



广州康美风数控设备股份有限公司
Comifo Duct Manufacture Machine Co.,Ltd

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Email:comifo@21cn.net

Due to continuous improvements,Comifo® reserves the right to modify the product design and specifications contained herein without notice. Pls contact Comifo for the most current specification information.

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集团官方网站
Comifo Group Website



数控设备网站
Duct Machine Website



企业微信
Comifo Wechat

2018



2018



广州康美风数控设备股份有限公司
COMIFO DUCT MANUFACTURE MACHINE CO.,LTD

防火阀风阀加工设备
FIRE DAMPER FORMING MACHINE

通风管道加工设备
HVAC DUCT FORMING MACHINE

等离子切割机
PLASMA CUTTING MACHINE

线槽加工设备
CABLE TRAY FORMING MACHINE

钣金冷弯成型设备
SHEET METAL ROLL FORMING MACHINE



COMIFO GROUP 康美风集团旗下公司

广州康美风数控设备股份有限公司
COMIFO DUCT MANUFACTURE MACHINE CO.,LTD
(GUANGZHOU)

主营产品: 通风管道加工设备, 等离子切割机, 防火阀风阀加工设备, 电缆桥架生产设备, 钣金冷弯成型设备等
Product: HVAC Duct Forming Machine, Plasma Cutting Machine, Fire Damper Forming Machine, Cable Tray Forming Machine, Sheet Metal Roll Forming Machine etc.

广州康美风空调设备有限公司
COMIFO AIR-CONDITIONING EQUIPMENT CO.,LTD
(GUANGZHOU)

主营产品: 风管, 防火阀, 风量调节阀, 空气处理机, 风机盘管, 风口, 消声器, 静压箱, 加压送风口, 变风量末端, 地台送风机等
Product: Duct, Fire Damper, Volume Control Damper, Air Handling Unit, Fan Coil Unit, Air Outlet, Muffler, Plenum Chamber, Smoke Exhaust Outlet, VAV Box, Underfloor Air Outlet etc.

广州普临实业有限公司
PREN CONTROL CO.,LTD
(GUANGZHOU)

主营产品: 执行机构, 温控器, 线性调节阀门, 水阀, 通用阀门等
Product: Actuator, Thermostat, Linear Regulative Valve, Water Balancing Valve, General Valve etc.

郴州市康美风工业技术有限公司
COMIFO (CHENZHOU) INDUSTRIAL TECHNOLOGY CO.,LTD

主营产品: 风机, 消声器, 静压箱, 通风管道加工设备, 防火阀加工设备
Product: Fan, Muffler, Plenum Chamber, Duct Forming Machine, Fire Damper Forming Machine etc.

广东康美风通风设备有限公司
COMIFO VENTILATION EQUIPMENT CO.,LTD
(GUANGDONG)

主营产品: 风管, 防火阀, 消声器, 静压箱, 风量调节阀等空调末端产品
Product: Duct, Fire Damper, Muffler, Plenum Chamber, Volume Control Damper and other HVAC products.

企业简介

康美风集团是集中央空调设备生产、安装、销售一体的经济实体，是中央空调末端装置、通风空调系统各类管道、风阀、配件及其风管加工设备的专业生产厂家。

广州康美风数控设备股份有限公司作为康美风集团子公司之一，是一家制造风管加工生产线、圆管加工设备、防火阀/调节阀生产线、线槽/电缆桥架生产线、钣金加工设备、冷轧成型设备的高新技术企业。

总部位于广州市，工厂占地4万平方米。郴州生产基地占地10万平方米，位于湖南省郴州国家级高新技术产业开发区，清远生产基地占地3.33万平方米，位于广清产业园。

自2000年制造出第一台全自动风管生产线以来，公司专注于冷轧成型设备的研发和制造，尤其在金属风管加工设备生产领域，已处于国际领先水平。且主要核心技术拥有自主知识产权。公司产品出口到波兰、瑞士、土耳其、俄罗斯、美国、加拿大、墨西哥、委内瑞拉、智利、沙特阿拉伯、阿联酋、叙利亚、澳大利亚、新加坡、印度、马来西亚等一百二十多个国家和地区，并在国内和世界许多地区设立了办事处和代理。公司每年都派技术人员到美国、德国等地进行技术培训和学习交流，使我们技术和服 务始终与世界先进水平同步发展。

康美风在短短的十几年里，不断研发并获得了大量的先进技术和产品，也因此发展成为一个在全球范围内享有盛誉的集金属自动成型与加工系统的设计、制造、服务于一体的专业化、国际化的公司，为金属成型和加工领域的用户提供更多的产品和服务。康美风是暖通空调行业辊轧成型技术和等离子切割系统的领先者，提供的产品能有效降低通风空调及消防通风排烟管道系统工程承包商的劳动力并大大提高生产安装效率。

康美风是中国制冷学会、中国制冷空调工业协会、广东省制冷学会、广东省消防学会、广东省建筑装饰材料行业协会的会员，已通过ISO9001:2015质量认证，SGS认证和CE认证，并建立切实可行的质量保证体系和服务体系，始终坚持按国际高标准要求，严把质量控制关，给客户 提供物美价廉，高性价比的产品。更以其严格而规范化的管理、精良的产品以及系列的售后服务，铸造了行业的品牌。



Comifo Group specializes in manufacturing, contracting and selling HVAC air conditioning equipments, HVAC machinery, valve and actuators.

Comifo Duct Manufacture Machine Co., Ltd is one of Comifo group member, the leading company which specializes in machine manufacture, involving in Heating, Ventilation and Air Conditioning (HVAC) fabrication, cable tray fabrication, coil processing, roll forming, etc.

Advantages

With its advanced technology, Comifo grows to be a company of designing, manufacturing and selling machines to customers all over the world, from whom we obtain reputation and precious improvement advice to meet the world's verifying technology. This is so called INNOVATION, the spirit of the ever-lasting development of a company, impresses the world of machinery.

Comifo's Research & Development Department general technical and innovative machine designers who take training regularly. By doing this, top machine technology can be seen from a piece of Comifo's work, such as the patented Hydraulic Fold-seamer (Seamatic), as well as Comifo patented Automotion Pittsburgh Lock Former.

Our products have been exported more than 120 countries such as Poland, Switzerland, Turkey, Russia, U.S.A., Canada, Mexico, Venezuela, Chile, Saudi Arabia, UAE, Syria, Australia, Singapore, India, Malaysia and so on.



After-sale Service

Comifo gained ISO9001:2008 certificate, CE certificate as well as SGS certificate etc.

Comifo offers an unrivaled level of after-sales care and attention. Besides 24-month guarantee, operator training is encouraged and accessible. Comifo does everything to make you be assured of our most honored service.

For your convenience, we've listed as much detail as possible about each piece of equipment. We believe your feedback is always important to us. From such precious feedback, we know how we have been doing and how we could improve in the future. Please write us your comments, suggestions or questions and we will reply to you soon.

If you would like additional information or if you have questions, please contact us at comifo@21cn.net



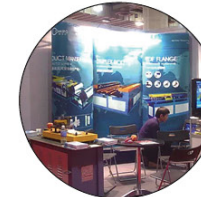


Exhibitions

历年展会剪影



2007年中国制冷展
CRH 2007



2008年美国制冷展
AHR 2008



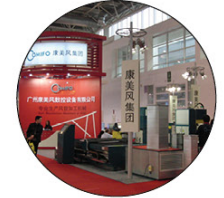
2008年中国制冷展
CRH 2008



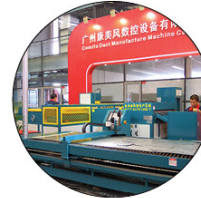
2009年中国制冷展
CRH 2009



2010年土耳其制冷空调展
ISK-SODEX 2010



2010年中国制冷展
CRH 2010



2011年中国制冷展
CRH 2011



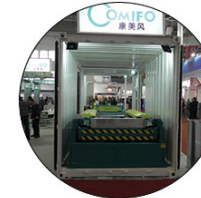
2012年中国制冷展
CRH 2012



2013年中国制冷展
CRH 2013



2014年中东金属加工展
STEELFAB 2014



2014年中国制冷展
CRH 2014



2015年中国制冷展
CRH 2015

注：康美风 2006 年起研发生产直线型全自动风管生产线。
Comifo had it's duct auto line manufactured since 2006

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防火阀加工设备 Fire Damper Fabricating Machines

防火阀外框全自动生产线 Fire Damper Frame Manufacture Auto Line
 加压送风口(排烟口)外框生产线 Smoke Exhaust Outlet Frame Auto Line
 防火阀叶片全自动生产线 Fire Damper Blade Manufacture Auto Line
 全自动支撑条(凹槽)生产线 Damper Support Bar Manufacture Auto Line
 防火阀多功能铆接平台 Fire Damper Fastening Table
 不锈钢弹簧片生产线 Stainless Steel Spring Strip Auto Line



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风管生产线系列 Duct Manufacture Coil Lines

全功能风管生产线 Duct Manufacture Auto Line PRO
 风管生产一线 Duct Manufacture Compact Line I
 风管生产二线 Duct Manufacture Compact Line II
 风管生产超级二线 Duct Manufacture Super Line II
 风管生产三线 Duct Manufacture Compact Line III
 风管生产超级三线 Duct Manufacture Super Line III
 风管生产四线 Duct Manufacture Auto Line IV
 全自动风管生产七线 Duct Manufacture Auto Line VII



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辘骨机系列 Pittsburgh Lock Formers

RF-12DR 辘骨机 Pittsburgh Lock Former RF-12DR
 RF-12M 辘骨机 Pittsburgh Lock Former RF-12M
 RF-08S/12S 按扣式辘骨机 Button Lock Former RF-08S/12S
 RF-08B 圆管辘骨机 Snap Lock Former RF-08B
 RF-08D 立式 S 骨成型机 Standing "S" Cleat RF-08D



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法兰成型机系列 Flange Forming Machines

TDF 共板法兰成型机 TDF Flange Former
 卡码刻痕机 Clip Cutter
 TTF/LT 插式法兰成型机 TTF/LT Mate Flange Former
 GDF 共板法兰成型机 GDF Flange Former
 TDF 共板法兰风管安装图解 Fabrication and Installation of TDF Flange System
 插接式法兰系统配套设备 TTF/LT Flange System



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等离子切割机 Plasma Cutting Machine



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风管加工配套系列 Duct Strengthening/Connecting Machines

角码/勾码模具 Corner Mould, Clamp Mould
 全自动角码生产线 Automatic Corner Fabricating Line
 角码装订机 Corner Inserter
 手动折边机 TDF Hand Folder
 气动折边机 Pneumatic Folding Machine
 液压折边合口机 Seamic
 风管立式合缝机 Vertical Duct Seam Closing Machine
 风管缝合骨机 Duct Zipper
 手动咬式机 Hand Cleat Bender
 压筋机 Beading Machine



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圆管系列 Round/Oval Machines

螺旋圆风管成型机 Spiral Tube Former
 钢带型螺旋管机 Spiral Tube Forming Machine Model FHNR-1400
 偏三星辊卷圆机 3-Roller Bending Machine
 缝焊机 Seam Welder
 液压圆弯头咬口机 Hydraulic Elbow Maker
 角铁卷圆机 Section Bender
 辘线机 Rotary Machine
 圆管合缝机 Lockseaming Machine
 椭圆风管机 Ovalizer Champ



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板材加工设备 Coil Processing and Metal Forming Machines

调平剪板机 Cut to Length Line
 液压料架 Hydraulic Decoiler
 液压剪板机 Hydraulic Guillotine



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电缆线槽生产线 Cable Tray Manufacture Auto Line

Galv. Sheet Gauge No.	Galv. Sheet Inch (Decimal)	Galv. Sheet mm
16	0.0635	1.6129
17	0.0575	1.4605
18	0.0516	1.31064
19	0.0456	1.15824
20	0.0396	1.00584
21	0.0366	0.92964
22	0.0336	0.85344
23	0.0306	0.77724
24	0.0276	0.70104
25	0.0247	0.62738
26	0.0217	0.55118
27	0.0202	0.51308
28	0.0187	0.47498
29	0.0172	0.43688
30	0.0157	0.39878

销售网络

防火阀加工设备

康美风机械销售到全球

128 个国家和地区

Comifo has been selling to more than 128 countries and areas.

OCEANIA 大洋洲

- AUSTRALIA(澳大利亚)
- BOLIVIA(玻利维亚)
- COSTA RICA(哥斯达黎加)
- ECUADOR(厄瓜多尔)
- GUAM(关岛)
- GUATEMALA(危地马拉)
- MEXICO(墨西哥)
- PANAMA(巴拿马)
- POLYNESIA(波利尼西亚)
- URUGUAY(乌拉圭)

AFRICA 非洲

- ALGERIA(阿尔及利亚)
- ANGOLA(安哥拉)
- BENIN(贝宁)
- BOTSWANA(博茨瓦纳)
- EGYPT(埃及)
- ETHIOPIA(埃塞俄比亚)
- GHANA(加纳)
- KENYA(肯尼亚)
- MAURITIUS(毛里求斯)
- MOROCCO(摩洛哥)
- NAMBIA(纳米比亚)
- NIGERIA(尼日利亚)
- REUNION(法属留尼旺岛)
- SENEGAL(塞内加尔)
- SOUTH AFRICA(南非)
- SUDAN(苏丹)
- TANZANIA(坦桑尼亚)
- TUNISIA(突尼斯)
- ZAMBIA(赞比亚)

AMERICA 美洲

- ARGENTINA(阿根廷)
- BAHAMS(巴哈马)
- BRAZIL(巴西)
- CANADA(加拿大)
- CHILE(智利)
- COLOMBIA(哥伦比亚)
- DOMINICA(多米尼加共和国)
- EL SALVADOR(萨尔瓦多)
- GRENADA(格林纳达)
- PERU(秘鲁)
- PUERTO RICO(波多黎各)
- TRINIDAD AND TOBAGO(特立尼达和多巴哥)
- USA(美国)
- VENEZUELA(委内瑞拉)

ASIA 亚洲

- ARMENIA(亚美尼亚)
- AZERBAIJAN(阿塞拜疆)
- BAHRAIN(巴林)
- BANGLADESH(孟加拉国)
- BRUNEI(文莱)
- CAMBODIA(柬埔寨)
- CHINA(中国)
- GEORGIA(格鲁吉亚)
- HONG KONG(中国香港)
- INDIA(印度)
- INDONESIA(印度尼西亚)
- IRAN(伊朗)
- IRAQ(伊拉克)
- ISRAEL(以色列)
- ISRAEL(以色列)
- JAPAN(日本)
- JORDAN(约旦)
- KAZAKHSTAN(哈萨克斯坦)
- KUWAIT(科威特)
- KYRGYZSTAN(吉尔吉斯斯坦)
- MALAYSIA(马来西亚)
- MONGOLIA(蒙古)
- MYANMAR(缅甸)
- NEPAL(尼泊尔)
- NORTH KOREA(朝鲜)
- OMAN(阿曼)
- PAKISTAN(巴基斯坦)
- PALESTINE(巴勒斯坦)
- PHILIPPINES(菲律宾)
- QATAR(卡塔尔)
- REPUBLIC OF LEBANON(黎巴嫩)
- SAUDI ARABIA(沙特阿拉伯)
- SINGAPORE(新加坡)
- SOUTH KOREA(韩国)
- SRI LANKA(斯里兰卡)
- SYRIA(叙利亚)
- TAIWAN(中国台湾)
- TAJIKISTAN(塔吉克斯坦)
- THAILAND(泰国)
- TURKEY(土耳其)
- TURKMENISTAN(土库曼斯坦)
- UAE(阿联酋)
- UZBEKISTAN(乌兹别克斯坦)
- VIET NAM(越南)
- YEMEN(也门)

EUROPE 欧洲

- ALBANIA(阿尔巴尼亚)
- AUSTRIA(奥地利)
- BELARUS(白俄罗斯)
- BELGIUM(比利时)
- BOSNIA AND HERZEGOVINA(波黑)
- BULGARIA(保加利亚)
- CROATIA(克罗地亚)
- CYPRUS(塞浦路斯)
- CZECH(捷克)
- DENMARK(丹麦)
- ESTONIA(爱沙尼亚)
- FINLAND(芬兰)
- FRANCE(法国)
- GERMANY(德国)
- GREAT BRITISH(英国)
- GREECE(希腊)
- HUNGARY(匈牙利)
- IRELAND(爱尔兰)
- ITALY(意大利)
- KOSOVA(科索沃)
- LATVIA(拉托维亚)
- MOLDOVA(摩尔多瓦)
- MONACO(摩纳哥)
- NETHERLANDS(荷兰)
- NEW ZEALAND(新西兰)
- NORWAY(挪威)
- POLAND(波兰)
- PORTUGAL(葡萄牙)
- REPUBLIC OF LITHUANIA(立陶宛)
- ROMANIA(罗马尼亚)
- RUSSIA(俄罗斯)
- SERBIA(塞尔维亚)
- SLOVAKIA(斯洛伐克)
- SLOVENIA(斯洛文尼亚)
- SLOVENIA(斯洛文尼亚)
- SPAIN(西班牙)
- SWEDEN(瑞典)
- SWITZERLAND(瑞士)
- SYPRUS(塞浦路斯)
- UKRAINE(乌克兰)



康美风自 2006 年开始投入生产防火阀全自动生产线，其中有防火阀外框全自动生产线，防火阀叶片全自动生产线，多功能铆接平台，及防火阀安装过程中用到的模具和压装机。

Comifo designed and produce fire damper auto lines since 2006. A fire damper frame auto line, fire damper blade auto line, fastening table and other fabricating moulds and machines can achieve high production fire damper production.

