



上海华葵机电科技有限公司

Shanghai Huagui Mechanical and Electrical Technology Co., Ltd.



上海华葵机电科技有限公司

Shanghai Hua Gui Mechanical-Electric Technology CO., LTD.

上海市新市北路 1525 弄 2 号 1301 室

联系人: 张登明 (销售经理) 15921248587

邮箱: huagui@163.com

邮编: 200434

Room1301, No.2 of lane 1525, xinshibei road,

hongkou district, Shanghai, 200434

Contact: Zhang Dengming (Sales Manager) 15921248587

E-mail: huagui@163.com

企业简介

Company profile

上海华癸机电科技有限公司是压接机、拉力试验机、立式与卧式拉弯扭复合试验机等设备的专业生产企业，注册在国家级上海崇明工业园。公司主创人员积十几年设计、生产、销售经验，广泛听取用户宝贵意见，不断改进设计与制造理念进行技术创新，设计制造出高效节能的专用设备。

● 公司在设计、生产过程，始终专注于五个基本目标：

1、特点

1.1 节能

以下是公司压接机设备的动力耗能指标（表一）

机型	CP3200	LCP3400	LCP6000
动力 (KW)	2.2	3	4
用油量 (L)	180	180	250

上述能耗指标是世界上节能压接机。

1.2 辅助散热

因我公司设备液压系统独特的设计，在最炎热的夏季能保证 24 小时连续生产（不需辅助冷却系统），油温保持在 50℃左右，使压接产品的稳定性能得到可靠保证并且大大延长了油的使用寿命。

1.3 紧凑型

将液压站与主机整合成一体，显著节省车间生产面积。

1.4 超声波监测系统

可以实时监测产品在压接过程的损坏情况从而保证压接质量。

1.5 高压接质量与高生产率完美组合

压接压痕可与进口机媲美，生产率也不逊于进口机，小规格产品可在 8 秒以内完成一次快进 - 工进 - 卸压 - 快退至原位的全过程。

1.6 数据保存特点

压接数据实时保存可以通过回放软件查询产品的压接数据，如有需要可以通过打印机打印所需的数据。

1.7 在弯扭机设计中，增加了随动机构，即当进行弯曲试验时，弯力油缸能随工件上下摆动；当进行扭转试验时，油缸能左右摆动，以尽量使加载力与工件保持垂直。

2、可靠性

质量是企业的生命。我公司在产品设计过程中，从零件的材料、热处理工艺开始进行精细选择。在产品加工与装配过程全程监控，从而保证设备的可靠性。

3、普遍适用性

最大限度满足各种工况与使用要求

4、人性化设计

在重体力操作工序中，我公司时刻注意降低或避免操作人员繁重体力劳动和提高工作效率。在高吨位压接机中增设大回转送料架，在拉力试验机中将手提沉重插销改为手推滚动加载头等。

5、用户至上

用户至上是公司服务的核心。公司坚持定期回访用户与用户建立融洽、和谐、互信关系，认真倾听用户意见及时妥善解决设备的技术故障。无偿向用户提供技术咨询。

Shanghai Huagui Mechanical and Electrical Technology Co., Ltd. is a professional manufacturer of crimping, tension testing machine of composite insulator, located in Chongming Industrial Park of Shanghai. The company's founders have more than ten years' experience in design, production and sales of this type machine. And they have constantly improved their design and manufacturing concepts to catch up with technological innovation, and have designed and manufactured special equipment with high efficiency and energy saving concept.

In the process of design and production, the company always concentrates on five basic goals:

1. characteristics

1.1 energy saving

The following are the power consumption indicators of the company's press equipment (Table 1)

Model	CP3200	LCP3400	LCP6000
Power (KW)	2.2	3	4
Oil consumption (L)	180	180	250

The above energy consumption index is the energy-saving crimping in the world.

1.2 Auxiliary Heat Dissipation

Our equipment can guarantee 24 hours continuous production base on our special hydraulic system concept. In production (no need extra cooling system), the oil temperature is maintained at about 50 C, so it will not only can ensure the stability of crimping process but also can extend the hydraulic oil life time.

1.3 Machine size

Hydraulic station and main engine are integrated to save workshop production area.

1.4 Ultrasound Monitoring System

It can monitor the damage of products in the process of crimping in real time so as to ensure the quality of crimping.

1.5 High crimping quality and high productivity

Crimping stability is the same level with German machine, and the completed CT will be less than 8s.

1.6 Data Preservation Characteristics

Crimping data is recordable real-time, and can be read and printed if it's necessary.

1.7 In the design of bending and torsion machine, a follow-up mechanism is added, when bending test is start, the bending cylinder can follow the workpiece. Downward swing when torsion test is start, the cylinder can swing left and right to keep the loading force perpendicular to the workpiece as far as possible.

