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HOLE PUNCH LINE MACHINE

EXTREME MACHINERY MANUFACTURE CO., LTD
Head office: 1405, Block B, Wanda Plaza, 36th Guobin Road, Yangpu District, Shanghai,



ABOUT US

Extreme Machinery Manufacture Co.,Ltd. has been in this field more than 14 years, the products made by the machines covers aviation, transportation , furniture, refrigeration and air conditioning , sports equipment , cars, bikes , leisure goods

The factory covers an area of 15,000 square meters , the main products are : CNC, NC, TNC, PLC and other punching machine,numerical control hydraulic flange forming and punch machine

Companies leading products:

- EMM60,EMM50,EMM90 series automatic punching machine
- versatile flange metal forming machine
- versatile flange metal punching machine

"Excellent Quality, Outstanding Performance,Excellent Service, Reasonable Prices" is our commitment to our customers. Meet customer' s needing is our eternal pursuit ! We warmly welcome customers to consult, negotiate and look forward to a pleasant cooperation with you!



EMM 60

DUAL LINE
EQUIVALENT TO TWO SINGLE LINES
HIGHER DAILY PRODUCTIVITY
WORKING SEPARATELY
OR SIMULTANEOUSLY



EMM 90

HIGH SPEED NC CONTROL
SINGLE HYDRAULIC
CYLINDER LINER TUBE
PIERCING MACHINE

Equipment product processing

1. Feeding
2. Fixture
3. Start auto
4. Punching
5. And forming
6. Discharging

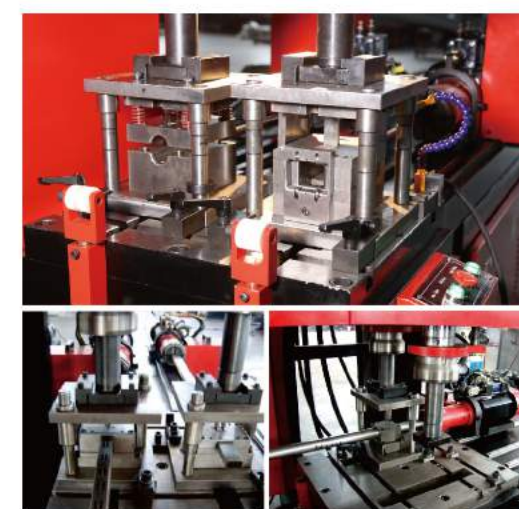
Main structure features

TFT human-machine interface display, touch screen setting, the Numerical control system, and precise positioning servo motor, size of memory function in storage module

Oil Hydraulic System:

step-less operation adjustment
Italy-made digital scale (LCD display) with high precision
Adopted with Japan-made serve motor driving devices and the feeding and receiving speed can be set to high speed and high precision to enhance the productivity.