防火阀外框全自动生产线

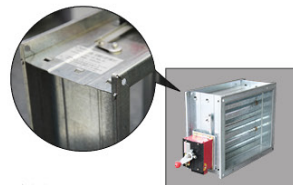
康美风首度成功研发并顺利生产出由 PLC 电脑系统控制的防火阀外框自动生产线，含料架、调平压筋、冲孔、滚压成型及折弯。最快线速度为 13m/min，适用于各种不同型号的阀门外框生产。此自动生产线等同于一个全自动工作坊，大大削减人力成本。

Comifo developed the first PLC-controlled auto line for fire damper frame. It consists of decoiler, straightening, grooving, notching, roll forming machine as well as folding machine. It is suitable for different size damper manufacture. Maximum speed is 13m/min. With this machine you can have a fully automatic damper workshop, which reduces the labor cost greatly.

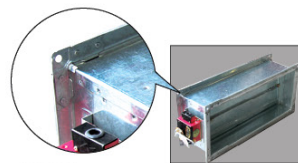
该设备可生产两种形式边框产品，一种新型的一体式手折型边框，一种 TDF 角码连接铆接型边框，既可高效率应用新工艺生产，也可以满足旧工艺生产，一机两用，满足不同的生产需求。

The Fire damper frame manufacture auto line can fabricate two kinds of frames, newly designed hand fold integrated frame and TDF corner fastened frame. Two kinds of frames to be fabricated in one machine, reaching different requirements with no doubt.

型号 Model No.	料厚范围 Thickness Range	加工料宽 Coil Width	阀体厚度 Damper Body Width	加工速度 Speed	卷料最大承重 Decoiler Capacity
FDFA-ZM	1.5-2.0mm	276mm	200mm	13m/min	1.5TON



折边型
Integrated Frame



铆接型
Fastened Frame



加压送风口（排烟口）外框生产线

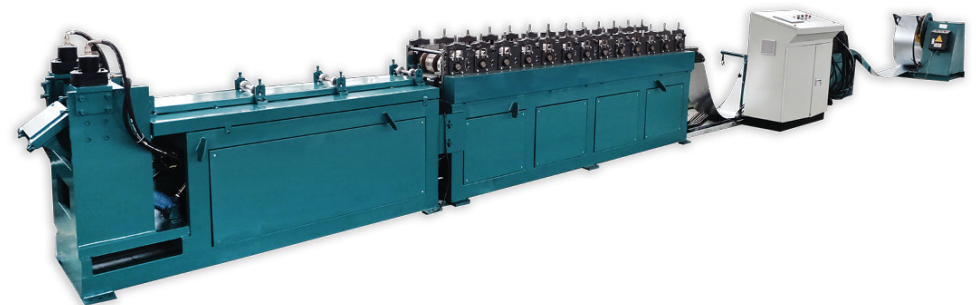
【专利号: ZL 2015 2 0426373.5】

自动完成加压送风口（排烟口）外壳开卷、校平、冲孔、冲孔、滚压成型、折方。此外壳属康美风自主研发，专利产品。

Smoke exhaust outlet also called positive pressure air supply outlet. The frame auto line consists with decoiler, straightening, punching, roll forming and folding. Patented design which Comifo has its copyright.

- | | |
|---------------|---|
| 基本配置: | Basic Configuration: |
| 1. 料架一台 | 1. A decoiler |
| 2. 校平、冲孔剪切机一台 | 2. A straightening, punching, cutting machine |
| 3. 辊压冷弯成型机一台 | 3. A roll forming machine |
| 4. 冲剪模具一套 | 4. A punching cutting mould |
| 5. 工作台一个 | 5. A working table |
| 6. 折方剪切机一台 | 6. A folding cutting machine |
| 7. 控制系统一套 | 7. A control system |

型号 Model No.	SEOF-2.0
料厚范围 Thickness Range	1.5-2.0mm
加工料宽 Coil Width	276mm
阀体厚度 Damper Body Width	238mm
加工速度 Speed	12m/min
最小阀体口径 Min. Fabricate Size	300x200mm
卷料最大承重 Decoiler Capacity	1.5ton
外形尺寸 Dimension	15000x1200x1300mm
总重量 Weight	12000kg



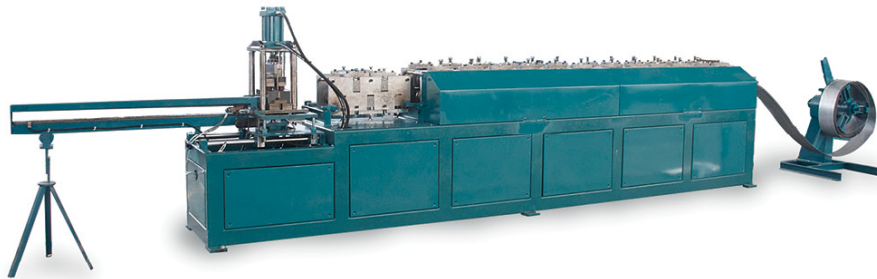
防火阀叶片全自动生产线

全自动支撑条(凹槽)生产线

防火阀叶片生产线能轻易形成防火阀叶片，康美风可生产单机，也可生产由料架，成型，液压剪切和螺丝孔形成的全自动生产线。成型机配备 15 对辊轮。采用不同料宽，该生产线能生产三种不同尺寸叶片。康美风也可根据客户要求设计叶片形状。

Damper blade auto line makes manufacture for damper blade easier! With 15 sets of roller stations, it can process material of 1.0-1.5mm thickness. Combine with a decoiler, cutting and punching unit, an auto line can be provided for three different sizes of blades with different coil width. We can also manufacture the machine based on the blade profile as customer require.

型号	料厚范围	加工料宽	成型叶片宽度	加工速度	卷料最大承重
Model No.	Thickness Range	Coil Width	Blade Width	Speed	Decoiler Capacity
FDGA-SK	1.5-1.8mm	154-203mm	147-196mm	8m/min	1.5TON



全自动完成凹槽的冲孔，成型，切断；批量生产，简化安装

The auto line manufactures the support bar for the dampers automatically with decoiler, roll forming, punching and cutting.

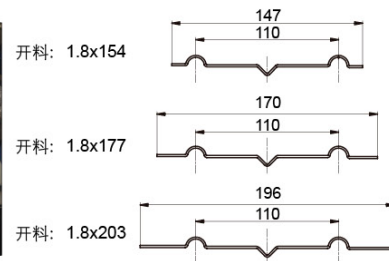
基本配置:

1. 料架一台
2. 滚压成型机一台
3. 冲孔剪切模具一套
4. 控制系统一套

Basic Configuration:

1. A decoiler
2. A roll forming machine
3. A punching and cutting mould
4. A control system

型号	料厚范围	加工速度	卷料最大承重	外形尺寸	总重量
Model No.	Thickness Range	Speed	Decoiler Capacity	Dimension	Weight
FDGA-2.0	1.5-2.0mm	8m/min	1.5TON	6500x800x1400	4000kg



防火阀多功能铆接平台

不锈钢弹簧片生产线

康美风不仅是机械加工厂家，其防火阀产品生产销售服务于各大型工程并销往全国各地。防火阀多功能铆接平台也是康美风根据自身十几年的防火阀的生产经验而研发出来的，是首家也是唯一一家生产多功能铆接平台的厂家。此平台含防火阀的角码铆接，合口铆接，悬挂式支撑架双铆接钳和悬挂式移动单铆接钳等，采用液压系统，每个工艺都是一次成型，每个铆接仅需2秒。与防火阀外框全自动生产线配套使用，让防火阀的生产加工效率翻几番，大大削减人力成本。

Besides a machinery manufacturer, Comifo is also a fire damper manufacturer for various construction projects and sell to other contractors as well. The fire damper fastening platform was designed according to Comifo's experience which is more than a decade. Comifo is the first one and also the unique one who makes this fastening platform. It consists of fire damper corner fastening, seam closing fastening, hanging double fastening and hanging single fastening. Just 2 seconds for each hydraulic fastening.

型号 Model No.	角码铆接厚度 Corner Fasten Thickness	合口铆接厚度 Seaming Fasten Thickness	双铆接铆接厚度 Double Head Fasten Thickness	单铆接铆接厚度 Single Head Fasten Thickness	外形尺寸 Dimension	总重量 Weight
FDFF-MJ	(1.2-1.5) mm+ (1.5-2.0) mm	(1.5-2.0) mm+ (1.5-2.0) mm	(1.5-2.0) mm+ (1.5-2.0) mm	(1.2-2.0) mm+ (1.5-2.0) mm	3800x3600x3300	5000kg

全自动完成不锈钢弹簧片的冲孔，成型，切断；批量生产，简化安装。

The Auto Line manufactures the Stainless Steel Spring Strip for the fire dampers automatically with vdecoiler, roll forming, punching and cutting.

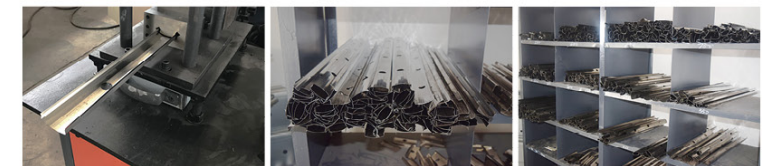
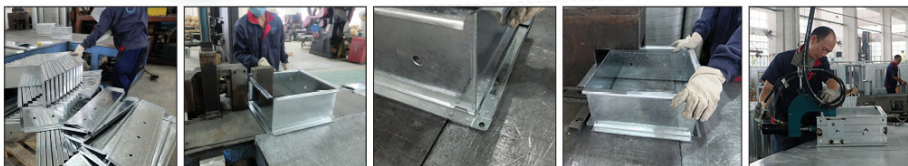
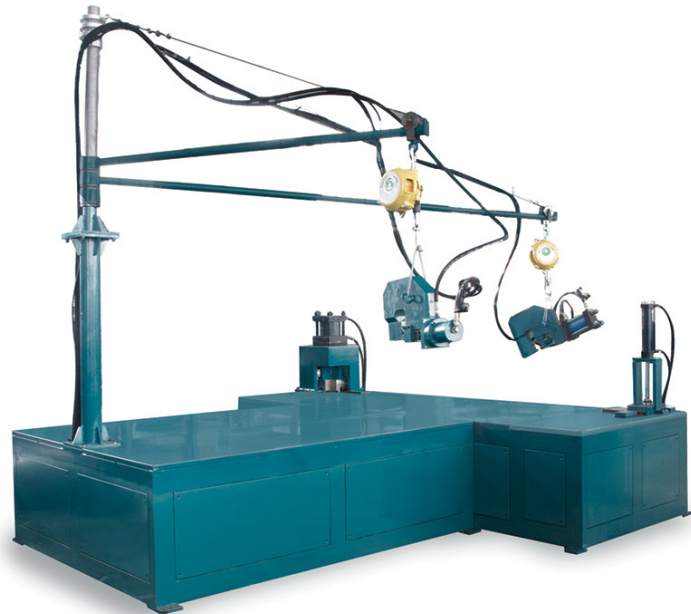
基本配置:

1. 料架一台
2. 滚压成型机一台
3. 冲孔剪切模具一套
4. 控制系统一套

Basic Configuration:

- 1.A decoiler
- 2.A roll forming machine
- 3.A punching and cutting mould
- 4.A control system

型号 Model No.	料厚范围 Thickness Range	加工速度 Speed	卷料最大承重 Decoiler Capacity	外形尺寸 Dimension	总重量 Weight
FDSA-0.2	0.15-0.2 mm 不锈钢 (S.S.)	8m/min	1.5ton	5800*600*1150mm	4000kg



全功能风管生产线

[专利号 Patent No.]

ZL 2007 2 0124168.9; ZL 2015 2 0436611.0; ZL 2015 2 0436732.5;
ZL 2015 2 0465987.4; ZL 2015 2 0480425.7; ZL 2015 2 0480646.4;

康美风—

- 首家直线型风管生产线制造厂家
- 首家集装箱式风管生产线制造厂家
- 首家将集装箱式风管生产线带到工地现场
- 长达二十几米的风管生产线?
- 还在工厂加工风管再运输至项目工地?
- 康美风以 25 年风管加工及工程经验告诉你

康美风风管生产线 - 最切合实际的风管加工生产线
将工地现场变成一个小型风管加工厂 -
节省生产成本, 节省运输成本!

Based with 25 experiences as a HVAC contractor, Comifo abandoned the old type duct auto line which occupied more than 25 meters long, then created the inline duct auto line. The construction site used duct manufacture auto line is Comifo's brave innovation and the world's first container type auto line! It saves the manual work and transportation cost, which can move to different construction sites just by moving the container (No extra installing and testing are needed). It has gained great popularity ever since its first face show in the market in 2012.

全功能风管生产线, 一台含风管需求的所有功能于一身, 由电动送料架, 调平压筋, 冲中间加强孔(选配)、冲方口, 冲尖角, 冲法兰孔(选配), 剪切, 专利型升降辘骨机(此专利设备同时实现剪切, 联合角咬口成型, 直角骨咬口成型), 双机联动 TDF 共板法兰成型, 角钢法兰小边成型, 全 C 骨法兰成型或 C/S 骨法兰成型(选配), 定位传送平台(选配), TDF 液压折边机组成。采用 PLC 控制, 触摸屏操作, 可根据操作要求设置任意尺寸进行下料, 配备标准电动送料架承重 7 吨, 可根据客户要求选配 4 吨(工地用)、8 吨或 10 吨送料架。

此风管生产线是我司销量最大的设备之一, 直线型加工, 占地面积小, 生产效率高, 是规模化风管加工的首要选择。只需一名操作人员, 日加工能力可达 2000 平米。只需输入尺寸, 生产线自动完成。

Duct Manufacture Auto Line Pro consists of Motorized Decoiler, Straightening, Beading, Cross-tie Hole Punching, Punching Square, Notching, Flange Hole Punching, Shearing, Patented Automation Pittsburgh Lock Forming (Shearing, Pittsburgh Lock, Right Angle Lock in one time), Duplex TDF Flange Forming, Duplex Right Angle Lock Forming (For Angle Iron), C/S Cleat Flange Forming, Coil Conveyor and TDF Folding. PLC controlled, touch screen operation. It can process different ducting of "L", and "□" shape. 7-ton capacity of motorized decoiler, 4-ton, 8-ton or 10-ton is optional.

