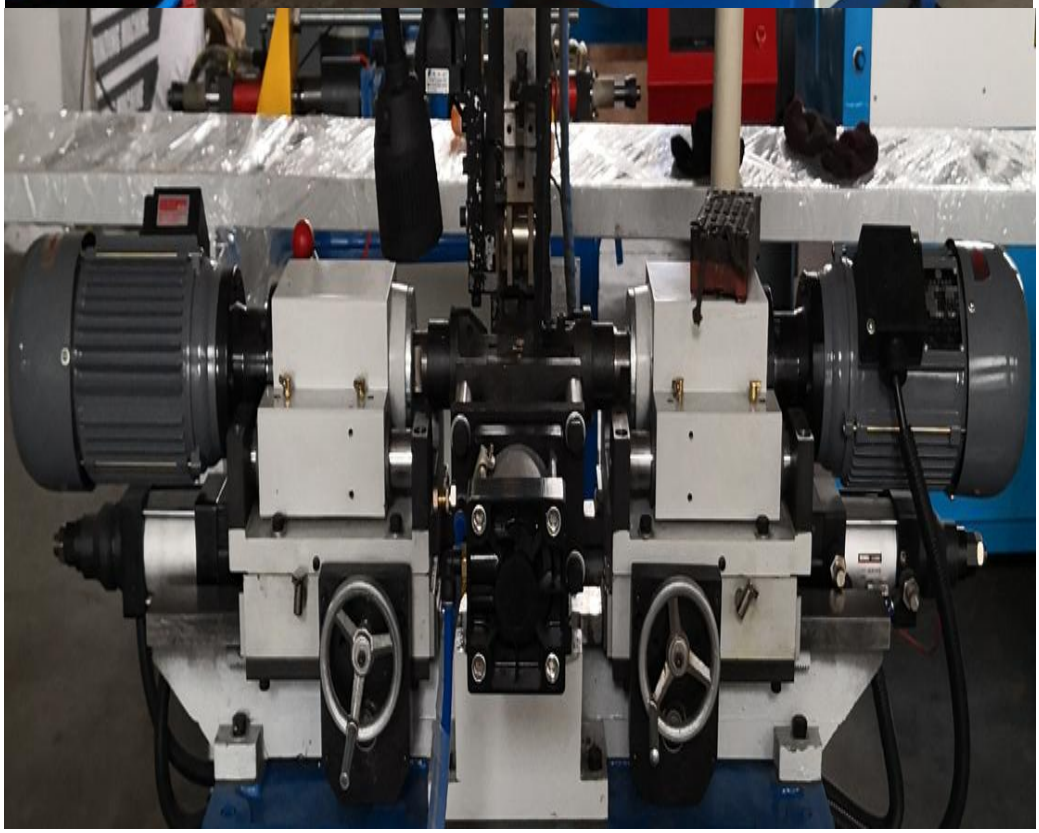
Hoist+discharge type double head chamfering machine



