

## High Frequency Welded Tube Mill Line Heavy Type For Electric Heating Tube

Our Product Introduction

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### Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: Hangzhou Maxwell
- Certification: CE, ISO9001
- Model Number: welded Tube-001
- Minimum Order Quantity: 1 SET
- Price: USD500,000-USD900,000
- Packaging Details: Nude Packaging in a 40 feet container
- Delivery Time: 60 work days
- Payment Terms: T/T, , L/C
- Supply Ability: 20 sets per month



### Product Specification

- Name: Welded Tube Mill Line
- Applicable Industries: Electric Heating Tube, Fridge Pipe, Auto Car Pipe, Sporting Facility Tube, Furniture Pipe, Cooler Pipe, Pressure Feeding Pipe, Construction Pipe, Configuration Pipe, Nature Gas Pipe
- Production Capacity: 30~50m/min
- Round Pipe Size:  $\Phi 76\text{mm} \sim \Phi 165\text{mm}$
- Pipe Thickness: 2.0-8.0mm
- Material: Hot Rolling Or Cold Rolling Steel
- Pipe Type: Straight Seam High Frequency Welded Pipes
- Warranty: 2 Years
- Highlight: **High Frequency Welded Tube Mill Line, Welded Tube Mill Line Heavy Type**



### More Images



## Product Description

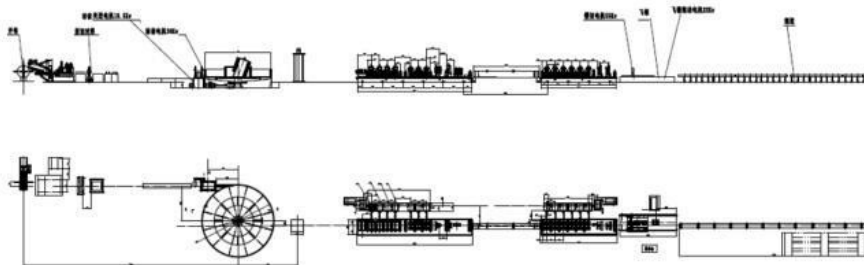
### (Heavy type) HF Welded Tube Mill Line

This high-frequency welding pipe mill is specialized equipment designed to produce high-frequency straight seam welded pipes for structural and industrial applications, with diameters ranging from  $\Phi 76\text{mm}$  to  $\Phi 165\text{mm}$  and wall thicknesses from 2.0mm to 8.0mm. Through optimized design, superior material selection, precise fabrication, and accurate roll forming, the entire production line achieves high precision and speed. Within the specified range of pipe diameters and wall thicknesses, the production speed can be easily adjusted to meet varying requirements, ensuring efficient and reliable operation.



### Technology process

Uncoiling → Leveling & Straightening → Accumulating → Leveling → Forming → HF welding → Deburring (outer) → Cooling → Sizing → Straightening → Cutting → Discharging