The world's new designed duct manufacture auto line is now available since Comifo designed the Auto Line, which can be put in a 20GP container. It is small enough to fit small workshop or be taken to the construction site. Only 1 operator is required, daily production can reach 2000 m².



A 款 - 短款

基本配置:

1. 电动料架四个
2. 主机一台
3. 升降辘骨机(专利产品)一台
4. 双机联动共板法兰、角钢法兰小边、C 骨法兰成型机一台
5. 定位传送平台(选配)
6. 液压折方机一台

Configuration:

1. Motorized Decoiler 4 nos
2. Main Machine 1 nos
3. A uto Motion Pittsburgh Lock Former 1 nos
4. Duplex TDF Flange Forming, Angle Iron Fitting Edge Forming, C Cleat Forming Machine 1 nos
5. Coil Conveyor (optional) 1 nos
6. Hydraulic Folding 1 nos

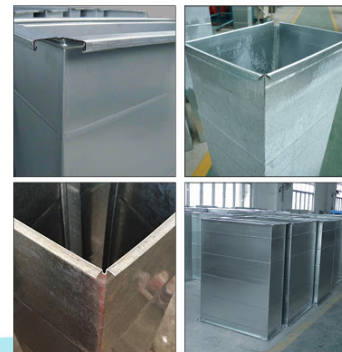
工作原理: 卷料 - 调平 - 压筋 - 冲中间加强孔(可选) - 冲方口 - 冲尖角 - 冲法兰孔(可选) - 剪切 - 升降辘骨机 - 双联 TDF 法兰成型 / 角钢法兰小边 / C 骨法兰成型(可调) - 传送平台(可选) - 折边

Stations: coil-straightening-beading - punching cross-tie hole(optional) - punching square-notching-punching flange hole(optional) - shearing - automation pittsburgh lock forming - duplex TDF flange forming/ angle iron fitting edge forming/ C cleat forming (alternative) - coil conveyer (optional) - hydraulic folding conveyer (optional) - duplex TDF flange forming - hydraulic folding

传送平台长度为 4000mm, 有平台时其单片风管长度不大于 4000mm, 无平台时长度不受限

With coil conveyer: the length of coil conveyer is 4000mm, which limits single sheet metal plate of the duct may not longer than 4000mm.

Without coil conveyer: no limitation for the duct size.



C 款 - 长款

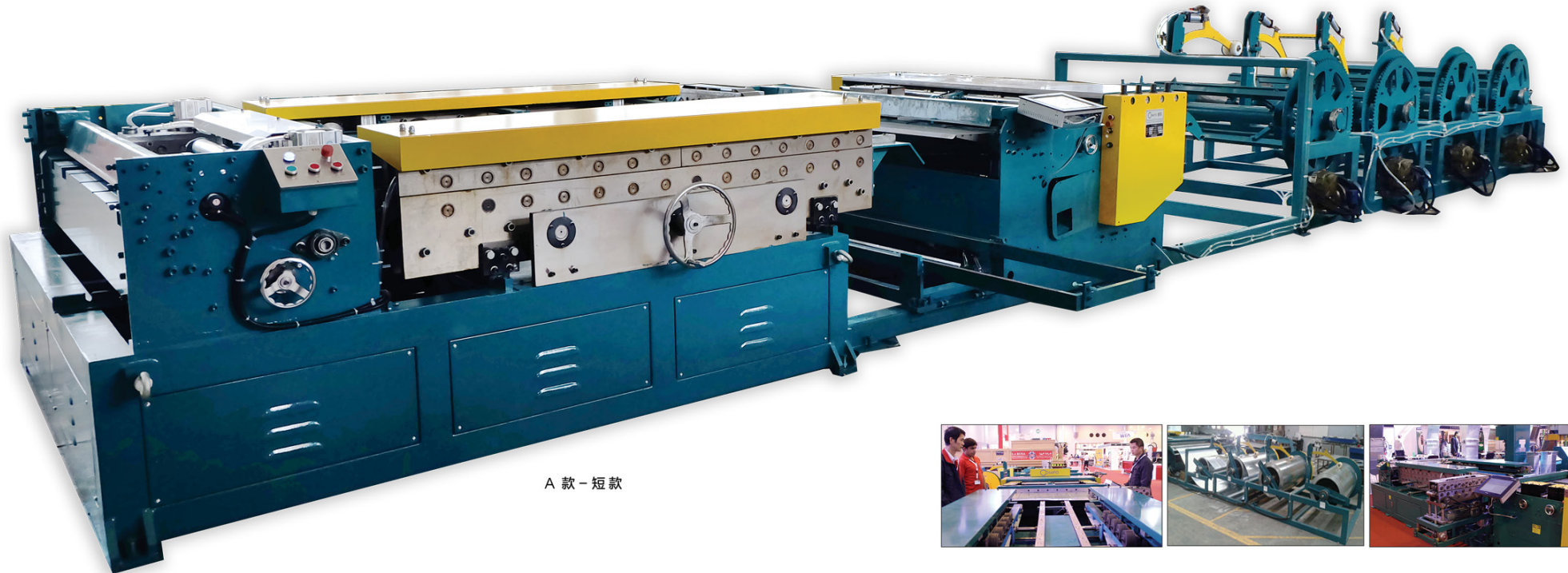
全功能风管生产线

【专利号 Patent No.】

ZL 2007 2 0124168.9; ZL 2015 2 0436611.0; ZL 2015 2 0436732.5;
ZL 2015 2 0465987.4; ZL 2015 2 0480425.7; ZL 2015 2 0480646.4;

	型号 Model No	最大加工料宽 Max Coil Width	料厚范围 Thickness Range	最大线速度 Speed	剪切误差 Cutting Accuracy	对角线误差 Diagonal Accuracy	占地尺寸
							(长*宽*高) (mm) (标配 2 个双联料架) Floor Space (L*W*H)(With 4 Decoilers)
A款-短款	CALA-1.2x1300	1250	0.5-1.2mm (18-27ga)	18m/min (0-59FPM)	± 0.5mm	± 0.5mm	11000*3350*1100
	CALA-1.2x1600	1550					11000*3650*1100
C款-长款	CALC-1.2x1300	1250	0.5-1.2mm (18-27ga)	18m/min (0-59FPM)	± 0.5mm	± 0.5mm	15600*3350*1100
	CALC-1.2x1600	1550					15600*3650*1100
E款-经济款	CALE-1.2x1300	1250	0.5-1.2mm (18-27ga)	18m/min (0-59FPM)	± 0.5mm	± 0.5mm	15600*3350*1100
	CALE-1.2x1600	1550					15600*3650*1100

	电动送料架 Decoiler	调平压筋 Straightening & Beading	冲中间加强孔 Cross-tie Hole Punching	冲方口、剪角 Punching Square & Notching	冲法兰孔 Flange Hole Punching	剪切 Cutting	升降锁骨机 Pittsburgh Lock Forming	TDF 共板法兰成型 TDF Flange Forming	角钢法兰小边成型 Angle Iron Flange Forming	C/S 骨法兰成型 C/S Flange Forming	传送平台 Coil Conveyor	折弯 Folding
A款-短款	✓	✓	选配 optional	✓	选配 optional	✓	✓	✓	✓	✓	X	✓
C款-长款	✓	✓	选配 optional	✓	选配 optional	✓	✓	✓	✓	✓	✓	✓
E款-经济款	✓	✓	X	✓	X	✓	✓	✓	X	X	✓	✓



A 款 - 短款



风管生产一线

风管生产二线

风管生产一线由电动料架，调平压筋，液压剪切组成。采用全电脑 PLC 控制，触摸屏操作，可根据操作要求设置任意尺寸进行下料，该生产线最大加工速度为 18 米 / 分，精度为：长度误差 $\pm 0.5\text{mm}$ ，对角线误差为 $\pm 0.5\text{mm}$ ，标准开料架承重 5 吨，可根据客户要求配套。全自动下料生产，节省时间，人工和板材用量。

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	速度 Speed	剪切误差 Shearing Tolerance	对角线误差 Diagonal Tolerance	占地尺寸 (LxWxHmm) Floor Space
CAL1-1.2x1300	1250mm	0.5-1.2mm	0-18m/min	$\pm 0.5\text{mm}$	$\pm 0.5\text{mm}$	3200x1800x1400
CAL1-1.2x1600	1550mm	(18-27ga)	(0-59FPM)			3200x2100x1400

Compact Line I consists of cradle style decoiler, straightening, beading and hydraulic shearing. It processes maximum coil width 1250mm or 1550mm galvanized steel for 18 to 27 gauge material into blank for plasma cutting machine.

Features:

- Motor driven decoiling, selectable coils stand by, maximum capacity of 5-ton per station (optional: up to 10-ton per station)
- Accurate PLC control unit, preset cutting size, touchscreen operation, shearing and diagonal tolerance: $\pm 0.5\text{mm}$
- 0-59FPM (0-18m/min) feeding speed, fast acting back gauge, 7 seconds per cutting for a 1m length sheet metal

康美风管生产线独有的特点:

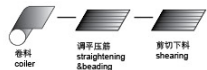
1. 配置配方功能: 可一次性设置多种不同尺寸不同数量的下料尺寸;
2. 自动回料功能: 生产不同配置的板料时, 每一规格的板料生产完毕, 材料自动回零, 无需退料重新生产, 连续工作, 节省时间并无废料产生。

Other Specific Features of Comifo Coil Line:

1. Formula Programmed, which insure setting and producing different materials with different sizes, different quantities in one time.
2. Coil Draw Back, draw back coil is not needed; Comifo coil line can draw back the coil automatically for further production, which saves time and ensures no waste material.



工作原理: 卷料 - 调平 - 压筋 - 剪切
Stations: coil-straightening-beading-shearing



风管生产二线包含电动料架，调平压筋，冲方口，冲尖角，液压剪切组成。采用全电脑 PLC 控制，触摸屏操作，可根据操作要求设置任意尺寸进行下料，该生产线最大加工速度为 18 米 / 分，精度为：长度误差 $\pm 0.5\text{mm}$ ，对角线误差为 $\pm 0.5\text{mm}$ ，标准开料架承重 5 吨，可根据客户要求配套。全自动下料生产，节省时间，人工和板材用量。

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	速度 Speed	剪切误差 Shearing Tolerance	对角线误差 Diagonal Tolerance	占地尺寸 (LxWxHmm) Floor Space
CAL2-1.2x1300	1250mm	0.5-1.2mm	0-18m/min	$\pm 0.5\text{mm}$	$\pm 0.5\text{mm}$	3400x1800x1400
CAL2-1.2x1600	1550mm	(18-27ga)	(0-59FPM)			3400x2100x1400

Compact Line II consists of cradle style decoiler, straightening, beading, punching, notching and hydraulic shearing. It processes maximum coil width 1250mm or 1550mm galvanized steel for 18 to 27 gauge material into blank for TDF integrated flange duct.

Features:

- Motor driven decoiling, selectable coils stand by, maximum capacity of 5-ton per station (optional: up to 10-ton per station)
- 0-59FPM (0-18m/min) feeding speed, fast acting back gauge

康美风管生产线独有的特点:

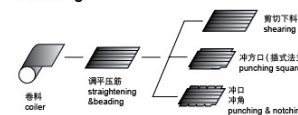
1. 配置配方功能: 可一次性设置多种不同尺寸不同数量的下料尺寸;
2. 自动回料功能: 生产不同配置的板料时, 每一规格的板料生产完毕, 材料自动回零, 无需退料重新生产, 连续工作, 节省时间并无废料产生。

Other Specific Features of Comifo Coil Line:

1. Formula Programmed, which insure setting and producing different materials with different sizes, different quantities in one time.
2. Coil Draw Back, draw back coil is not needed; Comifo coil line can draw back the coil automatically for further production, which saves time and ensures no waste material.

工作原理: 卷料 - 调平 - 压筋 - 冲方口 - 冲尖角 - 剪切

Stations: coil-straightening-beading- punching square -notching-shearing



风管生产超级二线

风管生产三线

风管生产超级二线包含电动料架、调平压筋、冲方口、冲尖角、剪切、升降雌雄口辊骨机(升降辊骨机2型)，可实现剪切、联合角咬口、直角骨咬口三位一体，提高生产效率。能与法兰成型机、折边机等配套使用。采用全电脑 PLC 控制，触摸屏操作，可根据操作要求设置任意尺寸进行下料，该生产线最大加工速度为 18 米 / 分，精度为：长度误差 ± 0.5mm，对角线误差为 ± 0.5mm，标准开料架承重 5 吨，可根据客户要求配套。大大提高风管加工速度。

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	速度 Speed	剪切误差 Shearing	对角线误差 Tolerance Floor Space	占地尺寸 (LxWxHmm) Diagonal Tolerance
CSL2-1.2x1300	1250mm	0.5-1.2mm	0-18m/min	± 0.5mm	± 0.5mm	4000X2300X1400
CSL2-1.2x1600	1550mm	(18-27ga)	(0-59FPM)			4000X2600X1400

Super Line II consists of cradle style decoiler, straightening, beading, punching, notching, hydraulic shearing and pittsburgh lock forming type 2 (forms pittsburgh lock, right angle lock and cutting simultaneously). It processes maximum coil width 1250mm or 1550mm galvanized steel for 18 to 27 gauge material into blank for TDF integrated flange duct, TTF/LT mate flange duct or angle iron flange duct.

Features:

- Modular design allows adding a section at a time, can be upgraded to Auto Line V, Auto Line VI, Auto Line VII or Auto Line VIII.
- Motor driven decoiling,selectable coils stand by, maximum capacity of 5-ton per station (optional: up to 10-ton per station)
- Pittsburgh lock forming type 2 (forms pittsburgh lock, right angle lock and cutting simultaneously)
- Optimizes floor space by inline position of machines, guarantees high efficiency
- Accurate PLC control unit, preset available profiles and folding style, notching size, punching size, cutting dimension on touchscreen

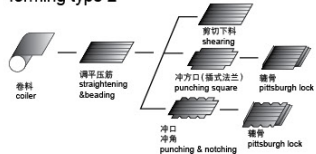
康美风管生产线独有的特点:

1. 配置配方功能: 可一次性设置多种不同尺寸不同数量的下料尺寸;
2. 自动回料功能: 生产不同配置的板料时, 每一规格的板料生产完毕, 材料自动回零, 无需退料重新生产, 连续工作, 节省时间并无废料产生。

Other Specific Features of Comifo Coil Line:

1. Formula Programmed, which insure setting and producing different materials with different sizes, different quantities in one time.
2. Coil Draw Back, draw back coil is not needed; Comifo coil line can draw back the coil automatically for further production, which saves time and ensures no waste material.