2. Reliability

During machine design process, our company begin to select the material and heat treatment technology of the parts. In order to ensure the high reliability of the equipment, the whole process of product processing and assembly is trackable.

3. Applicability

Machine can meet the requirements of various working conditions by special design concept.

4. Humanized Design

Some assistant fixture design to avoid heavy work loading to operator.

5. Customer first

Our company is always focusing on VOC (voice of customer), try to design every machine base on the different customer requirement, and the technical consult will be free at the same time.

LCP6000型压接机

LCP6000 Crimping Machine



适用范围

法兰直径在 300mm 及以下等级支柱、横臂等；也适用 530KN 及以下等级悬式绝缘子。

Scope of application

Scope of application: Flange diameter of 300 mm and below grade post, crossarms, etc., also applicable to 530 KN and below grade suspension insulators.

>>> 技术参数 Technical parameters. See

型号	Type	LCP6000
最大压接力 (KN)	Max. crimping force	6000
最高工作压力 (MPa)	Max. working pressure	25
中心孔直径 (mm)	Dia. of center hole	Φ220
适用最大法兰直径 (mm)	Max. flange dia	Φ300
最大压接直径 (mm)	Max. crimping dia	Φ160
模具外径 (mm)	Outside dia. Of die	Φ220
最大模具长度 (mm)	Max. L. of dies	90
模具开口直径 (mm)	Opening	金具外径 +200 Outer diameter of fittings+200
快进速度 (mm/S)	Moving forward speed	19.4
快退速度 (mm/S)	Moving back speed	26
工进 (压接) 时间 (S)	Crimping time	≤7
长 × 宽 × 高 (mm)	L × W × H	1430 × 1050 × 2130
重量 (T)	Weight	3.3
压接机工作模式	Working pattern	手动、自动、脚踏开关 Manual, Auto, Foot switch
压接机控制模式	Control pattern	压力、位移位值 Pressure, Bit shift value
显示	Display	工业液晶触摸显示屏 Touch screen
自动加油装置	Automatic greasing device	有 yes
电机功率 (KW)	Power	4
油箱总容量 (L)	Volume of oil tank	220

LCP3400型压接机

LCP3400 Crimping Machine



适用范围

法兰直径在 180mm 及以下等级支柱、横臂、熔断器等；也适用 160KN 及以下等级悬式绝缘子。

Scope of application

Scope of application: Flange diameter of 180 mm and below grade post, crossarms, fuse cutout, etc. It also applies to 160KN and below grade suspension insulators.

>>> 技术参数 Technical parameters. See

型号	Type	LCP3400
最大压接力 (KN)	Max. crimping force	3400
最高工作压力 (MPa)	Max. working pressure	25
中心孔直径 (mm)	Dia. of center hole	Φ200
适用最大法兰直径 (mm)	Max. flange dia	Φ180
最大压接直径 (mm)	Max. crimping dia	Φ100
模具外径 (mm)	Outside dia. Of die	Φ185
最大模具长度 (mm)	Max. L. of dies	80
模具开口直径 (mm)	Opening	金具外径 +120 Outer diameter of fittings+120
快进速度 (mm/S)	Moving forward speed	16.8
快退速度 (mm/S)	Moving back speed	22.4
工进 (压接) 时间 (S)	Crimping time	≤5
长 × 宽 × 高 (mm)	L × W × H	1020 × 870 × 1980
重量 (T)	Weight	2.2
压接机工作模式	Working pattern	手动、自动、脚踏开关 Manual, Auto, Foot switch
压接机控制模式	Control pattern	压力、位移位值 Pressure, Bit shift value
显示	Display	工业液晶触摸显示屏 Touch screen
自动加油装置	Automatic greasing device	有 yes
电机功率 (KW)	Power	3
油箱总容量 (L)	Volume of oil tank	180

CP3200型压接机

CP3200 Crimping Machine



适用范围

适用范围 160KN 及以下等级悬式绝缘子、小型横臂及支柱等。

Scope of application

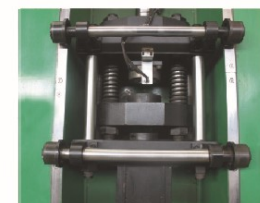
Scope of application: Class 160KN and below suspension insulators, small crossarms and post, etc.