Hoist



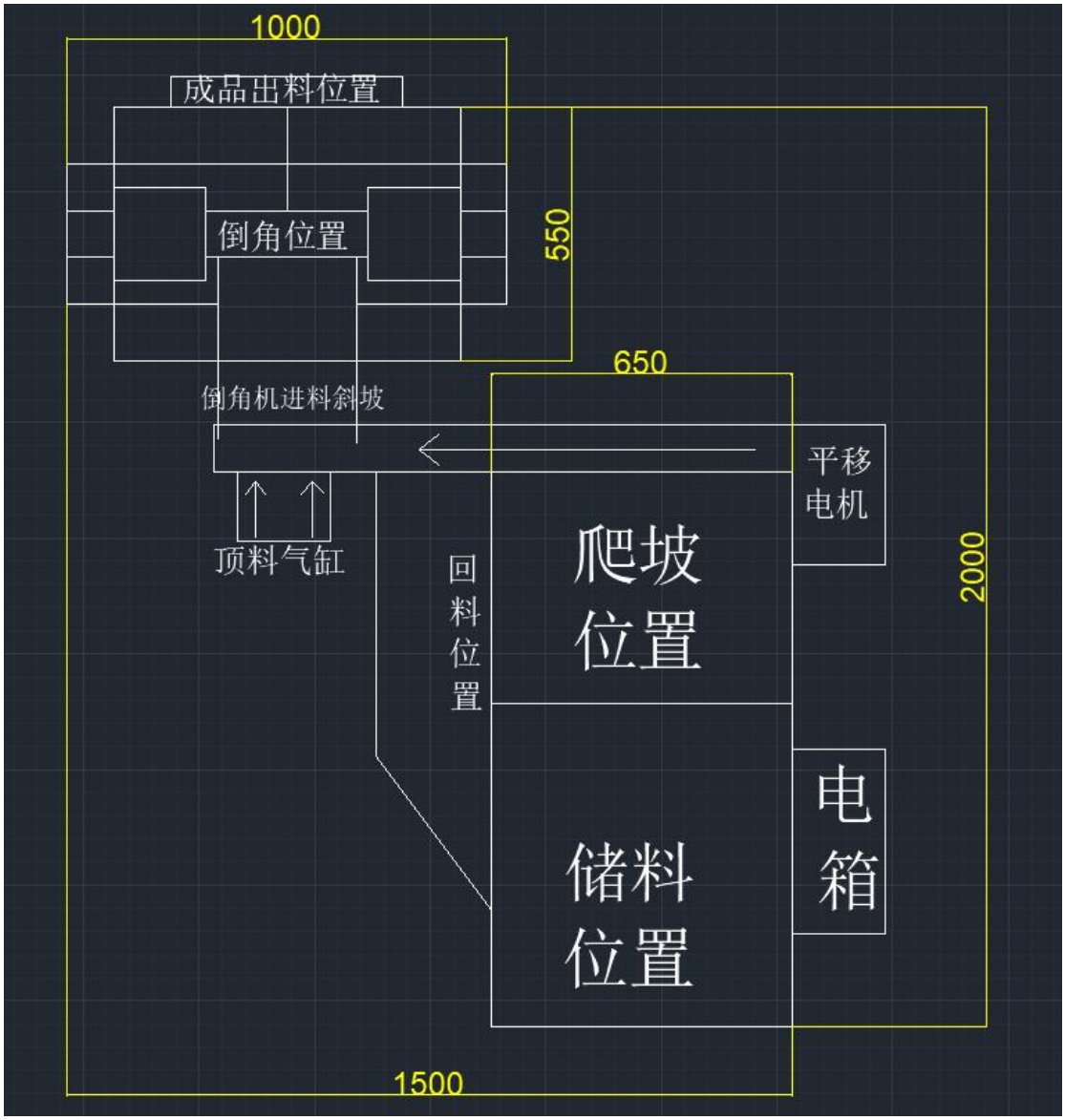




double head chamfering machine

CAD Conceptual diagram：

（The marked data are approximate dimensions for reference）



Workflow：

As shown in the figure above, the product to be processed enters the storage position of the elevator, the bottom plate of the silo is inclined, and the material