工作原理: 卷料 - 调平 - 压筋 - 冲方口 - 冲尖角 - 剪切 - 辊骨机
Stations: coil-straightening-beading-punching square-notching-shearing - pittsburgh lock forming type 2



风管生产三线由电动料架、调平压筋、冲方口、冲尖角、折边、液压剪切组成。采用全电脑 PLC 控制，触摸屏操作，可根据操作要求设置任意尺寸进行下料，该生产线最大加工速度为 18 米 / 分，精度为：长度误差 ± 0.5mm，对角线误差为 ± 0.5mm，标准开料架承重 5 吨，可根据客户要求配套。

该生产线全自动下料生产，适合工地现场或小型风管生产企业使用，仅需一人操作。风管生产三线为我市销量最大的设备之一。可实现多功能开料要求，可满足风管板料下料，同时可以为 TDF 共板法兰，TTF/LT 插式法兰或角钢法兰下料工作。

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	速度 Speed	剪切误差 Shearing Tolerance	对角线误差 Diagonal Tolerance	占地尺寸 (LxWxHmm) Floor Space
CAL3-1.2x1300	1250mm	0.5-1.2mm	0-18m/min	± 0.5mm	± 0.5mm	3400x1800x1400
CAL3-1.2x1600	1550mm	(18-27ga)	(0-59FPM)			3400x2100x1400

Compact Line III consists of cradle style decoiler, straightening, beading, punching, notching, hydraulic folding and hydraulic shearing. It processes maximum coil width 1250mm or 1550mm galvanized steel for 18 to 27 gauge material into blank for TDF integrated flange duct, TTF/LT mate flange duct or angle iron flange duct.

Features:

- Motor driven decoiling, selectable coils stand by, maximum capacity of 5-ton per station (optional: up to 10-ton per station)
- Bends right angle lock
- PLC control, preset available profiles and folding style, notching size, punching size, cutting dimension on touchscreen
- This auto line will process 1300mm or 1600mm galvanized steel into blank for plasma cutting machine or notch blank for "L" section or full ductwork

康美风管生产线的独特特点:

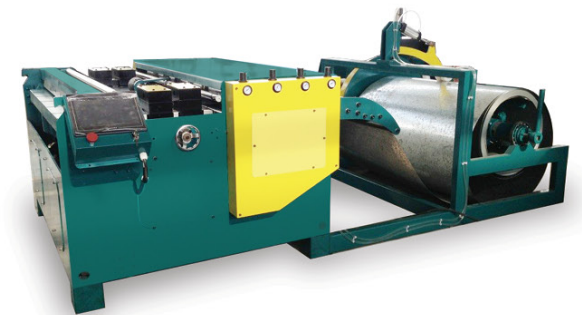
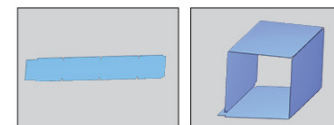
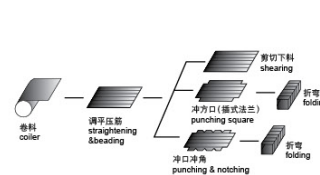
1. 配置配方功能: 可一次性设置多种不同尺寸不同数量的下料尺寸;
2. 自动回料功能: 生产不同配置的板料时, 每一规格的板料生产完毕, 材料自动回零, 无需退料重新生产, 连续工作, 节省时间并无废料产生。

Other Specific Features of Comifo Coil Line:

1. Formula Programmed, which insure setting and producing different materials with different sizes, different quantities in one time.
2. Coil Draw Back, draw back coil is not needed; Comifo coil line can draw back the coil automatically for further production, which saves time and ensures no waste material.

工作原理: 卷料 - 调平 - 压筋 - 冲方口 - 冲尖角 - 折边 - 剪切

Stations: coil-straightening-beading-punching square -notching-folding-shearing



风管生产超级三线

风管生产四线

风管生产超级三线包含电动料架, 调平压筋, 冲方口, 冲尖角, 折边, 剪切, 升降雌口辘骨机 (升降辘骨机 1 型) 机。可实现剪切, 联合角成型, 提高生产效率。能与法兰成型机, 折边机等配套使用。采用全电脑 PLC 控制, 触摸屏操作, 可根据操作要求设置任意尺寸进行下料, 该生产线最大加工速度为 18 米 / 分, 精度为: 长度误差 $\pm 0.5\text{mm}$, 对角线误差为 $\pm 0.5\text{mm}$, 标准开料架承重 5 吨, 可根据客户要求配套。

风管生产四线包含电动料架, 调平压, 冲 TDF 方口 / 尖角, 冲 GDF 方口 / 尖角, 剪切, 专利型升降辘骨机 2 型。可实现剪切, 联合角成型, 直角骨成型三位一体, 提高生产效率。风管生产四线不仅能与法兰成型机, 折边机等配套使用, 也可升级为全自动风管生产七线, 风管生产四线专为 GDF 法兰机下料生产, 冲口冲角可为 GDF20 和 GDF30 同时开料。采用全电脑 PLC 控制, 触摸屏操作, 可根据操作要求设置任意尺寸进行下料, 该生产线最大加工速度为 18 米 / 分, 精度为: 长度误差 $\pm 0.5\text{mm}$, 对角线误差为 $\pm 0.5\text{mm}$, 标准开料架承重 5 吨, 可根据客户要求配套。

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	速度 Speed	剪切误差 Shearing Tolerance	对角线误差 Diagonal Tolerance	占地尺寸 (LxWxHmm) Floor Space
CSL3-1.2x1300	1250mm	0.5-1.2mm	0-18m/min	$\pm 0.5\text{mm}$	$\pm 0.5\text{mm}$	4000x2300x1400
CSL3-1.2x1600	1550mm	(18-27ga)	(0-59FPM)			4000x2600x1400

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	速度 Speed	剪切误差 Shearing Tolerance	对角线误差 Diagonal Tolerance	占地尺寸 (LxWxHmm) Floor Space
CAL4-1.2x1300	1250mm	0.5-1.2mm	0-18m/min	$\pm 0.5\text{mm}$	$\pm 0.5\text{mm}$	3900x2700x1400
CAL4-1.2x1600	1550mm	(18-27ga)	(0-59FPM)			3900x3000x1400

Super Line III consists of cradle style decoiler, straightening, beading, punching, notching, folding, hydraulic shearing and pittsburgh lock forming type 1 (forms pittsburgh lock). It processes maximum coil width 1250mm or 1550mm galvanized steel for 18 to 27 gauge material into blank for TDF integrated flange duct, TTF/LT mate flange duct or angle iron flange duct.

Compact Line IV consists of cradle style decoiler, straightening, beading, punching, notching, hydraulic folding, hydraulic shearing and automation pittsburgh lock forming. It processes maximum coil width 1250mm or 1550mm galvanized steel for 18 to 27 gauge material into blank for GDF integrated flange duct, TTF/LT mate flange duct or angle iron flange duct.

Features:

- Motor driven decoiling,selectable coils stand by, maximum capacity of 5-ton per station (optional: up to 10-ton per station)
- Bends right angle lock
- Pittsburgh lock former, forms pittsburgh lock
- Optimizes floor space by inline position of machines, guarantees high efficiency
- Accurate PLC control unit, preset available profiles and folding style, notching size, punching size, cutting dimension on touchscreen

Features:

- Modular design allows adding a section at a time, can be upgraded to Auto Line VII
- Motor driven decoiling, selectable coils stand by, maximum capacity of 5-ton per station (optional: up to 10-ton per station)
- Patented Automotion pittsburgh lock former, forms pittsburgh lock and right angle, roll forming and shearing simultaneously, shorten working time, a perfect match to duct auto line
- Cutting blank for GDF20 and GDF30 ducting
- Optimizes floor space by inline position of machines, guarantees high efficiency
- Accurate PLC control unit, preset available profiles and folding style, notching size, punching size, cutting dimension on touchscreen

康美风管生产线的独特特点:

1. 配置配方功能: 可一次性设置多种不同尺寸不同数量的下料尺寸;
2. 自动回料功能: 生产不同配置的板料时, 每一规格的板料生产完毕, 材料自动回零, 无需退料重新生产, 连续工作, 节省时间并无废料产生。

康美风管生产线的独特特点:

1. 配置配方功能: 可一次性设置多种不同尺寸不同数量的下料尺寸;
2. 自动回料功能: 生产不同配置的板料时, 每一规格的板料生产完毕, 材料自动回零, 无需退料重新生产, 连续工作, 节省时间并无废料产生。

Other Specific Features of Comifo Coil Line:

1. Formula Programmed, which insure setting and producing different materials with different sizes, different quantities in one time.
2. Coil Draw Back, draw back coil is not needed; Comifo coil line can draw back the coil automatically for further production, which saves time and ensures no waste material.

Other Specific Features of Comifo Coil Line:

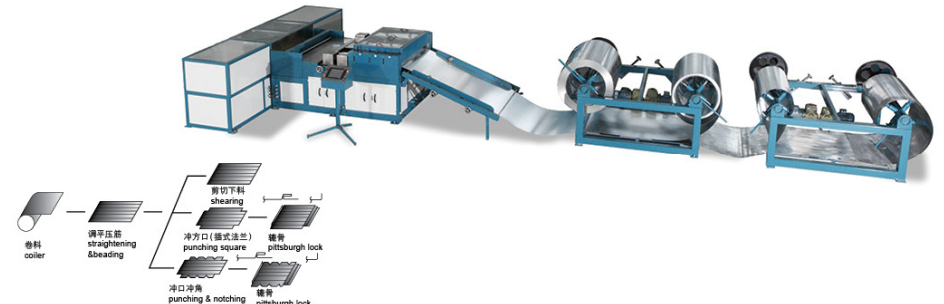
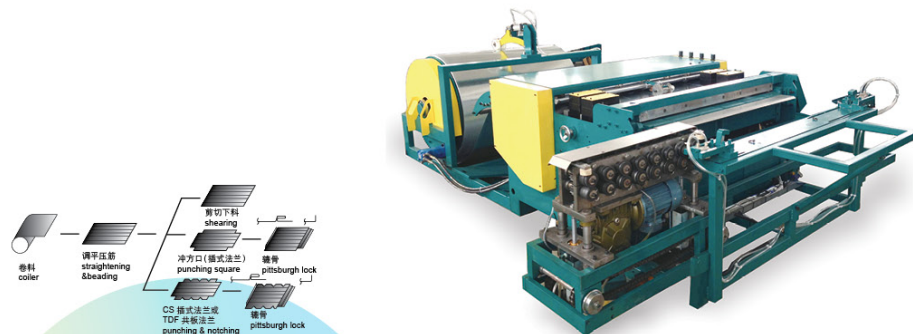
1. Formula Programmed, which insure setting and producing different materials with different sizes, different quantities in one time.
2. Coil Draw Back, draw back coil is not needed; Comifo coil line can draw back the coil automatically for further production, which saves time and ensures no waste material.

工作原理: 卷料 - 调平 - 压筋 - 冲方口 - 冲尖角 - 折边 - 剪切 - 辘骨机

Stations: coil-straightening-beading-punching square-notching-folding-shearing - pittsburgh lock forming

工作原理: 卷料 - 调平 - 压筋 - 冲 TDF 方口 / 尖角 - 冲 GDF 方口 / 尖角 - 剪切 - 升降辘骨机 2 型

Stations: coil-straightening-beading-punching square-notching-shearing-automotion pittsburgh lock forming



全自动风管生产七线

[专利号: ZL 2007 2 0124168.9]

全自动风管生产七线包含电动料架, 调平压筋, 冲方口, 冲尖角, 剪切, 专利型升降辊骨机 2 型 (可实现剪切, 联合角成型, 直角骨成型三位一体), 送料平台, 双联 GDF 法兰成型机, 液压折边合口机。可生产出“L” “口” 型带咬口、GDF 共板法兰、折边、合口的风管。全自动风管生产线占地面积小, 直线型加工, 生产效率高, 是规模化风管加工的首要选择。

康美风风管生产线的独特特点:

1. 配置配方功能: 可一次性设置多种不同尺寸不同数量的下料尺寸;
2. 自动回料功能: 生产不同配置的板料时, 每一规格的板料生产完毕, 材料自动回零, 无需退料重新生产, 连续工作, 节省时间并无废料产生。

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	速度 Speed	剪切误差 Shearing Tolerance	对角线误差 Diagonal Tolerance	占地尺寸 (LxWxHmm) Floor Space
CAL7-1.2x1300	1250mm	0.5-1.2mm	0-18m/min	± 0.5mm	± 0.5mm	20200x4200x1400
CAL7-1.2x1600	1550mm	(18-27ga)	(0-59FPM)			20200x4500x1400

Features:

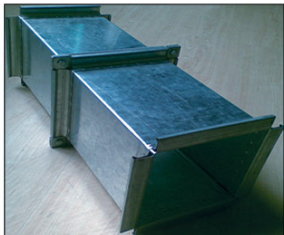
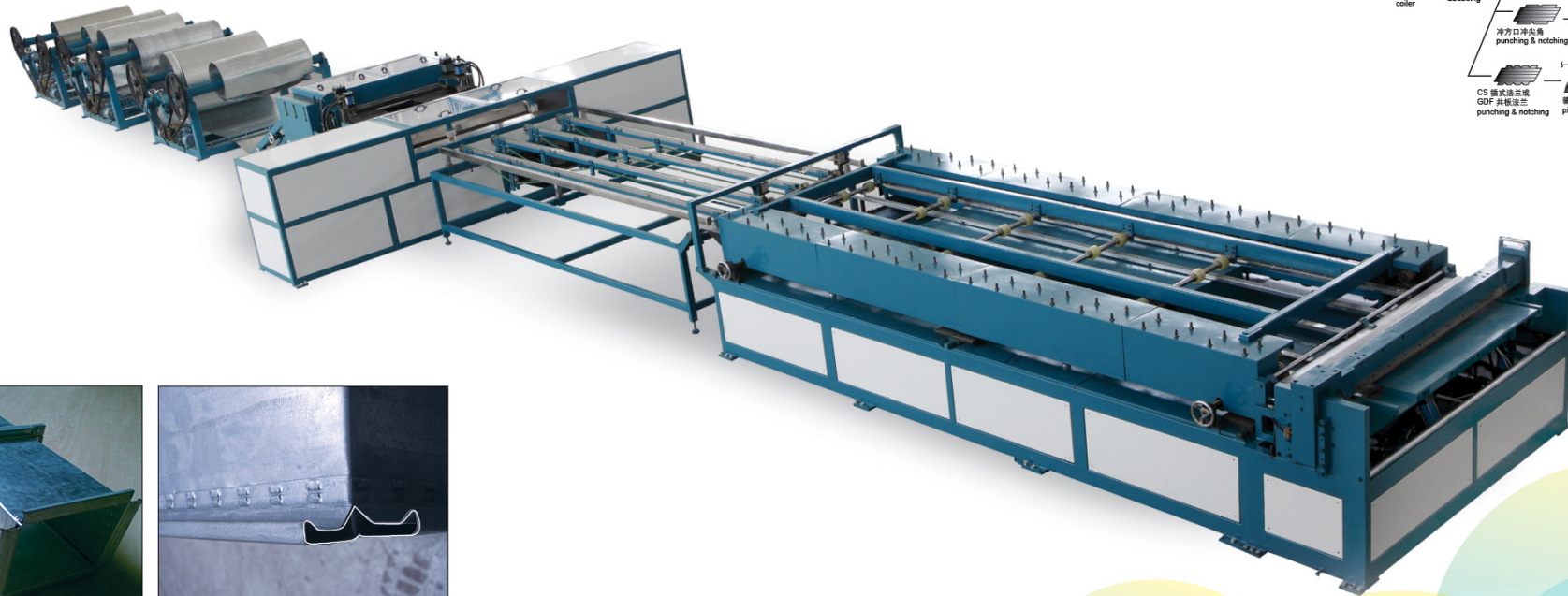
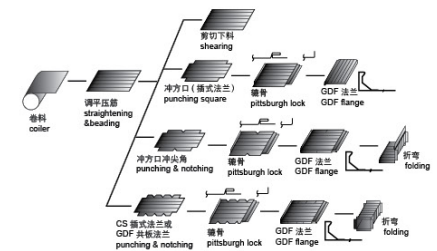
- Modular design allows adding a section at a time
- Motor driven decoiling, selectable coils stand by, maximum capacity of 5-ton per station (optional: up to 10-ton per station)
- Patented Automotion pittsburgh lock former, forms pittsburgh lock and right angle, roll forming and shearing simultaneously, shorten working time, a perfect match to duct auto line
- Duplex GDF flange former, forms GDF flange by double sides
- Comifo patented hydraulic fold- seamer seams a fullwrap duct after folding
- Optimizes floor space by inline position of machines, guarantees high efficiency
- Accurate PLC control unit, preset available profiles and folding style, notching size, punching size, cutting dimension on touchscreen

Other Specific Features of Comifo Coil Line:

1. Formula Programmed, which insure setting and producing different materials with different sizes, different quantities in one time.
2. Coil Draw Back, draw back coil is not needed; Comifo coil line can draw back the coil automatically for further production, which saves time and ensures no waste material.