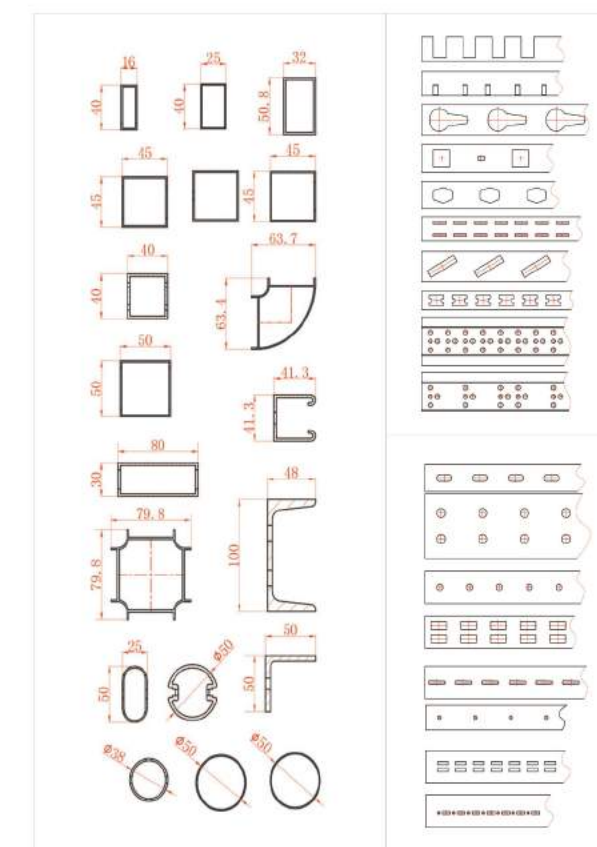
MOULD



DUAL LINE

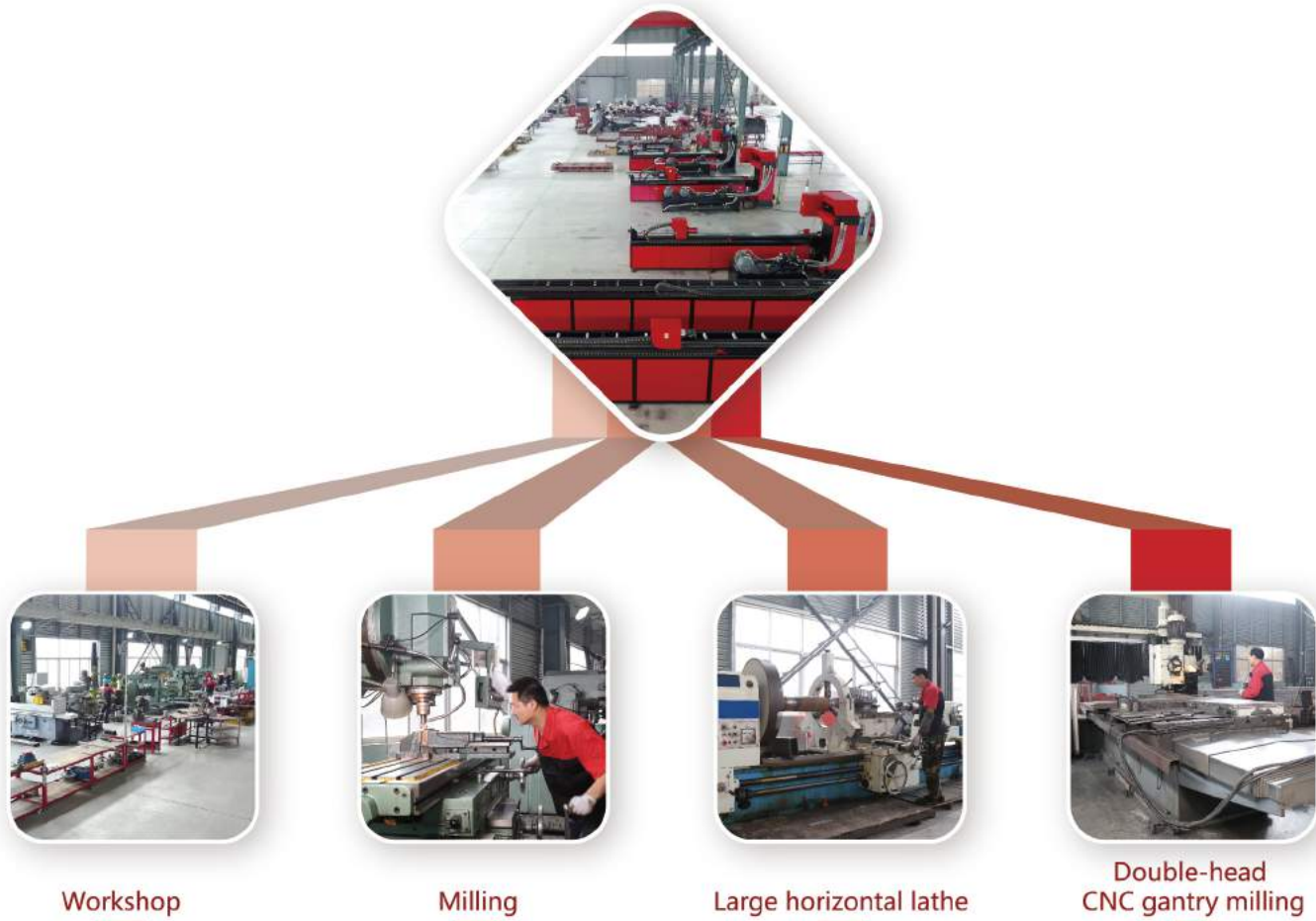


DRAWING

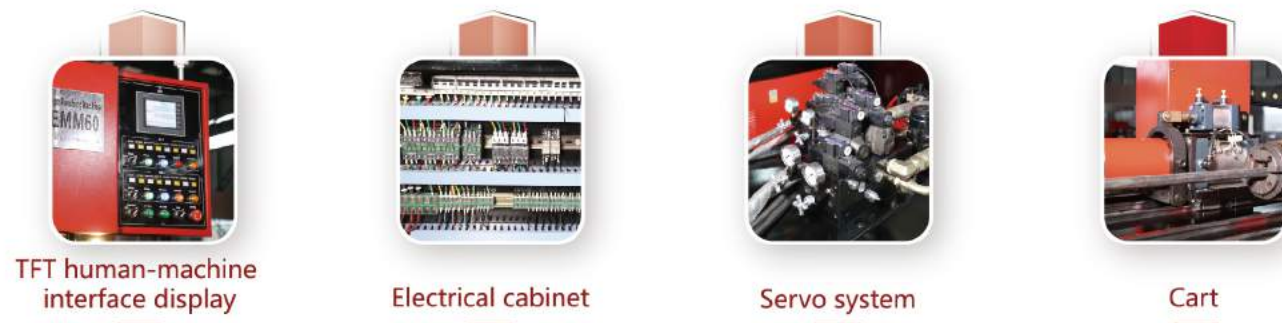


PROCESSING

Linear punching equipment production workshop covers an area of 15000 square meters for production of CNC punching machine, angle iron/flange forming machine, arc punching machine, forging machine and so on. They are mainly used in aviation, transportation, furniture, display stand, ventilation ducts and other fields.



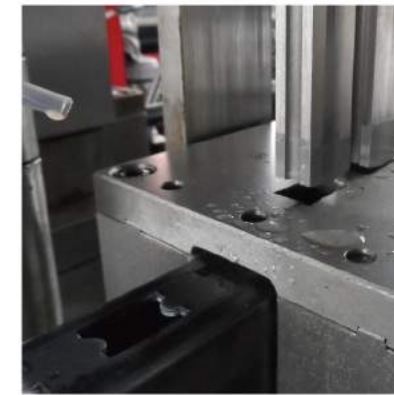
Parts of the equipment are processed by surface grinding machine, milling machine, CNC flank milling machine, CNC gantry milling machine, horizontal lathe and other processing equipment in the machining shop. The processing precision and assembly quality can be well controlled to ensure the quality of equipment.



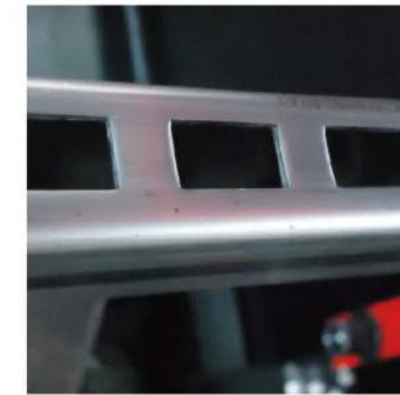
Punching machine is equipped with precision reducer. The maximum processing length of pipe is 12000mm. The equipment is available for pipe size of 20-65mm. The zero-load loop of oil circuit lessens energy loss because oil is not easy to be heated.

linear punching machine is appropriate for single punching, non-equidistant punching, rotary piercing of the profile and steel pusher punching.