>>> 技术参数 Technical parameters. See

型号	Type	CP3200
最大压接力 (KN)	Max. crimping force	3200
最高工作压力 (MPa)	Max. working pressure	25
中心孔直径 (mm)	Dia. of center hole	Φ150
适用最大法兰直径 (mm)	Max. flange dia	Φ160
最大压接直径 (mm)	Max. crimping dia	Φ60
模具外径 (mm)	Outside dia. Of die	Φ120
最大模具长度 (mm)	Max. L. of dies	70
模具开口直径 (mm)	Opening	金具外径 +100 Outer diameter of fittings+100
快速速度 (mm/S)	Moving forward speed	31
快速退速度 (mm/S)	Moving back speed	21.6
工进 (压接) 时间 (S)	Crimping time	≤6
长 × 宽 × 高 (mm)	L × W × H	900 × 700 × 1670
重量 (T)	Weight	1.1
压接机工作模式	Working pattern	手动、自动、脚踏开关 Manual、Auto、Foot switch
压接机控制模式	Control pattern	压力、位移位值 Pressure, Bit shift value
显示	Display	工业液晶触摸屏 Touch screen
自动加油装置	Automatic greasing device	有 yes
电机功率 (KW)	Power	2.2
油箱总容量 (L)	Volume of oil tank	180

拉力试验机

Tensile Testing Machine



反相器
Inverter mechanism

设备特点

- 1、除具备逐个试验、1分钟耐受试验、破坏试验、设计试验和型式试验等试验功能外，增设逐级拉伸负荷试验功能，这对新产品研发尤为方便。
- 2、采用成熟比例阀或伺服液压控制系统，保证2%~100%量程范围内1%的相对试验精度。
- 3、采用大型H型钢焊成方框型构架，具有很高的结构强度和刚度。
- 4、压式传感器装在油缸侧的反相器上，加载头装在另一侧行走小车上反相器与行走小车上都装有二对滚轮，在机架的精加工轨道上滚动，可保证高精度。
- 5、更换工件时工人无需手提沉重的插销，只需轻推行走小车的加载头即可实现，大大减轻了劳动强度。
- 6、试验时如加载头没有接触压力传感器时油缸快速移动，与压力传感器接触后按设定加载速率进行加载。结束后快速回到起始位置从而提高工作效率。

Equipment characters

- 1、Combine many different function, one minute durability test, destruction test, tension load test etc. It will be easier and flexible for customer to do test for develop a new product.
- 2、Reliable hydraulic servo valve control system to guarantee 1% accuracy
- 3、Square shaped frame welded by H type steel is used, so that the frame has higher structure strength and stiffness.
- 4、Compression Load cell are set up on inverse mechanism which is on side face of oil cylinder, loading heads are set up on the moving pony truck. There are two pairs of rolling wheel on both inverter and pony truck. They roll on the fine finishing track of frame, to ensure higher accuracy of operation.
- 5、When loading, instead of lifting the heavy plug pin by operator, Operator only needs to push the loading head on track slightly. In this way, operator's physical labor can be greatly reduced.
- 6、When the loading head did not touch the pressure sensor, the cylinder moves rapidly. After touch the pressure sensor, the cylinder is loaded at a set loading rate. Quickly return to the starting position after completion to improve work efficiency.

>>> 技术参数 Technical parameters. See

型号	Type	ITT500	ITT1000	ITT2000
最大拉伸负荷 (KN)	Max. tensile load	500	1000	2000
外形尺寸 长 × 宽 × 高 (mm)	Profile size L × B × H	10895 × 980 × 850	15650 × 1200 × 880	16210 × 1220 × 900
机架有效宽度 (mm)	Effective Breadth	580 ± 0.5	600 ± 0.5	620 ± 0.5
机架有效长度 (mm)	Effective Length	8000	14000	14000
加载插孔间距 (mm)	Loading hole space	600	600	600
油泵流量 L/min	低压泵 Low pressure pump	25	40	60
	高压泵 High pressure pump	2.5	2.5	2.5
油泵最高工作压力 (MPa)	Max working pressure of oil pump	20	20	25
活塞杆速度 mm/S	快速 Fast forward	19	15	14.7
	快速退 Fast backward	24	19	18
活塞杆行程 mm	Piston stroke	620	620	620
控制模式	Control mode	微机实时控制系统 Micro computer real-time Control system		
显示	Display	工业液晶触摸屏 Touch screen		
电机功率 (KW)	低压泵 Low pressure pump	2.2	3	4
	高压泵 High pressure pump	1.5	1.5	1.5
油箱尺寸: 宽 × 长 × 高	Oil tank size : L × B × H	690 × 940 × 690	750 × 1000 × 690	750 × 1000 × 690
油箱容量: (L)	Oil tank volume	180	250	250

注: ① 根据用户需要, 可增加液压倾翻式防护罩。
Note: Safety cover can be added by customer requirement (standard machine not included).
② 也可按用户特殊要求定制。
The above parameters can be adjusted according to customer's requests.