### TY165 (Heavy type) HF Welded Pipe Mill Line

Active single-head De-coiler	Configuration: One drum expanding by hydraulic Expanding stroke: $\Phi 460 \sim \Phi 520\text{mm}$ & $\Phi 560 \sim \Phi 620\text{mm}$ realized by adding support plate
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Straight head machine	Straight head machine form: steel desktop frame structure, welded with A3 plate and channel steel; Roller lifting cylinder of straightening machine: $\Phi 100\text{mm} \times 450\text{mm} \times 2$ ; Straight head cylinder: $\Phi 80\text{mm} \times 450\text{mm}$ ; Telescopic cylinder of shovel head: $\Phi 63\text{mm} \times 350\text{mm}$ ; Shovelhead swing cylinder: $\Phi 100\text{mm} \times 400\text{mm}$
Leveling machine	Material thickness: 2.0~8.0mm Material width: 235~520mm Feeding roller: Two rollers driven by hydraulic Feeding roller size: $\Phi 180\text{X}650\text{mm}$ Straightening roller: Five rollers type (2 upper +3 down) Straightening roller size: $\Phi 140\text{X}650\text{mm}$ Main motor: AC7.5KW
Shear & butt welding device	Frame mode: Two stand column and gantry type; Shearing driving: Hydraulic Blade material: 6CrW2Si; Coil thickness: 2.0~8.0mm Coil width: 235~520mm; Welding type: Manual welding
Horizontal accumulator(floor type)	Accumulator: introduce peripherally and feeding from the center Out diameter: 8m (Floor-type); Width of metal strip: 235~520mm Thinness of metal strip: 2.0~8.0mm; Feeding speed: $\geq 100\text{m/min}$
Forming & Sizing unit	Driving system-----2 set Second-grade transmission-----12 sets Feeding & Leveling device-----1 set Horizontal roll frame-----12 sets Vertical roll frame-----16 sets
Cold saw	Scope of use: Carbon steel, low alloy steel, with a maximum tensile strength of 700Mpa. Pipe type parameters: Round tube: $\Phi 76\text{-}165\text{mm}$ ; Wall thickness: 2.0~8.0mm; Maximum line speed: 60m/min
Run out table (both sides discharging)	Configuration: Frame type; Length: 22m; Discharging speed: 80m/min; Driving motor: AC5.5Kw
HF welder 600KW	Type: High-frequency influence weldin; Size: GGP-600-0.4-HC; Power: 600KW; Cooling: water-water cooling
Control system	Optional
Roller(Optional)	Forming and Sizing rollers Material: Cr12(JIS-SKD1, ASTM-D3) Hardness: Surface quenching HRC $60 \pm 2$ ; critically grinding Welding roller Material: H13 (JIS-SKD61, ASTM-H13) Hardness: Surface quenching HRC $50 \pm 3$ ; critically grinding
Pneumatic system	Prepared by Buyer

#### Active single-head De-coiler& Leveling & straightening device



#### Horizontal Accumulator



#### Horizontal roll frame & Vertical roll frame

Forming height:  $\Phi 200\text{mm}$

Adjusting of Horizontal roller: Worm wheel adjusting

Adjusting of Vertical roller: Manual sync screw adjusting

Name	Section	Quantity	Shaft dia.	Material	Treatment
Horizontal roll frame	Forming unit	7	$\Phi 120\text{mm}$	40Cr	HF quenching
	Sizing unit	5	$\Phi 120\text{mm}$	40Cr	HF quenching

Name	Section	Quantity	Shaft dia.	Material	Treatment
Vertical roll frame	Forming unit	7	$\Phi 65\text{mm}$	40Cr	HF quenching
	Sizing unit	5	$\Phi 65\text{mm}$	40Cr	HF quenching

#### Turkey head straightening device

Type: Single face and with 4 rollers

Configuration: Turning adjusting from top, bottom, left and right

Adjusting method: Manual screw adjustment

Shaft material: 40Cr (HF quenching)

Quantity: 2 sets



#### Profile milling cut off (cold saw)



#### Rollers



#### Packaging and Shipping

1. Anti-corrosion oil is sprayed during transportation to prevent oxidation of the machine
2. Packaging isolation film to prevent machine oxidation during transportation
3. Fixed on the container with wire to prevent damage to the machine during transportation



#### After-sales Service

1. Technical Support: Our experienced technical team is available to provide assistance and guidance on product

installation, operation, and maintenance.

2. Spare Parts Supply: We maintain a stock of genuine spare parts to quickly solve any equipment issues and minimize downtime.

3. Training Programs: We offer training programs for your staff to ensure they are proficient in using and maintaining our equipment effectively.

4. Warranty Coverage: The warranty is one year after the client receives the machine. All our products come with a warranty period, during which we provide prompt repair or replacement services for any defects covered under the warranty terms.


5. Regular Maintenance: We recommend and offer scheduled maintenance services to keep your equipment in optimal condition and maximize its lifespan.

6. Customer Feedback: We value your feedback and continuously strive to improve our products and services based on your input.

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