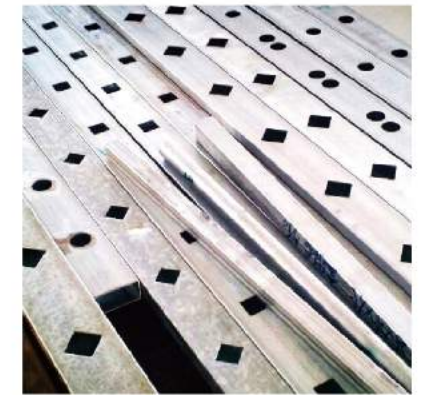
SAMPLES



Rectangular hole or round hole



Oblong hole or oval hole



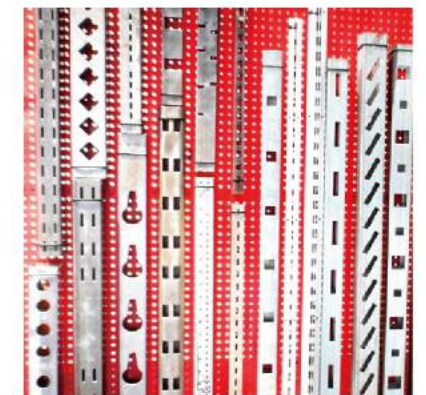
Slot



Whole thru or half thru



Aluminum or stainless



Special tubes

ABOUT MACHINE

Hole punching machine:

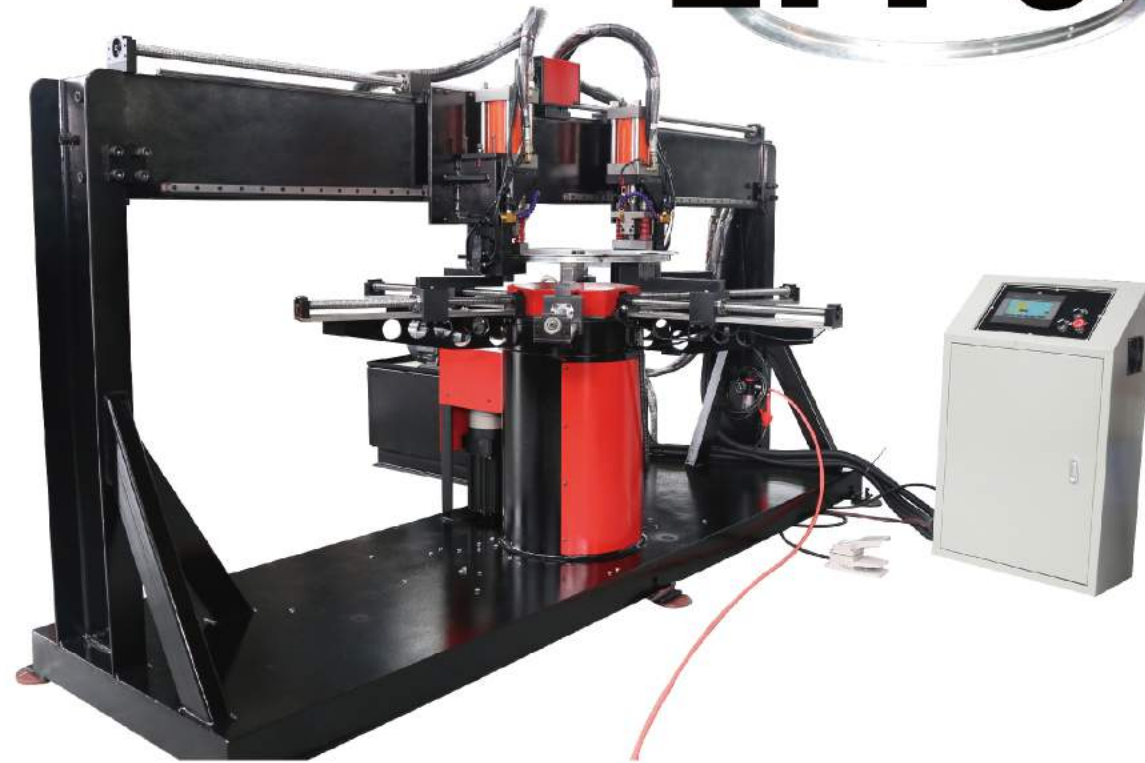
1. Most our Electric motor are high quality Taiwan brand.
2. The punch speed of our machine is fast, 1-3S for one hole and the feed speed is 24m/min.
3. Our double line machine can work at the same time or operate independently.
4. The holes are smooth, no distorted and the hole tolerance is only $\pm 0.2\text{mm}$.
5. Our machine can punch not only the normal pipes, but also the L, U section and other profile shapes.
6. The CNC interface can set equidistance, unequal distance punching. Also, you can choose the manual, semi-automatic and fully automatic functions and 360 degree rotary function for round pipe.

