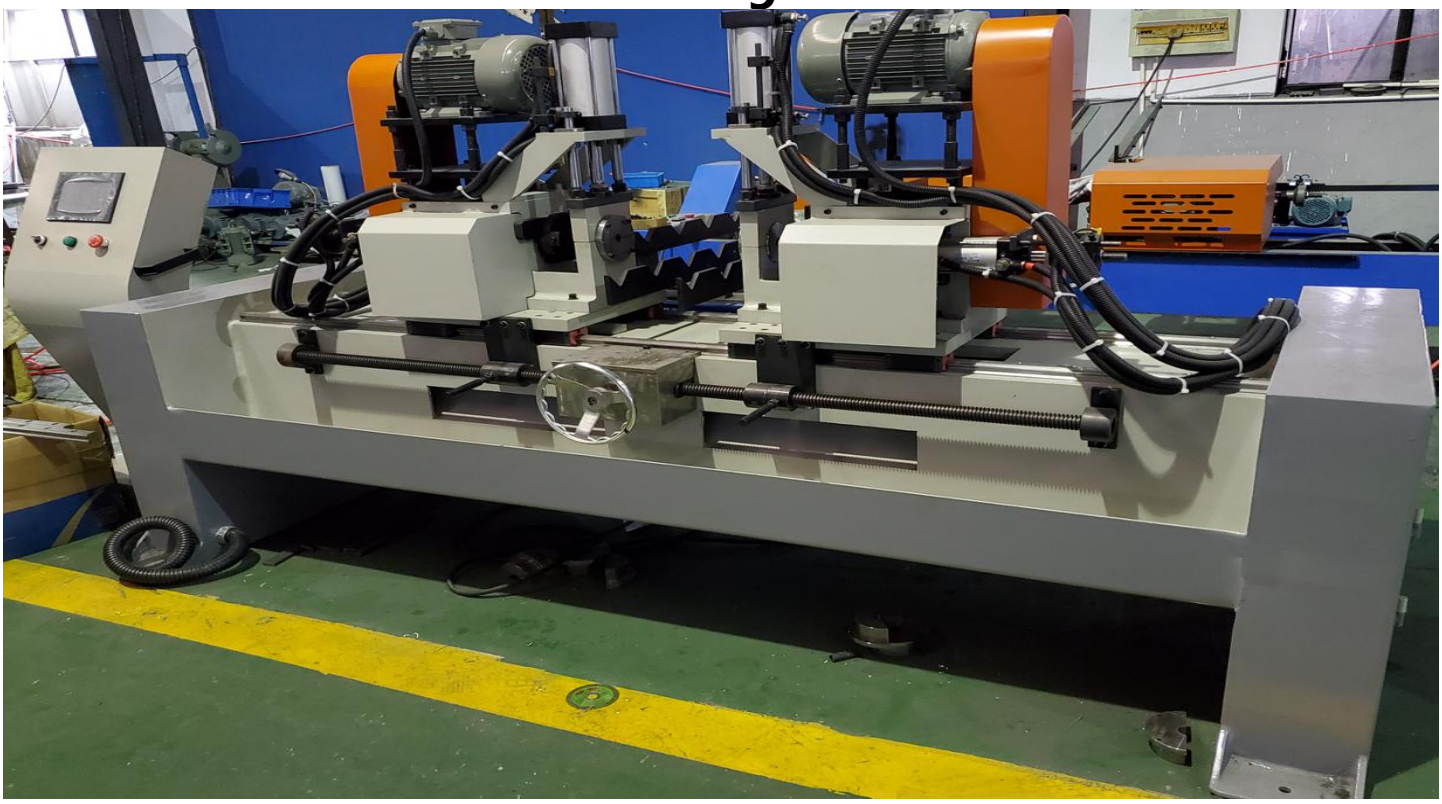
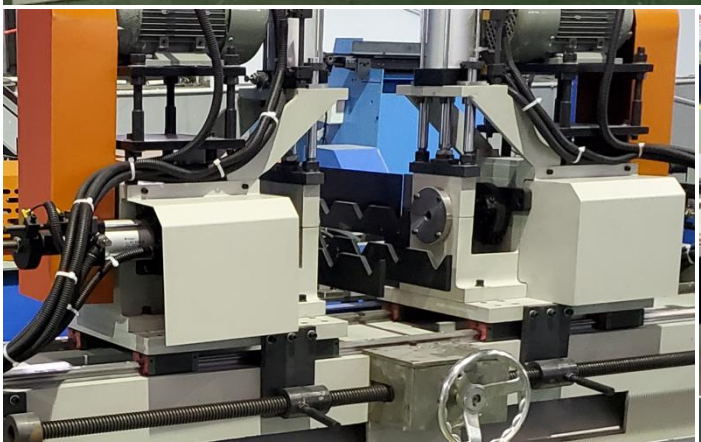
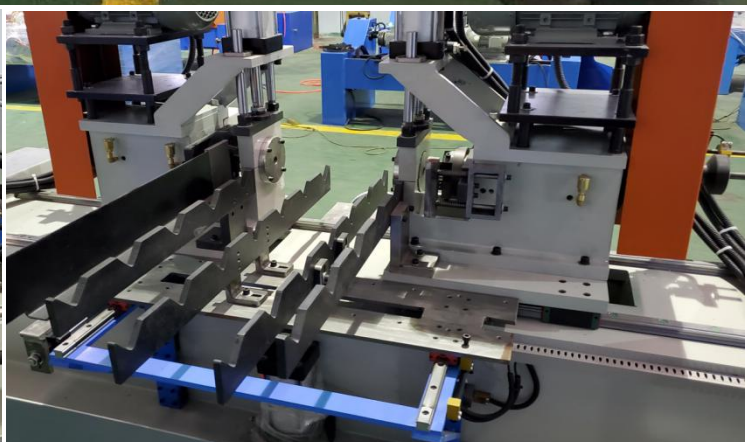
XS-50Y-II Hydraulic drag type double head chamfering machine