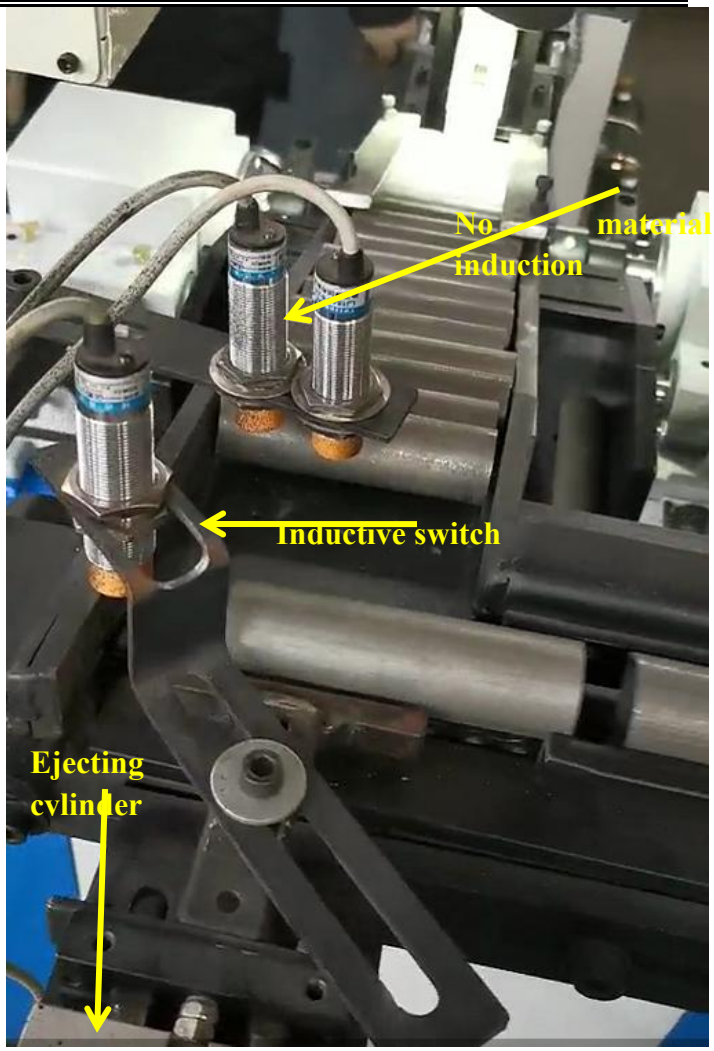
is rolled to the bottom of the climbing position by gravity



The push plate moves up and down to drive the product to climb onto the conveyor belt driven by the translation motor and move to the slope entrance of the chamfering machine. There is an adjustable limit on the conveyor belt to assist in material handling. The limit adjusted according to the pipe diameter will block the products standing up or two pipes into the return position and reorder them.



After the material is transported, it is blocked by the limit position. The upper induction switch senses the material, the jacking cylinder acts, and the jacking enters the chamfering machine slope;



At the slope entrance of the chamfering machine, there is a no material induction switch to control the start and stop of the elevator: the light is on when the material is sensed, the slope is full of material, the elevator does not work, and the elevator operates automatically when the sensing is not available；







This machine is electrically and pneumatically controlled. It is specialized in automatically chamfering and trimming small tube end faces, external corners and internal corners at one time, manually pouring materials into the elevator, automatically climbing and loading materials, automatically conveying, managing materials, sensing the lack of materials, automatically jacking materials into the slope, rolling down the slope to the upper and lower feeder manipulator, automatic clamping, automatic advance and retreat knife chamfering, falling, and cyclic work... It does not need to manually put them one by one, fast and accurate, and both ends are processed at the same time, It is especially suitable for mass production. It can also be used for bar chamfering.

Equipment characteristics：

1. This equipment is humanized design, man-machine interface type operation, and Chinese/English switching display.
2. Manual pouring and feeding into the elevator, automatic climbing and loading, automatic conveying, material management, induction of material shortage, automatic jacking and feeding into the slope, slope rolling up and down, automatic operation, fast and accurate, manpower saving.
3. The specially designed feeding mechanism is really reliable. The required profiles can be selected for the intermediate conveying station according to the outer diameter of the pipe fittings. The profile exchange is simple and time-saving.
4. The cutter head clamping mechanism is specially designed, which makes the cutter head firm and stable, and increases the service life of the cutter head.
5. According to the special workpiece of the customer, the clamping method of drill chuck can also be used to ensure the

concentricity of the workpiece after processing.

6. Double section feed speed saves working hours, and when feeding at a slow speed, the tool is fed at a constant speed, making the machined parts more perfect after processing.

7. This equipment is automatically controlled, pneumatically driven, pneumatically clamped, pneumatically fed, and easy to operate.

8. This equipment is equipped with manual and automatic dual operation functions, which is more convenient for operation.

9. Special cutter head design, using standardized blade, easy and convenient to adjust the cutter, and the internal angle, external angle and plane of the tube are processed at one time.