Circular flange forming and punching machine

Use: use for round ducts joint of construction, shipping, tunnel and etc. The previous technology uses the angle iron, processing length is only 6meters which waste material, and only produce the equilateral products. Our machine uses strip steel, which can do continuous production. It can produce unequal products, reducing the material waste.

Quality Assurance, Taiwan Technology, Advance accessory, Carefully manufacture

EFP50



FLANGE PUNCHING MACHINE

TFT human machine interface display, touch controllable screen, NC control system, servo-motor, memory function.

Motor

15HP S.Y(Taiwan)

Oil Hydraulic System

High power circuit design

Electronic control system human machine interface display, rotary indexing, punching hole distance adjustable, use servo motor, high precision, easy operation.

Reduction driveVGM

Diameter, hole distance, hole quantity can easily setting, high efficiency processing.

Punching pressure: stainless steel 3 mm, 13x15 hole double punching die.

Flange hole punching machine:

Technical Parameter	Max punching capacity	5mm
	Min punching diameter	φ250mm
	Max punching diameter	φ2000mm
	Application	30-40 angle steel equal or unequal side flange
	Product thickness	stainless 2-4 mm, mild steel 3-5mm
	Punching hole quantity	360° rotary any location

EFL50



FLANGE FORMING AND CUTTING

TFT human machine interface display, Touch screen control, Numerical control

Mold storage memory function

Oil Hydraulic System

High power circuit design

Hydraulic motor 10HP

Working Mold 7 station round screw die

Electronic control system human machine interface, diameter forming locating wheel, diameter adjustable by location ruler.

