≥5mm
Main motor power	11kw*2
Motor Brand	WN/SIEMENS/ABB
Control System	PLC
Polishing Materials	Abrasive belt,Flap wheel
Surface Roughness	Ra≤0.8um

Product Features

1. The grinding head group is two sets of constant pressure floating belt grinding heads for coarse and fine grinding of the work piece.
2. Due to the grinding method and the grinding method of the work piece, the length of the work piece is almost unlimited.
3. Can polish with water cooling system.

JT-XTC Handle polishing machine



Technical Parameters

Efficiency	6 square meters per hour
Precision	$Ra \leq 0.4 \mu m$ (mirror finished)
Belt specification	2000*50 mm
Contact wheel specification	100*50 mm
Belt speed	30 m/s
Belt granule	60 - 600 #
Motor Power	Y132LS1-2,3 KW
Weight	130 KG

Product Features

The machine widely used in stainless steel flat sheet and welding seam polish.

Dust collector



YS-L4000

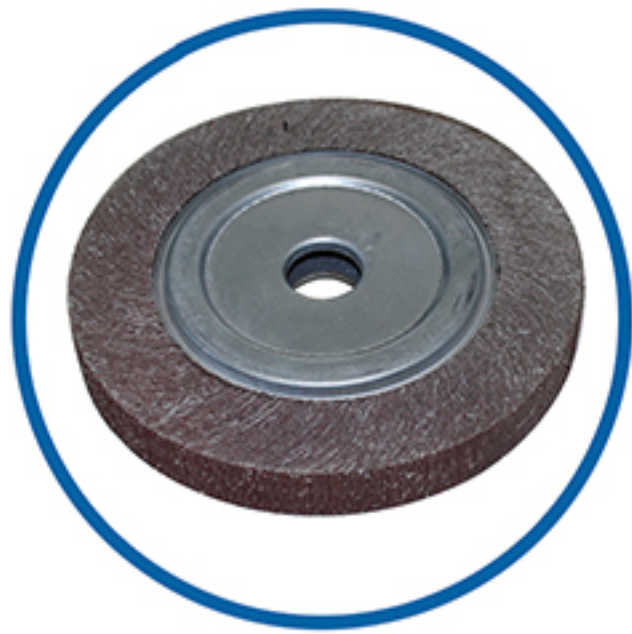
Motor power : 4kw.
 Air pressure : 0.4-0.8mpa
 Inlet diameter : 100mm
 Air capacity : 6400m3
 Dust absorption rate : 50-60%
 N.W : 140KGS



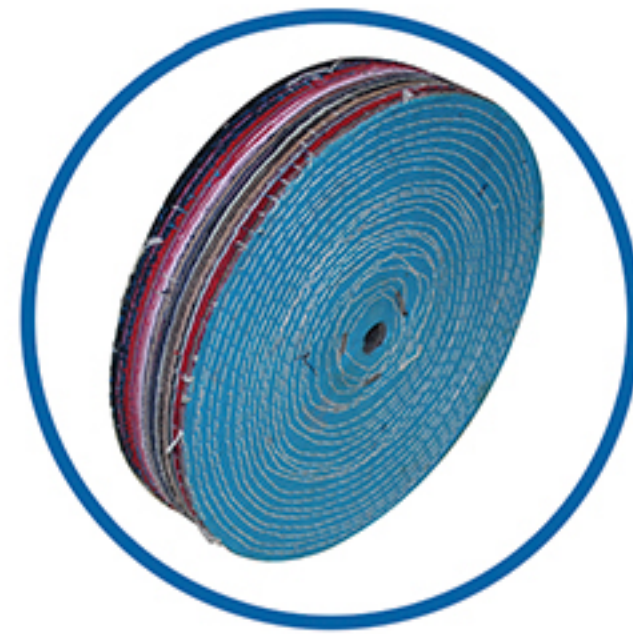
MF-9030

Motor power : 3KW,
 Air capacity : 3150m3/h,
 Air speed : 30-45m/sec,
 Suction inlet diameter : 100mm*3pcs,
 Collect bag : 470*800mm*4pcs
 Packing size : 170*560*520mm
 N.W : 49kgs.
 G.W : 52kgs.