10. Applicable materials: steel, iron, aluminum, copper, stainless steel and other pipe fittings or bars.

Equipment parameters：

project	unit	XS-30AC-II（discharge type）
Apply outer diameter	mm	φ2～φ30
working pressure	Mpa	0.5～0.8
Workpiece tube length	mm	49~280（Optional extension）
Machining accuracy	mm	±0.05
Processing speed	根	3-5 seconds（According to the cutting amount)
Motor power	kw	0.75/1.0 *2（Select according to the product）
Spindle speed	r/min	1440/2850
Feeding form		Elevator feeding and discharging type

Sizes of chamfering machine	**mm**	**1100*850*1600**
Hoist size	**Mm**	**1500*900*1200**
Machine weight	kg	**600**

（Note: According to the particularity of your workpiece, the corresponding fixture part needs special customization。）

Device configuration：

Serial No	Part Name	Brand company
1	electric machinery	Nantong Guanshun * 2 sets
2	pneumatic components	Wuxi Hualiang
3	Valve parts	Wuxi Hualiang
4	PLC and accessories	Joint venture Xinjie
5	AC contactor	Joint venture Chint
6	Thermal relay	Joint venture Chint
7	Intermediate relay	Joint venture Chint
8	Time relay	Joint venture Chint
9	switch button	Joint venture Chint

Equipment supply list：

Serial No	Name	Specifications	quantity	remarks
1	**Machine host**		**1/set**	
2	**inner hexagon spanner**	**3-14**	**1/set**	

3	**an instruction manual**		**1/set**	**random file**
4	**certificate**		**1/set**	**random file**

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 Shigan import and export trade Co., Ltd

Business license	Opening Permit
	
CE certification of chamfering machine	**Trademark registration**
	

营业执照

（副 本）

统一社会信用代码 91320582321689049 （1/1）

名 称 张家港市雪松精工科技有限公司

类 型 有限责任公司（自然人独资）

住 所 张家港市南丰镇建工大道中石化加油站旁

法定代表人 何雪松

注册资本 1000万元整

成立日期 2014年11月06日

营业期限 2014年11月06日至******

经营范围 机械设备及零部件研发、制造、销售；自营和代理各类商品及技术的进出口业务。（依法须经批准的项目，经相关部门批准后方可开展经营活动）

登记机关

2018年04月17日

开户许可证

核准号：J3056007301301 编号：3010- 04672139

经审核，张家港市雪松精工科技有限公司 符合开户条件，准予开立基本存款账户。

法定代表人（单位负责人）何雪松 开户银行 中国工商银行股份有限公司张家港高平支行

账 号 1102029090300013362

发证机关（盖章）

2014 年 11 月 13 日

Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

Certificate of Compliance

No. 0D180828.ZCTTD11

Technical Construction File no. ZCT-18000820

Certificate's Holder: ZHANGJIAGANG CEDAR TECHNOLOGY CO., LTD. Jiangong Avenue next to Sinopec gas station, Nanfeng Town, Zhangjiagang City

Certification ECM Mark:

Product: Model(s): Chamfering Machine (see the following annex I)

Verification to: Standard: EN ISO 12100:2010, EN 60204-1:2006+A1:2009+AC:2010

related to CE Directive(s): 2006/42/EC (Machinery) 2014/35/EU (Low Voltage)

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecerma.it. This Certificate of Compliance can be checked for validity at www.entecerma.it

This verification doesn't imply assesment of the production of the product(s).

Additional information, clarification about the CE Marking:

We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is Responsible to start the CE Marking Certification Procedure and to perform all the necessary activities, as required by the Directive before placing the CE Mark on the product(s).

Date of issue 28/August 2018 Chief Manager Matteo Monga

Expiry date 27 August 2023 Deputy Manager Amanda Payne

Ente Certificazione Macchine Srl

Via Ca' Bella, 243 – Loc. Castello di Serravalle – 40053 Valsamoggia (BO) - ITALY

☎ +39 051 6705141 +39 051 6705156 info@entecerma.it www.entecerma.it

第 23635790 号

商标注册证

核定使用商品/服务项目（国际分类：7）

第7类：机锯（机器）；金属加工机械；开齿机；弯曲机；刀片（机器部件）；自行车工业用机器设备；磨刀机；管件磨口机（玻璃加工机械）；切割机；切断机（机器）（截止）

注 册 人 张家港市雪松精工科技有限公司

注册人地址 江苏省苏州市张家港市204国道南丰段11号

注册日期 2018年04月07日 有效期至 2028年04月06日

局 长 刘俊臣 发证机关 商标局