Cutter

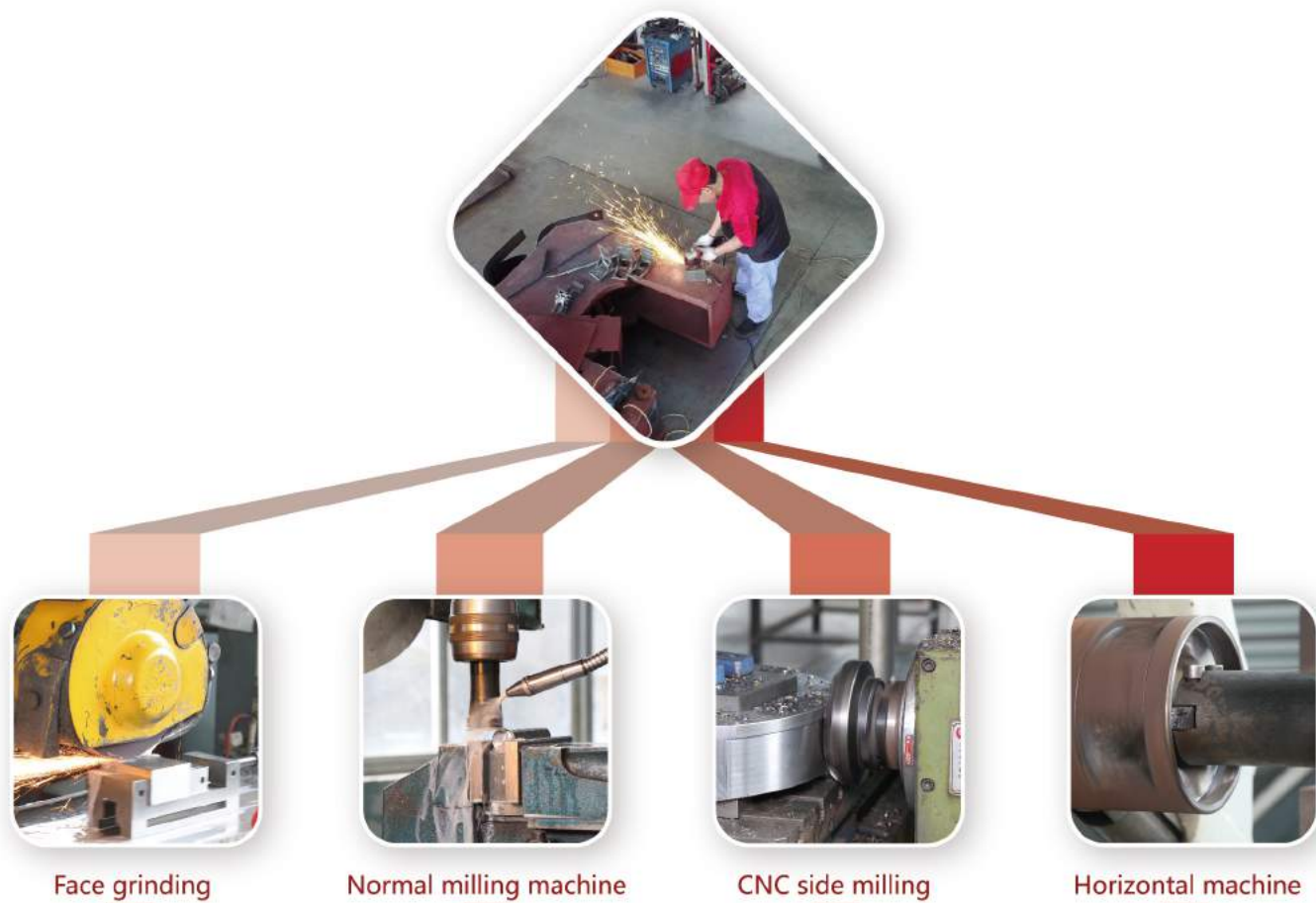
circular blade function

Flange forming machine:

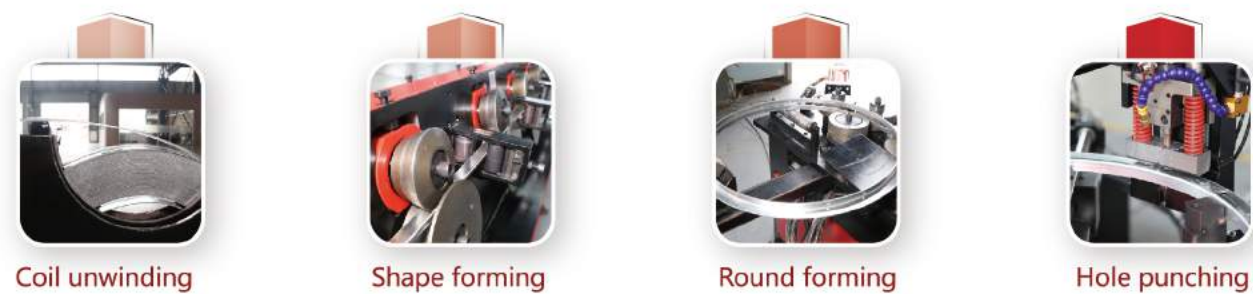
Technical Parameter	Mold Function	Adjustable mold
	Min diameter of Flange	φ160mm (30×20)
	Max diameter of Flange	φ2000mm
	Producing thickness	stainless 2-4mm, carbon steel 2-5mm
	Max producing capacity	30*20, 30*50, 40*40, 50*50 equal sides and unequal side flange
	Working speed	9000mm/min

PROCESSING

Round flange molding machine adopts TFT human-machine interface, composite rack, solid and durable parts. The machine is suitable for processing steel, stainless steel, equilateral or non-equilateral angle iron and flange at a speed up to 9150mm/min. It features high efficiency and low cost.



Round flange punching machine is supporting equipment of round flange forming machine. Its module supports storage and memory function. The machine is easy to operate to punch all kinds of round metal flange. The punching diameter, hole spacing and number of holes can be adjusted according to customer's need. The program is easy to set to realize high processing efficiency.



SAMPLES



Coil stock



Flange



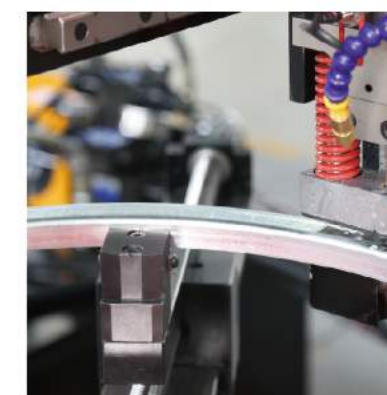
Flange with holes



Shape forming



Round forming



Hole punching



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