工作原理: 卷料 - 调平 - 压筋 - 冲方口 - 冲尖角 - 剪切 - 升降辊骨机 2 型 - 送料平台 (可选) - 双联 GDF 法兰成型 - 折边合口

Stations: coil-straightening-beading-punching square-notching-shearing-automation pittsburgh lock forming 2-coil conveyer (optional)-duplex GDF flange forming -hydraulic folding and seaming



多功能风管辘骨机又称咬口机，是最通用的传统风管制作机械，客户可根据要求变更所需的轧辊，达到一机多能，多种配合，适应性极广。此系列机器重量轻，移动方便，最适合现场施工，速度可达 9m/min。

多功能辘骨机结构坚固耐用，成型快速精确，无需特别维护而具有超长使用寿命，机器采用重型底盘，电弧焊钢架，优质电机，高精度轴承，经淬火及磨圆加工的辊轮轴，COPRA 软件设计制造的辊轮，免维护传动系统，机架表面经喷漆处理。

Multifunction pittsburgh lock former is the most popular machine in traditional duct manufacture. Customer can choose the rollers as their own requirements for different locks. Used with other machines, multifunction pittsburgh lock former shows its great adaptiveness. It is of light weight, and easy for delivery, which makes it to be taken right to the construction site. With speed of 9m/min (29FPM).

Multifunction pittsburgh lock former has rigid and durable structure, which is no need of special maintenance. It adopts heavy duty underpan, arc welding frame, high grade motor, high precision bearing, COPRA designed rollers, thermal refined and grinded roller shafts. Its reliable transmission system is free of maintenance. The surface panels have been spray painted.

COMIFO Pittsburgh Lock Former is a versatile machine which allows you to perform the most common applications with only one machine.

RF-12DR 辘骨机通过 8 对辊轮，同一台机可以形成 6 种骨。成型联合角咬口，勾骨，C 型插条（尺寸：25mm），直角骨，之字骨和弯头。

This 8-station lock former offers 6 forming positions, including pittsburgh and auxiliary double seam(ACME), right angle lock, standing seam, drive cleat (size of 25mm) with slitter, as well as top mounted power flanger.

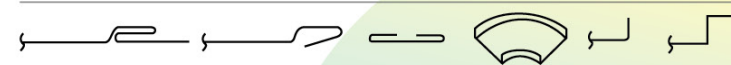
板料拼接 Sheet Connecting



风管合口 Duct Seaming



成型形状 Profile



RF-12M 辘骨机

RF-08S/12S 按扣式辘骨机

RF-12M 辘骨机主要成型联合角咬口，勾骨，C 型插条（尺寸：28mm）和 S 骨。
RF-12M is featured of flat "S" cleat rollers. It has pittsburgh, double seam (ACME), as well as drive cleat (size of 28mm).

按扣式辘骨机是目前世界上最受欢迎的机型，主要用于矩形通风管道四角部位的插接咬口。一台机可以加工风管的两角咬口，雄咬口是一个按扣，而雌咬口是一个搭锁。
Button Lock is the most popular lock former of HVAC workshop. The Button Lock roll former comes with "male" tooling on one side and "female" on the opposite side. A fast, effective way to rollform Male & Female Button Lock in one machine.

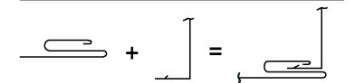
型号 Model No	料厚范围 Thickness Range
RF-08S	0.4-0.8mm (22-30ga)
RF-12S	0.8-1.2mm (18-22ga)



成型形状 Profile



成型形状 Profile



RF-08B 圆管辘骨机

RF-08D 立式 S 骨成型机

这是一种专门为圆形风管设计的辘骨机，这是一台适用于套管式圆形风管生产的专用机型，适用于不同直径的圆形风管的连接，适于平片运输，现场组合的圆管加工，合缝紧固，密封性好。加工料厚 0.35-0.8mm。

Snap Lock is a special lock former designed for round/oval pipe. 9-station machine which Fabricates both male and female forms for reeves-type snap lock with thickness range of 22-31ga. Each lock is formed on flat sheets with no restriction on the diameter of the finished pipe. This type of lock is more air-tight with better seam.

立式 S 骨连接方式坚固性能好，由 14 对轧辊成型，结构紧凑，故障率低。加工料厚 0.8mm。

It forms a shape that combines a conventional "S" cleat with a standing seam for greater strength and rigidity with thickness of 22ga. This seam is adaptable in fabrication of large trunk or branch lines in industrial and commercial heating and ventilating units. The designed integrity and quality construction of its 14-station configuration will provide years of trouble-free operation.



成型形状 Profile



成型形状 Profile



辘骨机系列

型号 Model No.	成型形状 Shape	名称 Description	料厚范围 Thickness Range Used (mm)	用料宽度 Material (mm)	尺寸 Size
RF-12DR		联合角咬口 Pittsburgh Lock	0.5-1.2mm(18-27ga)	45	13.2
		勾骨 Double Seam (ACME)	0.5-1.2mm(18-27ga)	20	13.2
		C型插条 C Cleat (Drive Cleat)	0.5-0.8mm(22-27ga)	48	25
		弯头 Power Flanger	0.5-1.2mm(18-27ga)	7	7
		直角骨 Right Angle	0.5-1.2mm(18-27ga)	7	7
		之字骨 Standing Seam	0.5-1.2mm(18-27ga)	22	14
RF-12M		联合角咬口 Pittsburgh Lock	0.5-1.2mm(18-25ga)	50	14.5
		勾骨 Double Seam (ACME)	0.5-1.2mm(18-25ga)	23	14.5
		C型插条 C Cleat (Drive Cleat)	0.5-0.8mm(22-27ga)	54	28
		S骨 Flat "S"	0.8mm(23ga)	92	28
RF-08S		按扣骨 Female Button Lock	0.4-0.8mm(22-30ga)	33	11
		直角扣 Male Button Lock		5.5	5.5
RF-12S		按扣骨 Female Button Lock	0.8-1.2mm(18-30ga)	41	13.5
		直角扣 Male Button Lock		7	7
RF-08B		圆管扣 Female Snap Lock	0.35-0.8mm(22-31ga)	32	15.1
		圆管骨 Male Snap Lock		17.5	9
RF-08D		立式S骨 Standing S	0.8mm(22ga)	131	28.58

FLANGE FORMING MACHINE

法兰成型机系列

在国际通风管道连接领域，有美标和欧标两种法兰连接形式，分别是美国SMACNA协会推荐的TDF共板法兰和英国HVAC协会推荐的TTF/LT插式法兰，及其改进型GDF共板法兰。康美风对各种法兰连接都有深入的了解，并熟悉各种风管强度和漏风量测试国际标准，包括SMACNA标准，DW144/142，和GB50243-97标准。康美风开发的法兰成型机，可满足不同国家对不同法兰连接形式的要求。

康美风法兰成型机采用重型底盘，电弧焊钢架，优质电机，高精度轴承，经淬火及磨圆加工的辊轮轴，辊轮经专业软件COPRA辅助设计，机架表面经喷漆处理。

There are mainly two kinds of flange systems of duct connection. American standard and European standard, which is TDF flange recommended by SMACNA association and TTF/LT mate flange as well as improved GDF flange recommended by British Refrigeration Association. Comifo knows flange structure very well, and quite familiar with the standards of duct pressure test and leakage test, including SMACNA, DW144/142, GB50243-97 standards. Comifo flange forming machine can satisfy different requirements in different markets.

Comifo flange machine adopts heavy duty underpan, arc welding frame, high grade motor, high precision bearing, thermal refined and grinded roll shafts. Its reliable transmission system is free of maintenance. The surface panels have been spray painted.

TDF 共板法兰成型机

卡码刻痕机

TDF 法兰适合于截面面积不大的通风管道，密封性好，成本低。配备 16 对成型辊轮，2 个成型工位。法兰高度 34mm。标准工位用于制作 TDF 共板法兰，辅助工位用于制作法兰卡码（法兰夹）。即一边成型法兰，一边成型卡码，达到一机双能。外形精致美观，可带到施工现场使用，尤其适合亚洲、澳洲和美洲市场。与康美风卡码刻痕机和卡码扳手配合使用，无需剪切成型后的卡码，减少卡码变形，使用康美风卡码扳手可加快卡码安装速度。

TDF flange is well seal and low cost, suitable for small size duct connection. Different models with different flange height of 34mm. One side forms TDF flange and the other forms Clip, 16 forming stations produce an integral flange while another 9 forming stations produce clip. With compact design, this machine can be taken to construction site easily. It is especially suitable for East Asia, Australia and American market. Used with Comifo Clip Cutter and Clip Spanner, no cutting is needed for roll formed clip, which eliminates twists of clips. Clip spanner expedites clip installation, which would be an economic tool for duct construction.

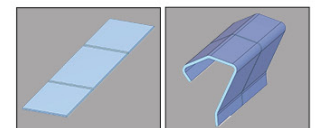
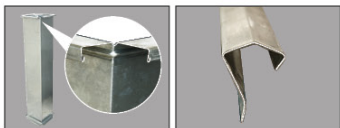
型号 Model No.	料厚范围 Thickness Range	速度 Speed	成型形状 Shape	"A" 尺寸 "A" Size
T-12-34	0.5-1.2(18-27ga)	8m/min(26FPM)	法兰 Flange 卡码 Clip 	34 ± 0.5

(NO MORE INCONVENIENCE OF CUTTING CLIP)

卡码刻痕机是我厂专为 TDF 共板法兰成型机设计的辅助设备，它能极大地提升卡码生产速度，在卡码成型之前将板料刻出易折痕，避免卡码成型后切割造成毛刺或变形。

Clip cutter is a special designed machine to use together with TDF integrated flanger. It speeds up clip productions. Metal strip is notched scratch before roll forming; clips are easy to be broken off to short pieces with a same clip length after forming clip, which avoids burrs or eliminates twists caused by cutting after roll formed clips.

型号 Model No.	料厚范围 Thickness Range	加工速度 Speed	卡码长度 Clip Length	用料宽度 Material Width	卡码尺寸 Clip Size
CCN-150	0.5-1.2(18-27ga)	10m/min(33FPM)	150mm	52mm	25mm



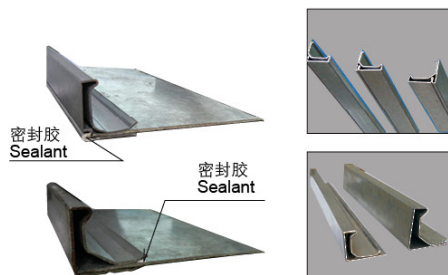
TTF/LT 插式法兰成型机

GDF 共板法兰成型机

TTF/LT 系列德国法兰适用于管道截面面积较大的风管，具有密封好，坚固耐用和驳接坚固的特点，符合 DW143 标准。此系列法兰成型机主要由料架、成型机和切割系统组成，主机有 15 对成型辊轮，成型速度可达 8m/min。搭配切割系统，可实现定尺切断，切断毛刺少，可实现全自动化生产。此系列法兰成型机，带有自动填注密封胶功能。

- TTF/LT mate flange has well seal, strong and durable joint structure. Therefore it is especially suitable for producing a duct with large sectional area.
- 15 forming stations produce an integral flange
- Manufacturing speed of approximately 26FPM(8m/min)
- Consists of a manual decoiler, rollforming machine and cutting unit
- Cut to length without burrs
- Sealant injection device

型号 Model No.	料厚 Coil Thickness	成型形状 Shape	"A" 尺寸 "A" Size
T-20	0.6-0.8mm		20±0.5
T-25	(22-25ga)		25±0.5
T-30	0.8-1.0mm (20-22ga)		30±0.5
T-35			35±0.5
T-40			40±0.5
LT-20	0.6-0.8mm		20±0.5
LT-25	(22-25ga)		25±0.5
LT-30	0.8-1.0mm (20-22ga)		30±0.5
LT-35			35±0.5
LT-40			40±0.5



GDF 共板法兰工艺作为快速法兰风管工艺的一种在欧洲得到大量推广，它兼具普通 TDF 共板法兰钢板风管及角钢法兰风管的优点，密封性好，无焊接，无铆接，成本低。

GDF 共板法兰因管道钢板连成一体，在两节管道的连接上用专用法兰卡码，然后用螺栓连接。操作简单，提高了效率，外观平整，尺寸准确，产品的质量稳定。

European standards recommended the use of slide-on flange because of its strength, hollow double section and the ability to hide the L' type corner pieces. GDF integrated flange is widely applied in Europe as a kind of quick installation duct flange. It shares common advantages with TDF flange—well seal, free of jointing and rivet. GDF flange is integrated with duct, connect with 4 bolts and special duct corner and clamp. One side forms GDF flange and the other forms clip. Or roll forming both GDF flanges in one machine as different model numbers.