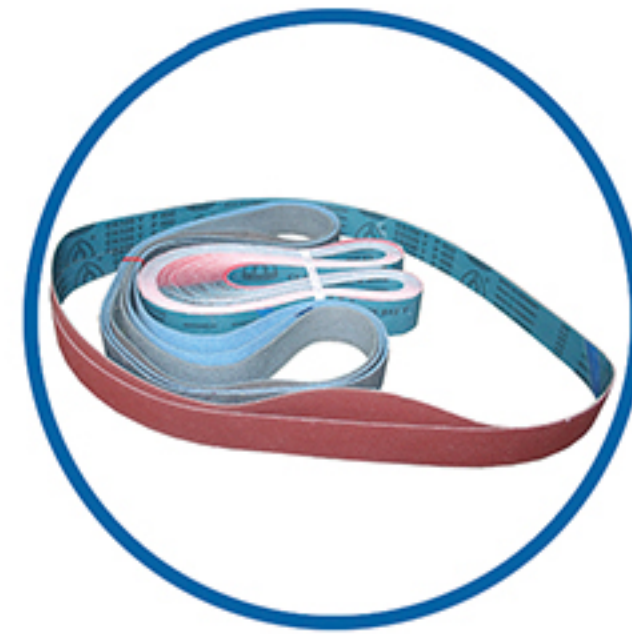
Consumables



Flap wheel



Hemp wheel



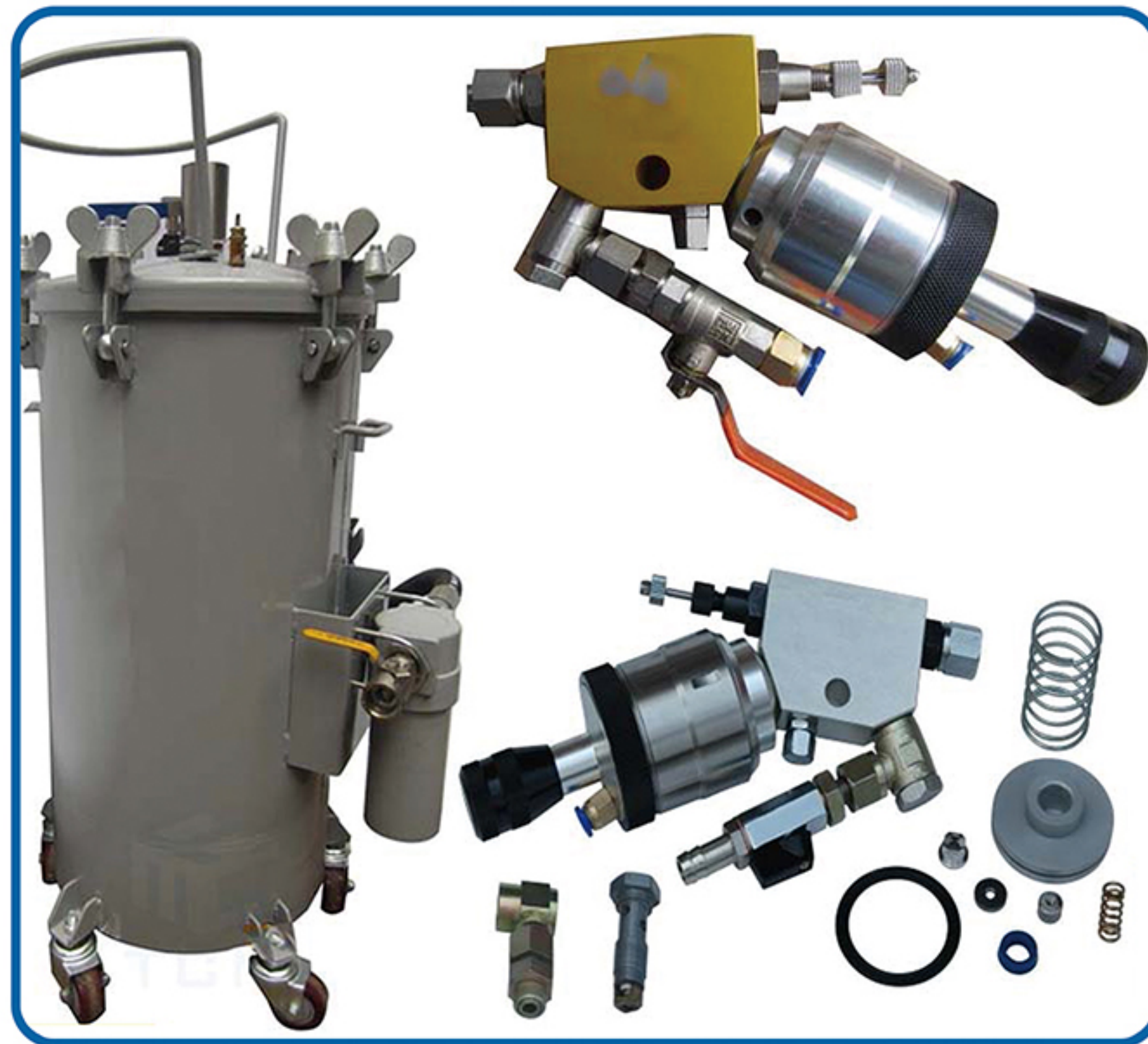
Abrasive belts



Cloth wheel



Contact wheel



Wax barrel with gun

JOTUN TO THE WORLD