The electrical and hydraulic oil circuit control of this machine is specialized in one-time automatic chamfering and trimming of pipe material end face, outer corner and inner corner. It is fast and accurate. Both ends are processed at the same time, which is especially suitable for mass production. It can also be used for bar chamfering and end face cutting of some small-diameter bars.

Action process: the material flows into the material dragging and waiting position of the chamfering machine through the slope. The automatic material dragging device lifts the material vertically and moves horizontally to the clamping position of the chamfering machine. The chamfering machine automatically clamps up and down, the spindle rotates automatically and feeds rapidly. After cutting through buffer slow feed, it quickly retracts the tool, clamps up and down, retracts the clamp, lifts the material vertically again and moves out horizontally, The next raw material enters the clamping position and chamfered again.....

一、Product introduction

The double head 50 hydraulic full-automatic loading and unloading chamfering machine has the following main features:

1. The fuselage adopts linear guide rail, and the processing concentricity is more accurate;

2. The clamping die base is fixed in the center and clamped up and down. There is no need to adjust the center to replace the clamping die;

3. The specially designed drag and feed mechanism is easy to change types and save time;

4. Super strong cutter head design, stable blade installation and long tool

life;



5. Hydraulic fast feed, through buffering slow cutting, double section feed speed, saves man hours, and is easy to adjust in slow section;

6. Optional batching bin can increase storage capacity and reduce manual feeding frequency

7. It adopts translational feeding, and there is a material protection device above it to ensure the conveying of workpieces The clamping is stable accurate;

二、Main technical specifications of chamfering machine

type	XS-50Y-II Hydraulic drag type double head chamfering machine
	Processing general iron Steel aluminium Copper, round bar Hexagonal bar, stainless steel, etc
Use cutter head	Standard cutter head , CCMT09T304 US735 CCMT16T304 US735
Applicable diameter	Φ10mm—Φ50mm（pipe fitting）
Working length	Lengthened type：300mm—3200mm
Main motor power	380V———1.5 KW*2set
Oil pump pressure	1.5———2.0 Mpa 60ml/min

Processing efficiency	5-10 Seconds / piece
Axial runout tolerance	less than ±0.1 mm
Overall dimension	L 3500 mm W 1500 mm H 1500 mm

三、Equipment configuration

Name	model	quantity	Supplier brand
handpiece	XS-50Y-II	2件	Custom made steel parts
lathe bed	2000×1100×800	1件	Custom made steel parts
principal axis	Φ50×325	2套	Custom made steel parts
knife tool	YBC251 YBC205	6片	Mitsubishi, Japan
Copper sleeve	90×80×50	4件	Custom graphite copper sleeve
Main motor	YEZ-100L1-4- 1.5KW	2台	Nantong Weite
Belt	B-33 1041Li	4根	Keo
Feed cylinder	MOB40×50-50	2件	Fitow
Clamping cylinder	MOB50×125	2件	Fitow

Lifting cylinder	MOB40×80	1 件	Fitow
Feed cylinder	MOB32×120	1 件	Fitow
Solenoid valve	AC24V 50HZ 6.0VA	4 组合	Taiwan Qiyang 7OCEAN
Contactor	CJ×2-1810	2 套	CHNT chint
transformer	JBK3-100	1 件	FATO Huatong
induction machine	AC90-250V	12 个	OMRON
Head guide rail	HGR30×2m	2 根	HIWIN
Head slider	HGR30	8 块	HIWIN
Feeding guide rail	HGR20×1.2m	2 根	HIWIN
Feeding slider	HGR20	4 块	HIWIN
PLC	S7-200	1 个	Clyde
touch screen	7 寸	1 个	MCGS
Power supply		1 个	Taiwan Mingwei

四、Equipment supply list:

Serial number	name	specification	quantity	remarks

1	Host		1/set	
2	Allen wrench	3-14	1/set	
3	user's manual		1/book	random document
4	Certificate		1/piece	random document

After-sales service:

1.Warranty period: We guarantee machine quality for one year, during this year, if spare parts of the machine were damaged, we can send the component to the customer by DHL, TNT freely.

2.Our factory can send our engineer to the customer’s factory install, commission and training freely. The customer provide the double trip tickets, food and accommodation for our engineer. The customer also can send the engineer to our factory to learn the operation and maintains freely.

3.Our factory provide the service for the customer forever, if the customer need operation help, can contact us by Skype,Whatsapp,WeChat, Email and Telephone at any time, we provide 24 hours on-line service.

Zhangjiagang City Cedar Technology Co., Ltd