型号 Model No.	料厚 Coil Thickness	成型形状 Shape	"A" 尺寸 "A" Size
G-20	0.6-0.8mm (22-25ga)		20 ± 0.5
G-25			25 ± 0.5
G-30			30 ± 0.5
G-35			35 ± 0.5
G-40			40 ± 0.5
G-20/30	G-20:0.6-0.8mm(22-25ga) G-30:0.8-1.2mm(18-22ga)		20 ± 0.5
G-25/35	G-25:0.6-0.8mm(22-25ga)		30 ± 0.5
	G-35:0.8-1.2mm(18-22ga)		35 ± 0.5

成型形状:
Product profile:



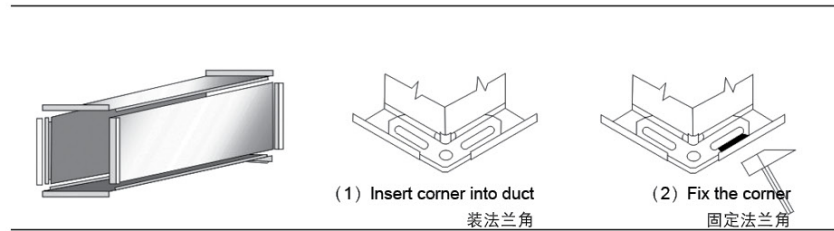
PDF Flange Forming Machine

PDF 共板法兰成型机

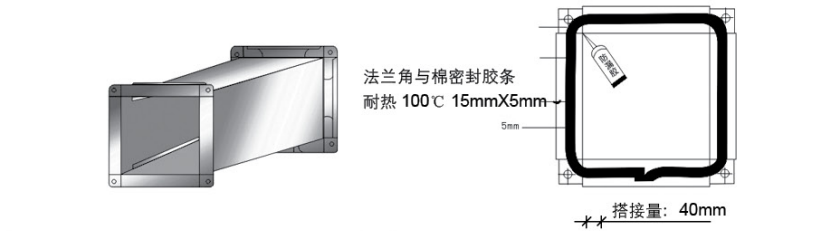
型号 Model No.	料厚 Coil Thickness	成型形状 Shape	"A" 尺寸 "A" Size
P-20	0.6-0.8mm (22-25ga)		20 ± 0.5
P-25			25 ± 0.5
P-30			30 ± 0.5
P-35			35 ± 0.5
P-40			40 ± 0.5
P-20/30	P-20:0.6-0.8mm(22-25ga) P-30:0.8-1.0mm (20-22ga)		20 ± 0.5
P-25/35	P-25:0.6-0.8mm(22-25ga)		30 ± 0.5
	P-35:0.8-1.0mm (20-22ga)		35 ± 0.5

插接式风管安装图解

Fabrication and Installation of TTF/LT Mate Flange System

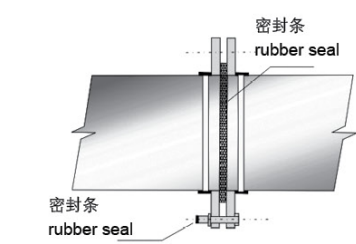


1 Parts of duct
风管组装

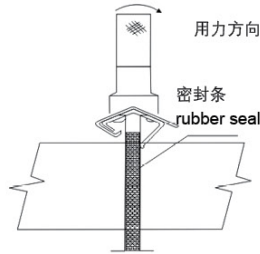


2 Corner inserted duct
装法兰角

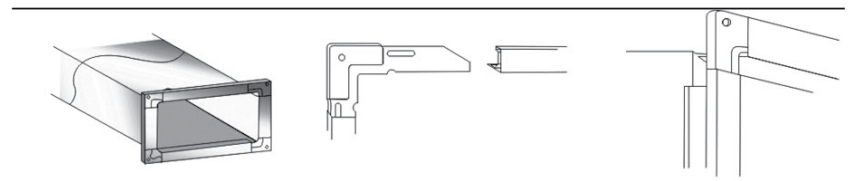
3 Sealant and rubber seal
法兰打防漏胶及装法兰密封胶垫



4 Joint two pieces of ducts by connecting corners with screws
风管法兰四角螺丝连接



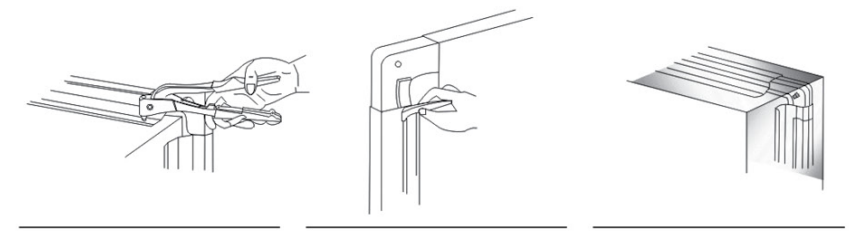
5 Connect Flange by clip
风管法兰边装法兰夹



1 Flange and corner joint duct together. Flange length depends on duct size.
一个法兰由四把法兰条和四个法兰角组成，法兰条的长度由风管的宽和高决定。

2 Insert corner into duct
按风管宽、高把法兰条切断后，把法兰角插入法兰条内。

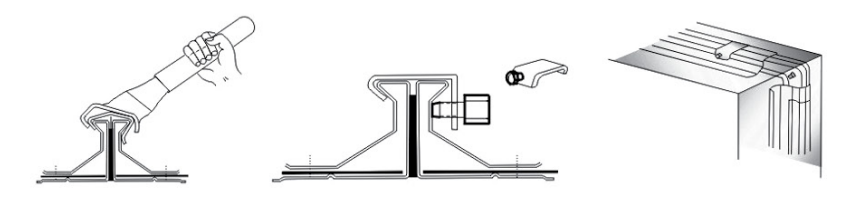
3 Install flange on sheet metal duct
法兰角与法兰条插接组成一个法兰后，插入平口的风管中。



4 Connect flange and duct
用拉钉把法兰与风管接好。

5 Put rubber seal to the end of flange
在法兰端贴密封材料。

6 Joint two pieces of ducts by connecting corners with screws
用螺栓把两节风管的四个法兰角联接起来。



7.1 Flange length > 150mm, connect flange with clip. clip distance <= 400mm.
法兰的长度 > 150mm 时，应加装法兰夹子（弹簧夹子或螺栓夹子）每两个法兰夹子中心间距 <= 400mm（上图为弹簧夹子）。

8.1 Or connect two pieces of ducts by clamp
用螺栓夹子把两节风管联接起来的图示。

9 Connected duct.
风管联接好后的图示。

等离子切割机

角码 / 勾码模具

康美风等离子切割机是在吸收国内外先进技术的基础上根据市场的需求自主开发的。其高精度和节约成本的配置全方位满足客户的需求。除了专业型风管加工等离子切割机，康美风还推出新型的等离子切割机，可加装玻璃棉和橡塑保温材料切割下料装置。机器制作精良，切割精度高，性能稳定，避免频繁维修，标配的切割电源可切最大料厚6mm，根据客户要求可升级切割电源以达到更大的加工厚度。


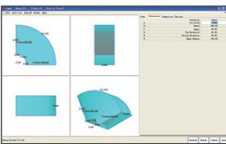
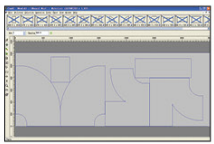
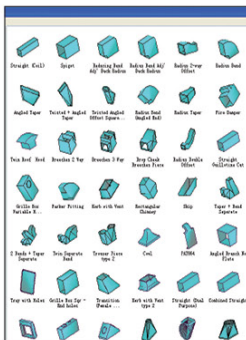
Comifo developed its own plasma cutting machines based on other famous manufactures' advantages and markets' requirements. There are two kinds of plasma cutting machines, duct fabricating plasma cutting machine and universal plasma cutting machine. The former can adopt further device for cutting glass wool and rubber heat-insulating material. With its cost-effective, high-precision alternatives for its configuration, you can look forward to years of trouble-free operation.

- 特点: **Features:**
- 坚固稳定的机架
 - 强大精确的驱动系统
 - 安全的气动控制系统
 - 便捷易用的操控系统
 - Rigid and Stable Framework
 - Powerful and Accurate Drive System
 - Safe Air Control System
 - Easy-to-Use Control System

康美风等离子切割机可单机使用，也可配置送料装置，全自动送料，效率更高。

Comifo plasma cutting machine can be either a stand alone system or a complete automatic fabricating system by adding an auto feeding device, which can be ordered to meet your higher expectation.



型号 Model No.	工作台尺寸 Table Size	加工速度 Speed	最大加工料厚 Max Coil Thickness
Compa1300x3100	1300x3100mm	12m/min	6mm/ 12mm
Compa1500x3100	1500x3100mm		
Compa1300x5100	1300x5100mm		
Compa1500x5100	1500x5100mm		

注：其他尺寸可按客户要求订做。
Remark: other table sizes can be ordered.

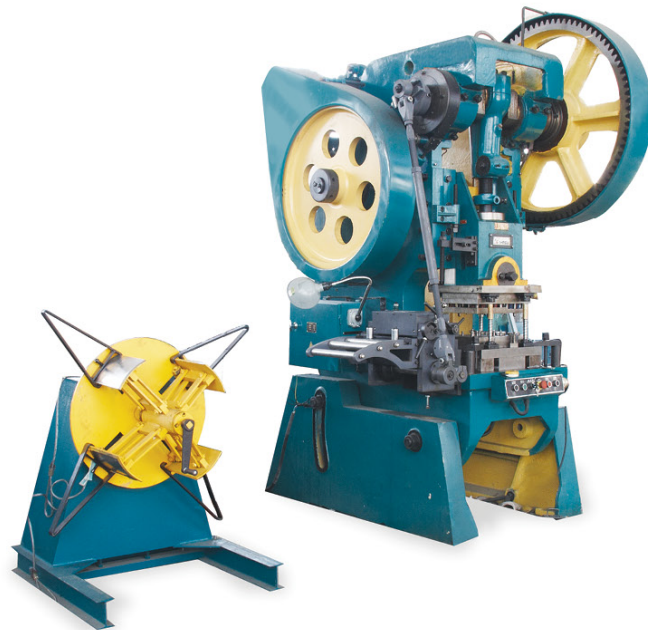
法兰系统 Flange	角码形状 Corner Profile	角码型号 Corner Model No.	描述 Remark	角码模具型号 Corner Mould Model No.
TDF		TD-34CR	圆孔角码 Round Hole Corner	TD-34MR
		TD-34CS	方孔角码 Square Hole Corner	TD-34MS
		TD-34CM	角码装订机配套角码 Used with Corner Inserter	TD-34MM
		TD-34CH	半码角码 Half Scale Corner for small duct	TD-34MH
TTF		T-20C	厚度 2-3mm	T-20M
		T-25C	Thickness:2-3mm	T-25M
		T-30C		T-30M
		T-35C		T-35M
	T-40C		T-40M	
		T-20CF	厚度 0.8-1.5mm	T-20MF
		T-25CF	Thickness:0.8-1.5mm	T-25MF
		T-30CF		T-30MF
T-35CF			T-35MF	
LT		LT-20C	厚度 2-3mm	LT-20M
		LT-25C	Thickness:2-3mm	LT-25M
		LT-30C		LT-30M
		LT-35C		LT-35M
	LT-40C		LT-40M	
		LT-20CF	厚度 0.8-1.5mm	LT-20MF
		LT-25CF	Thickness:0.8-1.5mm	LT-25MF
		LT-30CF		LT-30MF
LT-35CF			LT-35MF	
GDF		G-20C	安装后 Assembled	G-20M
		G-25C		G-25M
		G-30C		G-30M
		G-35C		G-35M
		G-40C		G-40M
		PDF		P-20C
P-25C				P-25M
P-30C				P-30M
P-35C				P-35M
P-40C				P-40M
法兰系统 Flange	勾码形状 Clamp Profile			勾码型号 Clamp Model No.
TDF, TTF, LT, GDF, PDF		BC-10	厚度: 3mm Thickness:3mm	BC-10M

全自动角码生产线

角码装订机

为配合风管与法兰使用，康美风为不同形式的法兰配置相应的角码和勾码。除了提供角码和勾码，康美风还提供相应的角码和勾码模具，与冲床配合使用，可大量生产角码和勾码。

Comifo provides kinds of corner and clamp in order to combine with different ducts and flanges. Besides providing corner and clamp, Comifo provides corner mould and clamp mould also, with a press machine, customers can punch corners and clamps by changing relevant moulds. Send us a sample or a drawing; the mould can be customer-made to specific profile.



自动单 / 双向装订角码，一次到位，节省安装人力，提高安装效率。双向角码装订机还提供两种型号，最大加工风管高度为 1600mm。

Hydraulically powered controlled automatically inserts corners into single-end or both-end (optional) in seconds and crimps them into place. It saves installation labor, decreases leakage and eliminates twists. Regarding both end corner inserter, the max height adjustable up to 1600mm section.

型号 Model No.	形式 Style	加工风管长度 Duct Length	速度 Speed
CCI-S	单向 Single -end	N/A	24m/min (78FPM)
CCI-1600	双向 Both-end	1200-1550mm	



除了普通模具，康美风还提供全自动角码模具，组成全自动角码生产线，一分钟可生产多达 120 个角码。Besides normal corner mould, Comifo provide automatic corner mould which can be combined as an automatic corner fabricating line. Up to 120pcs of corners can be fabricated in 1 minute.

手动折边机

气动折边机

TDF 手动折边机是专为通风管道工程设计的设备，适用于 TDF 共板法兰风管折边，具有重量轻，移动方便，压角角度小等优点。根据不同需要加工不同尺寸，适合于工地，通风管道制造，五金白铁盒件、盘件加工。

TDF hand folder is specially designed for duct manufacture, hand fold TDF integrated flange duct. Easy control to the folding angle. Different workpieces can be processed according to different requirement. It is suitable for duct making, mental box forming and pan processing; It is light and easy to move and can be taken to the construction site

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	外形尺寸 Dimension	总重量 Weight
CMF-1.2x1600	1600mm	0.4-1.2mm	2000x800x1400	550kg
CMF-1.2x2000	2000mm	(18-27 Ga)	2600x850x1400	650kg



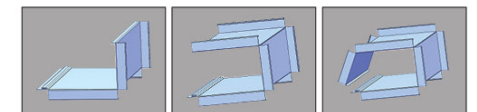
TF/GDF 气动折边机是专为通风管道共板法兰风管加工的风管加工设备，可精确制作“L” “口”型风管。

The TDF/GDF wrap brake is designed to allow a single operator to accurately place and fold flat blanks with TDF or GDF rollformed flanges into L-shape or full wrap duct sections.

Features:

- Heavy duty welded steel frame, solid top beam
- Maintenance-free hydraulically powered folding beam
- “L” section and “口” shape full ductwork
- Patented Sliding Sections provide adjustable notch locators for TDF flange or GDF flange

型号 Model No.	最大料宽 Max Coil Width	最小加工风管 Minimum fold duct	料厚范围 Thickness Range
CPF-1.2x1600	1600mm	140X140mm	0.4-1.2mm
CPF-1.2x2000	2000mm		(18-30 Ga)



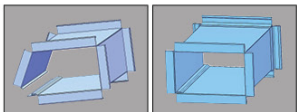
液压折边合口机

风管立式合缝机

TDF/GDF 液压折边合口机是专为通风管道共板法兰风管加工的风管加工设备，由 PLC 控制，可自动完成送料 - 折边 - 合口，可精确制作“L”“口”型风管。

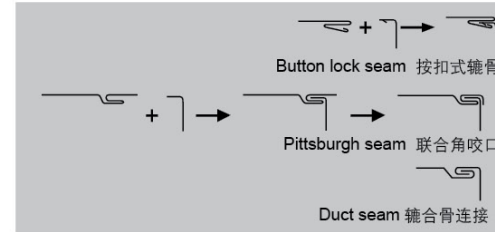
Comifo Hydraulic Fold-seamer is a special machine made for integrated flange duct work, especially for TDF or GDF flange duct seaming, optional PLC control system, feeding material for folding and seaming automatically.

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	速度 Speed
CHFS-1.2x1300	1250mm	0.5-1.2mm	0-10m/min
CHFS-1.2x1600	1550mm	18 - 27 Ga	(32FPM)



通常情况下，有以下三种方管合缝形式，按扣式辘骨，联合角咬口，辘合骨连接。按扣式辘骨可以在康美风按扣式辘骨机生产，联合角咬口可在康美风辘骨机中生产，并在康美风立式合缝机中完成合口，辘合骨连接可在康美风辘合骨机中一步完成。

Generally, three different seams are common in the industry to connect the corners of the ducts: button lock seam, Pittsburgh seam and Duct seam. Button snap lock and Pittsburgh lock can be produced on the Comifo lock forming machines. The Pittsburgh seam shows much better results and can also be used for a higher pressure.

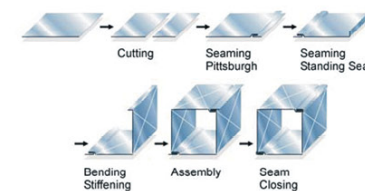


康美风共板法兰风管合缝机可与全自动风管生产线或共板法兰机，联合角咬口机等成套设备配合使用，大大提高风管生产效率，合缝严密，平整，提高产品品质。此系列风管合缝机有卧式合缝机和立式合缝机。其中立式合缝机更赢得人们的青睐。

Vertical duct seam closer is what we highly recommend. Pittsburgh joint is commonly used to join the seams of metal ducts. Seam closing has traditionally been accomplished by manually hammering the margin of the seam against the duct wall (peening). Disadvantages of such peening include the time required and the almost intolerable noise produced.

The latest design in seaming technology is now available. At the Pittsburgh joint, the individual seams are called Pittsburgh seam (pittsburgh lock) and standing seam (right angle lock). On a Pittsburgh joint, the operator pushes the standing seam into the Pittsburgh seam, fastens them to each other and closes the joint on a seam machine.

型号 Model No.	形式 Style	料厚范围 Thickness Range	加工风管长度 Duct Length	速度 Speed
VWSC-1600	立式 Vertical	0.4-1.2mm	1200-1550mm	24m/min (78FPM)



风管辘合骨机

手动咬式机

康美风风管辘合骨机，只需一步即可获得缝合紧密的成型风管。该机适合于插式法兰连接，C型插条连接形式的风管，尤其与康美风风管生产二线 / 三级 / 升级版三线 / 八线，手动咬式机配合使用，可极大提高小型风管的加工效率。

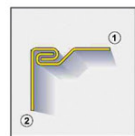
Comifo Duct Zipper, Germanic duct seaming style, allows you to produce the highest quality duct much faster, easier and more profitable than ever before. This new engineering has been taken the seaming process from the traditional three steps down to only one.

This machine is suitable for mate flange duct and C cleat joint duct manufacture. Combined with Comifo duct manufacture coil line II/III III(B)/VIII, hand cleat bender, production efficiency for small ducts can be greatly improved.

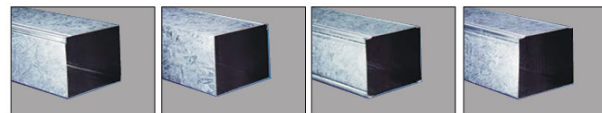
型号 Model No.	料厚范围 Thickness Range	最小风管尺寸 Min Duct Size	支承高度 Bearing Height	支承长度 Bearing Length	支撑臂数量 Bearing Arm No.	加工高度 Process Height
H-10	0.4-1.0mm (20-30 Ga)	150x150mm	700mm	1550mm	2x3	800mm
H-08	0.4-0.8mm (22-30Ga)	100x100mm	700mm	1550mm	2x3	800mm



成型形状 Profile



双 C 合口
Double C Duct Seam

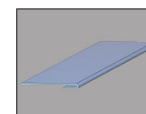
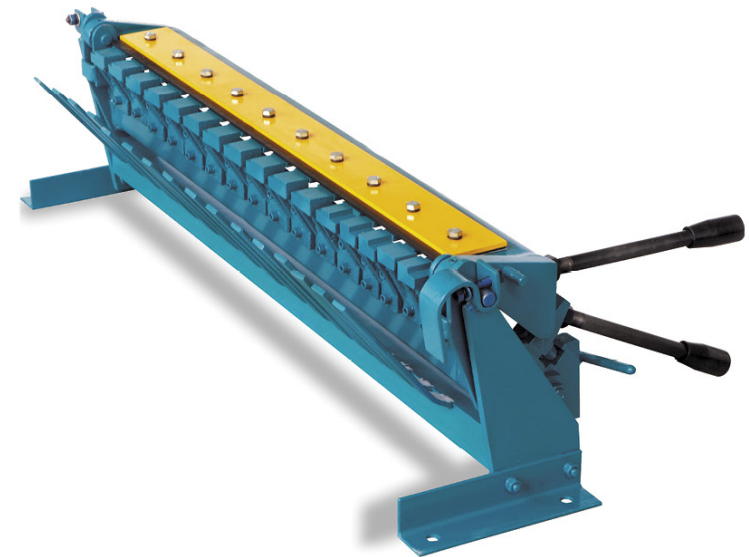


手动咬式机是一款为通风管道支管加工而专门设计的专用设备，在风管生产线上线开料折弯成“口”字型，再用手动咬式机将风管两端四边 / 两边翻成 C 型骨。

配合 C 型插条或 S 型插条，可极大地提高小支管风管的加工和安装效率。

Cleat Bender is a special designed machine for the processing of ducts. Fold to “口” shape by duct manufacture auto line, then bend the edges as drive cleat. It is a compact tool designed to easily manage the laborious task of forming the drive cleat hem.

型号 Model No.	最大加工料宽 Max Coil Width	加工料厚 Thickness Range
CCB-750	750mm	0.3-0.6mm



成型形状 Profile

压筋机

螺旋圆风管成型机

压筋为一种既节约成本又能加固风管的方式，比传统的加固方式速度快5倍，且只需要一位工人操作机器。压筋机设计完成符合美国SMACNA标准。压筋的间隔可调，可共压5条筋，筋的深度可调至4mm深。筋的深度的调节非常方便，是通过调节一对辊轮升高或降低来完成的。

The latest design in beading technology is now available. Designed to meet the requirements of SMACNA, this ductwork prep machine produces 5 beads on 4' or 5' centers. A convenient handwheel raises or lowers the top roller to set depth of bead.

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range
CBM-1.2x1600	1600mm	0.4-1.2mm
CBM-1.2x2000	2000mm	(18 - 27 Ga)



大体有两种螺旋圆风管成型机，一种是钢带型，另一种是模具型螺旋管机。

There are two kinds of spiral tube forming machines. Forming heads required and forming heads not required.

Spiral Tube Forming Machine Model FHR-1600

模具型螺旋管机

采用固定定型模具，更换不同尺寸模具成型不同尺寸圆管，使风管尺寸更精确统一，成型过程更稳定快捷。

It processes round duct of maximum diameter up to 1600mm. It is easy to change the diameter for different duct size by changing different forming heads. Hydraulic roll cutting provides no burrs, sparks or noises.



FHR-1600	
管径 Diameter Range	φ 100- φ 1600mm
管长 Length of the Tube	100-8000mm
料厚范围 Thickness Range	0.5-1.2 mm (18-27ga)
速度 Speed	0-40m/min (0-131FPM)
料宽 Coil Width	137mm
切割系统 Cutting Unit:	飞剪 Roll Cutting
切割误差 Cutting tolerance:	± 0.5mm
可选模具尺寸 Optional Diameter of Forming Heads	φ 100, φ 125, φ 160, φ 180, φ 200, φ 225, φ 250, φ 300, φ 315, φ 355, φ 400, φ 450, φ 500, φ 610, φ 710, φ 800, φ 1000, φ 1120, φ 1250, φ 1400, φ 1600

成型形状 Profile



钢带型螺旋管机

偏三星辊卷圆机

通过调整钢带以达到生产不同尺寸的螺旋圆管，易于更换调节，无需太多人力物力。密封性好，加工速度快，性能稳定。

Spiral tube forming machine processes round duct of maximum diameter up to 1400mm. With strong seal, flexible, It can be adjusted to make ducts with different diameters by changing different forming strips.

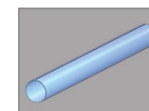


FHNR-1400	
管径 Diameter Range	φ 100- φ 1400mm
管长 Length of the Tube	100-8000mm
料厚范围 Thickness Range	0.5-1.2 mm (18-27ga)
速度 Speed	0-10m/min (0-32FPM)
料宽 Coil Width	137mm
切割系统 Cutting Unit	锯齿式切割 Saw Cutting
切割误差 Cutting tolerance	± 0.5mm
可选钢带尺寸 Optional Diameter of Forming Strips	φ 100, φ 125, φ 160, φ 180, φ 200, φ 225, φ 250, φ 300, φ 315, φ 355, φ 400, φ 450, φ 500, φ 610, φ 710, φ 800, φ 1000, φ 1120, φ 1250, φ 1400

偏三星辊卷圆机为加工薄板而设计的轻型卷板机，客户可根据需要订购。

Asymmetrical three-roller bending machine's upper roller is hand-adjusted up and down. The machine has a pre-bending function. Bending function is power driven, and the upper roller can be moved to remove the workpiece.

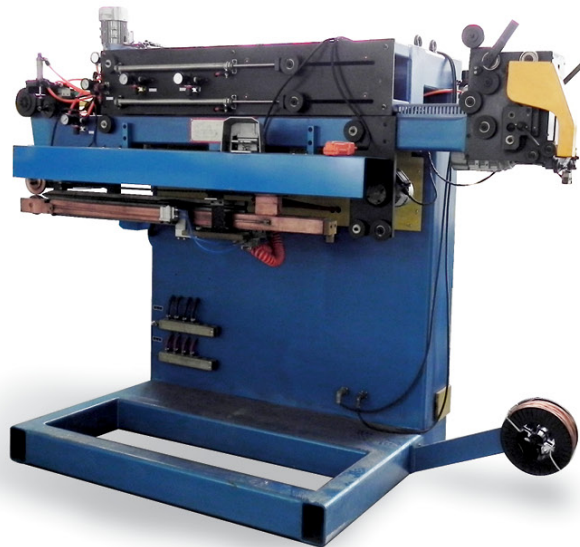
型号 Model No.	最大加工料厚 Max Thickness	最大加工宽度 Max Width (mm)	滚筒直径 Roller Diameter (mm)	最小卷板直径 Min Diameter (mm)
W750	1.2	750	63	88
W1300	1.2	1250	63	88
W1600	1.2	1550	72	100



缝焊机

自动缝焊机拥有标准组件，非常紧凑的设计，独特的带有变频器矢量调速驱动功能，焊接速度及纵缝焊接间距可通过数字面板设定来实现，数控系统调节功能。

With PLC control system and transducer, seam welder can set up the seaming speed and place on the panel. It enjoys standard component and compact design.




液压圆弯头咬口机

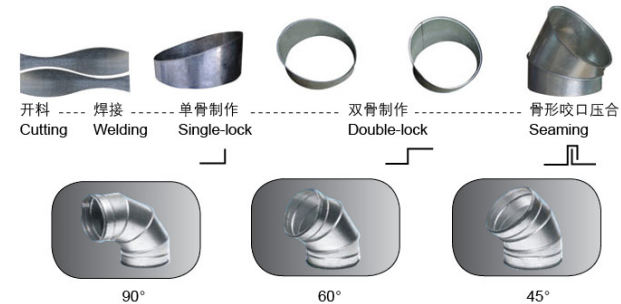
康美风液压圆弯头咬口机是为圆管咬口合口制作弯头使用。同一台机既可咬口也可合口，减少安装空间，操作方便。

COMIFO elbow maker is the special equipment for both connecting lock and seaming when processing on metal plate round pipe and round elbow. By adjusting the

position of pointer on the hand wheel, two locks (), will be formed separately at the mouth of the round pipe, then connect the mouth of the pipe for two locks on the

other set of the roller to form an elbow (). This machine featured with durable structure, high performance and efficiency and esay-operation, it can form accurate dimension and right angle, this type of lock is more air-tight with better seam. Good quality forming and seaming by one machine, space saved.

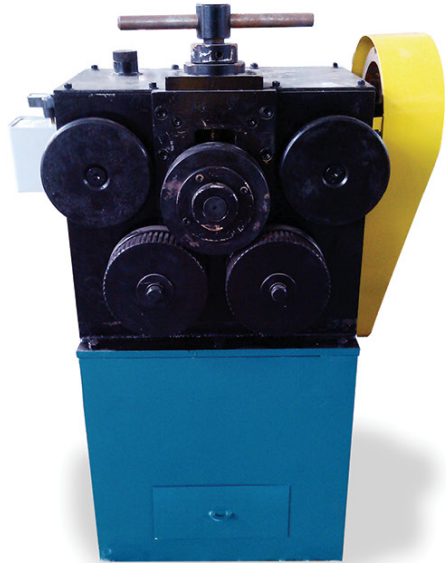
型号	最大加工直径	加工料厚
Model No.	Max Diameter	Thickness Range
DEM-1250	80-1250mm	0.4-1.2mm (18-27ga)



角铁卷圆机

用于卷制圆形角钢法兰盘和扁钢法兰盘；一次可卷制多个同一规格的法兰盘，省工省料；卷圆后不改变角钢断面形状，成开辊轮选用优质钢材，强度高，寿命长。

The machine is reliable to operate with various functions and is an ideal bending machine that is adjustable and able to deal with different types of materials and specifications only by recombining the die settings. This removes the need to change dies. The machine offers low cost with flexibility and reliability.



辘线机

辘线机可作多种用途：半圆弯，榫接，压平（合），包线，滚切，滚花，加强筋等等。辘线机分电动辘线机和手动辘线机，主要功能是制作圆管的压筋、连接等功能。并可通过特殊的轧辊制作出不同形状的工作。

This forming machine offers a broad variety of shapes and capabilities in forming sheet metal for a combination of uses: beading, crimping, double seaming, turning, burring, wiring, elbow edging, flanging, and flattening. Specialized Rolls manufactured to meet your production needs.



型号 Model	最大板厚 Max Thickness(mm)	有效宽度 Available Width(mm)	电机功率 Power(kw)	重量 Weight(kg)	外形尺寸 Dimension(mm)
C-500	1.0	60		25	370x370x760
C-550	1.0	280		45	550x340x840
DC-550	1.0	280	0.75	100	800x500x1040
DC-800	2.0	500	1.5	161	1080x560x1070
DC-800A	1.2	800	0.75	200	1230x340x1240
DCT-132	1.0	280	1.1	200	1200x450x1220

注：每台机标配加强筋轮一对，另可选配其它成型轮。

Remark: a set of beading roller is provided; other rollers are available to be ordered.

加工功能 Working Capability

滚轮形式 Roll Style							
成型形状 Roll Description							
用途 Usage	半圆弯 Turning	榫接 Burring	压平（合） Stretching	包线 Wiring	滚切 60° V°	滚花 Crimping	加强筋 Beading

圆管合缝机

椭圆风管机

圆管合缝机可加强圆管合口，可与康美风三星辊卷圆机或四星辊卷圆机配合使用。

The machine is especially used to strengthen the snap lock and particularly suitable for producing great amount of ducts, it can combine with 3-roller forming machine or 4-roller forming machine to produce the duct which is of standard appearance and reliable quality. It is easy to install with high efficiency.

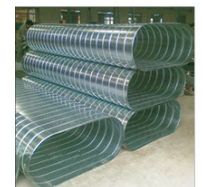
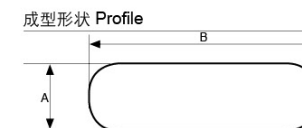
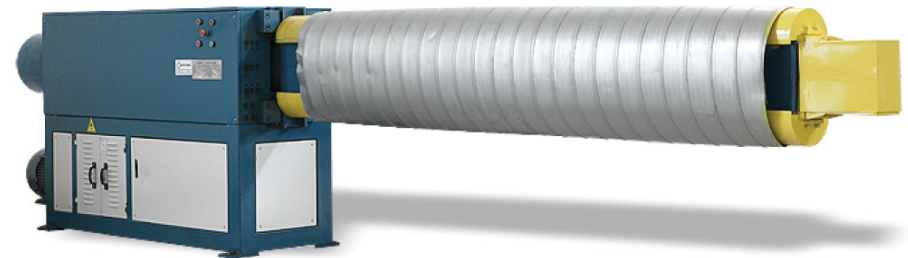
椭圆风管机能够将螺旋管制成平直或椭圆的管道。PLC 控制，LCD 操作面板，储存了所有参数以便在实际操作过程中能被快速使用。

The Ovalizer Champ features a simple and efficient system with two large 10 inch hydraulic cylinders operating at a relatively low-pressure setting, which ensures years of trouble free operation. Machine control is by PLC, and the LCD unit on the operator's panel stores all set parameters for easy recall by the operator when required.



型号 Model No.	YJB-1.2x1200	YJB-1.2x2000
速度 Speed	6m/min (19FPM)	6m/min (19FPM)
加工料厚范围 Thickness Range	0.5-1.2 mm (18-27ga)	0.5-1.2 mm (18-27ga)
最大料宽 Max Coil Width	1200mm	2000mm

型号 Model No.	最大加工料厚 Maximum Thickness	1.2mm (18ga)
COC-1.2x3100	最大管长 Maximum Duct Length	3100mm
	基本圆管直径 Basic Round Duct Diameter	400mm-1800mm
	"A" 尺寸 "A" Size	200-500mm
	"B" 尺寸 "B" Size	500-600mm
	功率 Power Consumption	18kw/380v
	占地面积 Floor Space(Approx)-Machine	5000x1100mm

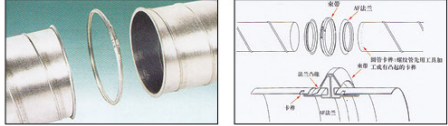


圆管连接 / 安装示意图

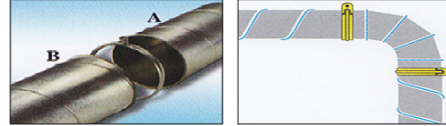
连接方式

Connecting of Round Duct

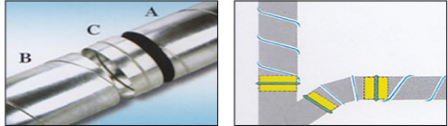
三合一法兰 (抱箍) Hooping Connect



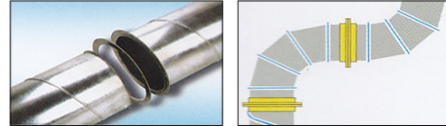
束带连接 Lainloth Connect



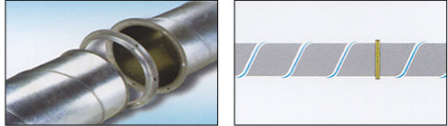
芯管连接 Core Connect



角钢法兰连接 Angle iron flange Connect

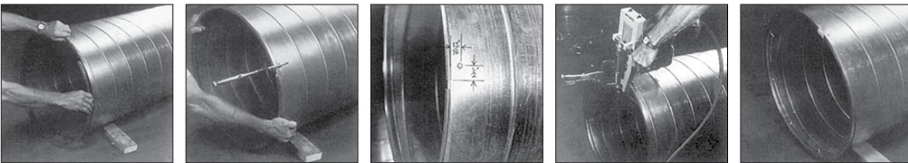


扁钢法兰连接 Flat Steel flange Connect

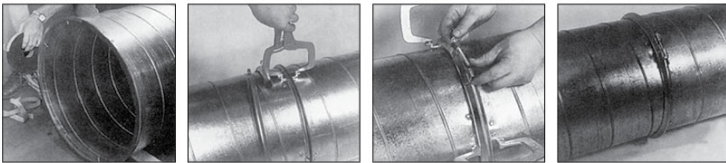


圆管安装示意图

Installation of Round Duct



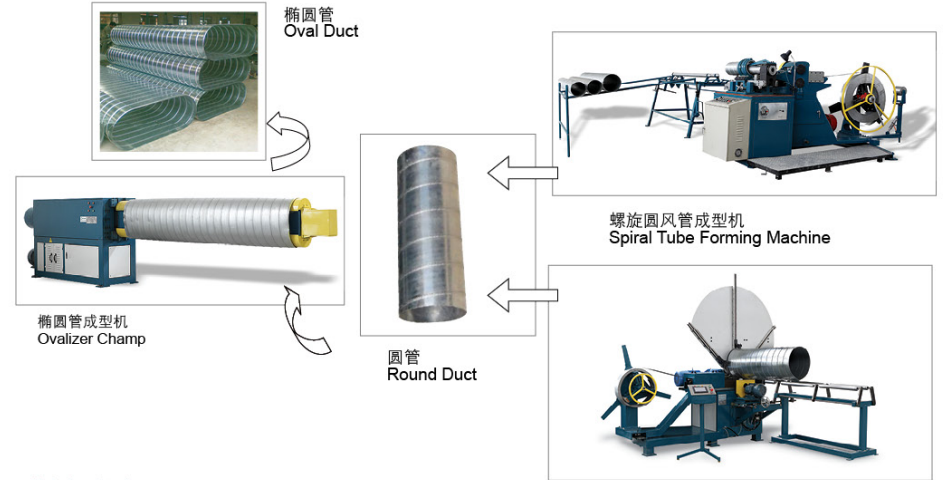
1. 上法兰
Set flange
2. 对位校准
Positioning calibration
3. 上固定螺丝
Fix Screw
4. 上法兰连接件
Set connector
5. 法兰安装完成
Finish flange installation



6. 上密封条
Set sealant washer
7. 管道合口
Duct seaming
8. 上固定螺丝
Fix securing screw
9. 安装完成
Installation finished

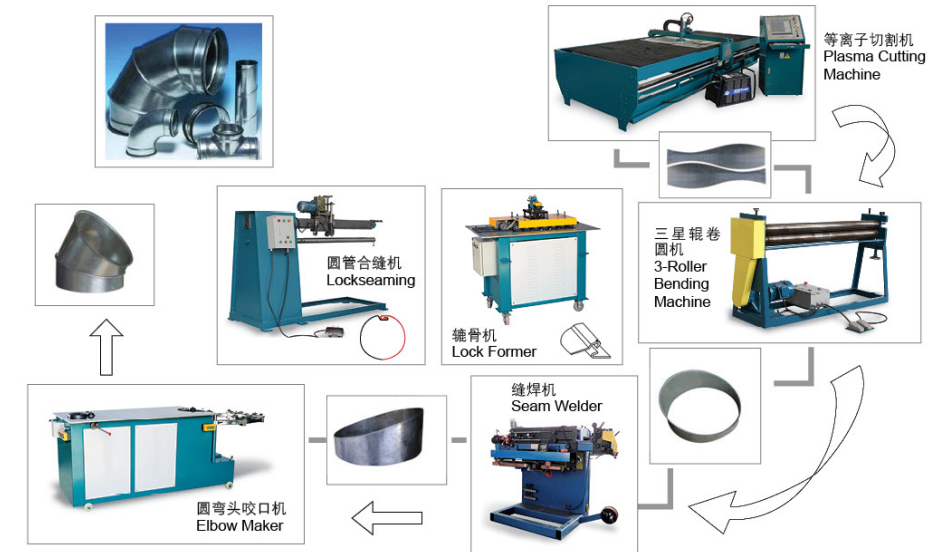
螺旋圆管/椭圆管

Spiral/Oval Duct



圆管弯头配套设备

Elbow Making



调平剪板机

液压料架

康美风调平剪板机包括料架（可选用液压料架），调平，液压剪切。PLC 控制，触摸屏操作，可根据操作要求设置任意尺寸进行下料，可实现全自动下料生产，节省时间，人工和板材用量。

工作原理：卷料—调平—剪切

Stations: coil-straightening-shearing

型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	速度 Speed	剪切误差 Shearing Tolerance	对角线误差 Diagonal Tolerance	料架形式 Decoiler
SAC-1.2x1300	1250mm	0.5-1.2mm (18 - 27 Ga)	0-18m/min 0-59FPM	± 0.5mm	± 0.5mm	Electric Decoiler 电动料架
SAC-1.2x1600	1550mm	0.5-1.2mm (18 - 27 Ga)	0-18m/min 0-59FPM	± 0.5mm	± 0.5mm	
SAC-3x1300	1250mm	0.5-3.0mm (11 - 27 Ga)	0-18m/min 0-59FPM	± 0.5mm	± 0.5mm	Hydraulic Decoiler 液压料架
SAC-3x1600	1550mm	0.5-3.0mm (11- 27 Ga)	0-18m/min 0-59FPM	± 0.5mm	± 0.5mm	

Comifo Cut to Length Line consists of decoiler, straightening and shearing. It processes 1300mm or 1600mm galvanized steel into blank.

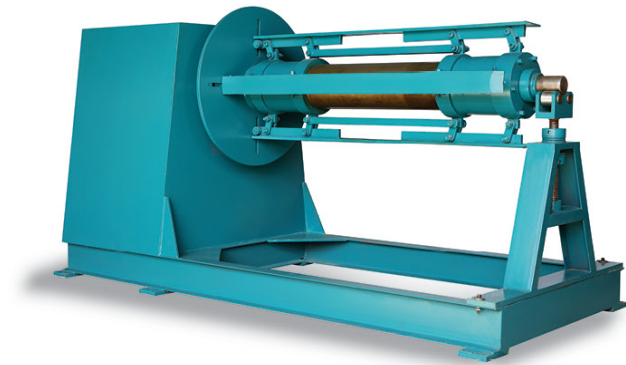
Features:

- Twin-motor driven dual-decoiling or hydraulic decoiler selectable coils stand by, maximum capacity of 5-ton per station (optional: up to 10-ton per station)
- Straightening/flattening - Pneumatic controlled straightener—No adjustment required when changing from different thickness material
- Accurate PLC control unit, preset cutting size , touchscreen



液压料架为悬臂式开卷专用设备。采用液压系统和电力驱动，悬臂卷芯液压涨缩，可选开卷压料装置，动力开卷和牵引开卷。可以单机使用或与生产线、调平剪板机配套使用。

Comifo hydraulic decoiler adopts single mandrel structure, and driven by hydraulic system and motor. The mandrel is hydraulic expand with optional coil press safety device. The decoiler can work independently or combine with duct manufacture coil lines or cut to length line.



型号 Model No.	最大料宽 Max Coil Width	承重 Capacity	卷轴直径 Mandrel Diameter	压料装置 Coil Press Device
YKJ5x1300	1250mm	5T	450-600mm	Optional
YKJ5x1600	1550mm	5T		
YKJ8x1300	1250mm	8T		
YKJ8x1600	1550mm	8T		
YKJ10x1300	1250mm	10T		
YKJ10x1600	1550mm	10T		

液压剪板机

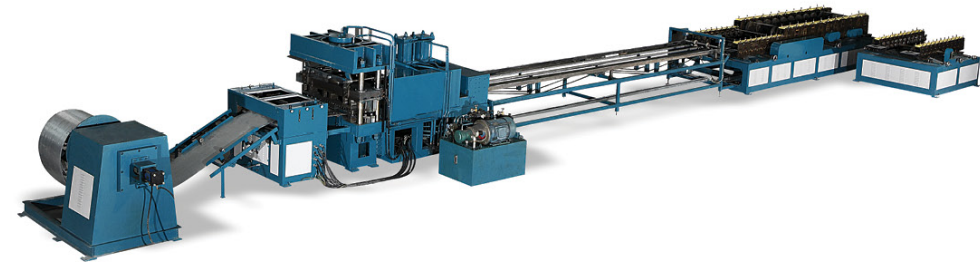
电缆线槽生产线

由于使用特殊的液压机械结构原理、优质的液压原件和电器原件，产品性能稳定，噪音低，维修率低，剪切角度小且可调，使加工件的弯曲变形小。剪切不同料厚的材料不需手动调节刀口剪切间隙。

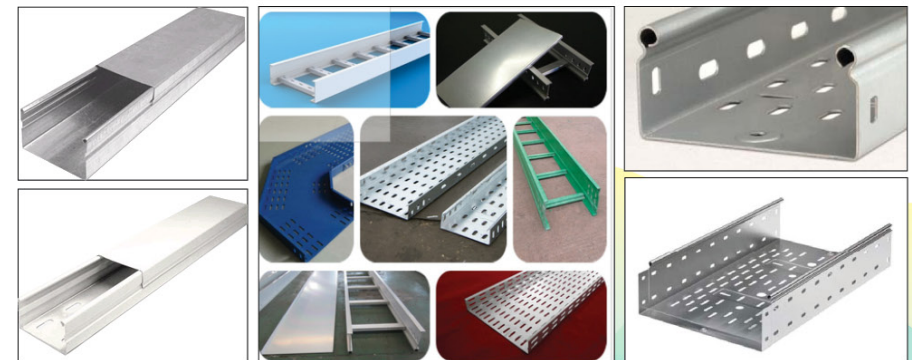
The Hydraulic Guillotine is different from the traditional driving method of mechanical or motor driven shearers. It adopts hydraulic driving. The cutting angle can be adjusted. There is no adjustment required for the blade clearance for different metal sheets with different thickness.

全自动线槽生产线含液压料架，冲孔，剪切，成型组成，全自动生产线槽，可生产不同尺寸不同冲孔形式的线槽。PLC控制，触摸屏操作更加方便快捷。

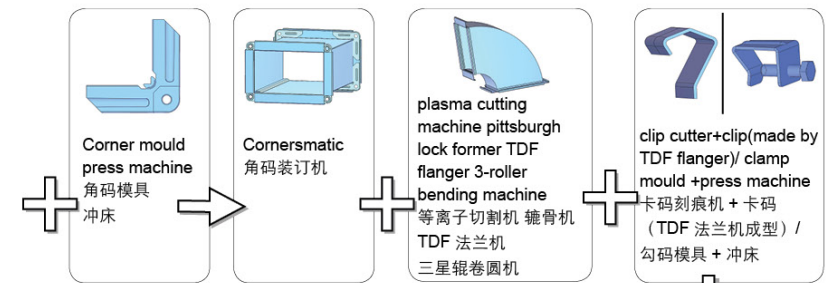
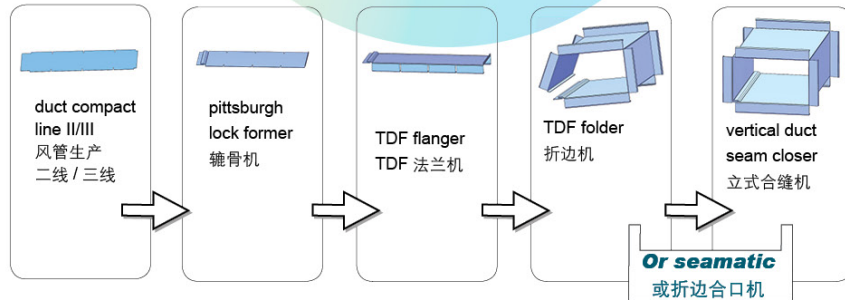
Trough manufacture auto line consists of hydraulic decoiler, punching, cutting and roll forming, manufacture trough automatically with different sizes, different punching style. PLC control, touch screen operated.



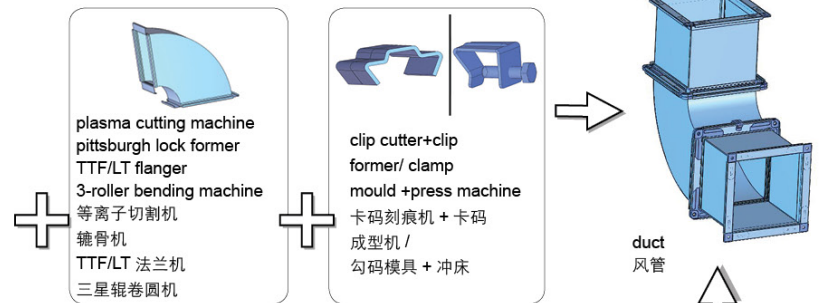
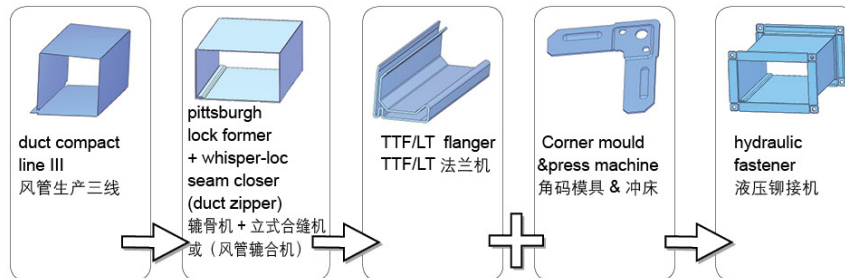
型号 Model No.	最大料宽 Max Coil Width	料厚范围 Thickness Range	剪切误差 Shearing Tolerance	对角线误差 Diagonal Tolerance
CHG-4x2500	2500mm	0.4-4mm (9- 30 Ga)	± 0.5mm	± 0.5mm
CHG-4x3200	3200mm	0.4-4mm (9- 30 Ga)	± 0.5mm	± 0.5mm



TDF Integrated flange system



TTF/LT mate flange system



GDF integrated flange system

