

# SuperKam 60S

手动扣压机 Manual Crimper



## 主要特点 Features

- ★ 手动液压泵，适合户外作业；
- ★ 结构紧凑、移动方便、操作简单；
- ★ 强磁模具，扣压精度高；

simple in construction, easy to operate, and highly reliable. It can work even in places where electricity or compressed air are not available. The ergonomic design, efficient pump and high crimping force makes it ideal crimper for field service.

## 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	1/4"-2", 4SP
模具行程 Max. Opening	+25mm (1")
最大张口 Opening without Dies	118mm (4 5/8")
模具座长度 Master Die Length	80mm (3 1/6")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	200T (2000kN)
控制方式 Control	手动 Manual
重量 Weight	150kg
尺寸(长x宽x高) Size (L x W x H)	550x280x600mm

## 模具规格 Dies Data

模具编号 Dies No.	φ6	φ8	φ10	φ13	φ16	φ19	φ25	φ32	φ38	φ51
调节范围 (mm) Range	15-25	18-28	20-30	23-33	26-36	29-39	36-46	46-56	51-61	63-73
模具长度 (mm) Length	45	45	45	50	65	65	80	80	80	80

# SuperKam 60V

车载扣压机 12V/24V Crimper



## 主要特点 Features

- ★ 12V/24V电源，适合流动服务车作业；
- ★ 结构紧凑、移动方便、操作简单；
- ★ 强磁模具，扣压精度高；

battery powered with 12V or 24V, provides 2000kN crimping force in a highly compact, ergonomic design. It is simple and compact in construction, easy to operate. Portability and usefulness for service vehicles in various industries make them ideal for field service and emergency repairs.

## 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	1/4"-2", 4SP
模具行程 Max. Opening	+25mm (1")
最大张口 Opening without Dies	118mm (4 5/8")
模具座长度 Master Die Length	80mm (3 1/6")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	200T (2000kN)
电压 Voltage	12V/24V
控制方式 Control	自动 Automatic
重量 Weight	165kg
尺寸(长x宽x高) Size (L x W x H)	600x460x540mm

## 模具规格 Dies Data

模具编号 Dies No.	φ6	φ8	φ10	φ13	φ16	φ19	φ25	φ32	φ38	φ51
调节范围 (mm) Range	15-25	18-28	20-30	23-33	26-36	29-39	36-46	46-56	51-61	63-73
模具长度 (mm) Length	45	45	45	50	65	65	80	80	80	80

# SuperKam 150

## 数控扣压机 Digital Crimper



### 主要特点 Features

一次性完美扣压4层2寸胶管及3寸工业管

- ★ CNC数控系统，扣压精度高；
- ★ 结构紧凑、重量轻、操作简单；
- ★ 可调节张口量，自带延时保压；

very easy to operate and offer affordable crimping in service operations. The compact design of it means it is easily movable to anywhere, and the traditional strong design is ideal for extreme working conditions for example in mines or tropical sites.

### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	1/4"-2",4SP
模具行程 Max. Opening	+25mm (1")
最大张口 Opening without Dies	118mm (4 5/8")
模具座长度 Master Die Length	80mm (3 1/6")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	200T (2000kN)
电压 Voltage	220V/380V 3kW
控制方式 Control	数控 Digital
重量 Weight	248kg
尺寸(长x宽x高) Size (L x W x H)	650x500x730mm

### 模具规格 Dies Data

模具编号 Dies No.	φ6	φ8	φ10	φ13	φ16	φ19	φ25	φ32	φ38	φ51
调节范围 (mm) Range	15-25	18-28	20-30	23-33	26-36	29-39	37-47	46-56	51-61	63-73
模具长度 (mm) Length	45	45	45	50	65	65	80	80	80	80

# SuperKam 150D

## 智能数控扣压机 SIEMENS PLC Crimper



### 主要特点 Features

一次性完美扣压4层2寸胶管及3寸工业管

- ★ 智能控制系统，扣压精度高；
- ★ 结构紧凑、重量轻、操作简单；
- ★ 可编程系统、I/O端口；

very easy to operate and offer affordable crimping in service operations. The compact design of it means it is easily movable to anywhere, and the traditional strong design is ideal for extreme working conditions for example in mines or tropical sites.

### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	1/4"-2",4SP
模具行程 Max. Opening	+25mm (1")
最大张口 Opening without Dies	118mm (4 5/8")
模具座长度 Master Die Length	80mm (3 1/6")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	200T (2000kN)
电压 Voltage	220V/380V 3kW
控制方式 Control	PLC触摸屏 SIEMENS PLC Digital
重量 Weight	248kg
尺寸(长x宽x高) Size (L x W x H)	650x500x730mm

### 模具规格 Dies Data

模具编号 Dies No.	φ6	φ8	φ10	φ13	φ16	φ19	φ25	φ32	φ38	φ51
调节范围 (mm) Range	15-25	18-28	20-30	23-33	26-36	29-39	37-47	46-56	51-61	63-73
模具长度 (mm) Length	45	45	45	50	65	65	80	80	80	80

# SuperKam 180D

## 智能数控扣压机 SIEMENS PLC Crimper



### 主要特点 Features

- ★ 一次性完美扣压6层2寸胶管及4寸工业管
- ★ 径向扣压，方便通过大法兰、双弯头；
- ★ 自润滑、后视镜、感应控制；
- ★ 静音泵；

use the radial master dies, it is invincible in all-around speed, accuracy and repeatability. The 2800kN crimping force heavy-duty design of it makes it be the best choice of quantity production, and very suitable for mid-range hydraulic and industrial hoses.

### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	1/4"-2", 6SP
模具行程 Max. Opening	+60mm (2 1/3")
最大张口 Opening without Dies	160mm (6 1/8")
模具座长度 Master Die Length	98mm (3 5/16")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	280T (2800kN)
电压 Voltage	220V/380V 5.5kW
控制方式 Control	PLC触摸屏 SIEMENS PLC Digital
重量 Weight	1230kg
尺寸(长x宽x高) Size (L x W x H)	730x1000x1620mm

### 模具规格 Dies Data

模具编号 Dies No.	φ6	φ8	φ10	φ13	φ16	φ19	φ25	φ32	φ38	φ51
调节范围 (mm) Range	15-25	18-28	20-30	23-33	26-36	29-39	36-46	46-56	51-61	63-73
模具长度 (mm) Length	65	65	65	65	65	65	90	90	90	100

\* 可定做原装模具。 The original dies be customized.

# SuperKam 390

## 智能数控扣压机 SIEMENS PLC Crimper



### 主要特点 Features

- ★ 一次性完美扣压10寸工业管
- ★ 径向扣压；
- ★ 可编程系统、I/O端口；
- ★ 静音泵、压力显示；

designed for heavy duty crimping and it is especially suitable for manufacturing large hydraulic and industrial hoses assembly. This machine is fast and it produces accurate outcomes. it is also flexible because of its excellent features and it has high production capacity.

### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	2"-10"
模具行程 Max. Opening	+120mm (4 3/4")
最大张口 Opening without Dies	360mm (14 1/6")
模具座长度 Master Die Length	125mm (5")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	1000T (10000kN)
电压 Voltage	380V 5.5kW
控制方式 Control	PLC触摸屏 SIEMENS PLC Digital
重量 Weight	2600kg/460kg
尺寸(长x宽x高) Size (L x W x H)	1160x1020x1850mm/870x810x1120mm

### 模具规格 Dies Data

\* 根据客户需求定制。 According to clients special need.



# SuperKam 600

## 智能数控扣压机 SIEMENS PLC Crimper



### 主要特点 Features

一次性完美扣压16寸工业管

- ★ 径向扣压;
- ★ 可编程系统、I/O端口;
- ★ 静音泵、压力显示;

designed for heavy duty crimping and it is especially suitable for manufacturing large hydraulic and industrial hoses assembly. This machine is fast and it produces accurate outcomes. It is also flexible because of its excellent features and it has high production capacity.

### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	2"-16"
模具行程 Max. Opening	+180mm (7")
最大张口 Opening without Dies	570mm (22 3/8")
模具座长度 Master Die Length	240mm (9 1/2")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	1500T (15000kN)
电压 Voltage	380V 11kW
控制方式 Control	PLC触摸屏 SIEMENS PLC Digital
重量 Weight	6000kg/520kg
尺寸(长x宽x高) Size (L x W x H)	2240x1500x1740mm/850x800x1220mm

### 模具规格 Dies Data

\* 根据客户需求定制。 According to clients special need.

# SuperKam 880

## 智能数控扣压机 SIEMENS PLC Crimper



### 主要特点 Features

一次性完美扣压25寸工业管

- ★ 径向扣压;
- ★ 可编程系统、I/O端口;
- ★ 静音泵、压力显示;

designed for heavy duty crimping and it is especially suitable for manufacturing large hydraulic and industrial hoses assembly. This machine is fast and it produces accurate outcomes. It is also flexible because of its excellent features and it has high production capacity.

### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	4"-25"
模具行程 Max. Opening	+180mm (7")
最大张口 Opening without Dies	820mm (32 5/16")
模具座长度 Master Die Length	300mm (11 3/4")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	2000T (20000kN)
电压 Voltage	380V 11kW
控制方式 Control	PLC触摸屏 SIEMENS PLC Digital
重量 Weight	20000kg/550kg
尺寸(长x宽x高) Size (L x W x H)	3300x1500x2500mm/850x800x1520mm

### 模具规格 Dies Data

\* 根据客户需求定制。 According to clients special need.

## DS100

### 数控缩母机 Nut Crimper



#### 主要特点 Features

适用1/4"-1 1/2"寸螺母、管套扣压。

- ★ 张口大、速度快;
- ★ 可调节定位手轮;
- ★ 静音泵、压力显示;

Nut Crimping Machine used for crimping nuts for flexible hose fittings. It has produce accurate and consistent results when crimping the nuts, ferrules and bushings on ends of hydraulic hoses.

#### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	1/4"-1 1/2"
模具行程 Max. Opening	+21mm (5/6")
最大张口 Opening without Dies	96mm (3 4/5")
模具座长度 Master Die Length	70mm (2 3/4")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	175T (1750kN)
电压 Voltage	380V 3kW
控制方式 Control	数控PLC Digital PLC
重量 Weight	252kg
尺寸(长x宽x高) Size (L x W x H)	700x750x960mm

#### 模具规格 Dies Data

模具编号 Dies No.	φ6	φ8	φ10	φ13	φ16	φ19	φ25	φ32	φ38
调节范围 (mm) Range	15-25	17-27	19-29	21-31	23-33	25-35	35-45	42-52	46-56
模具长度 (mm) Length	5	5	5	5	6	6	7	7	7

## SuperKam 100C

### 侧开口扣压机 Side-feed Crimper



#### 主要特点 Features

适合扣压各种异型管。

- ★ C型开口设计;
- ★ 速度控制;
- ★ 静音泵;

use the radial master dies, it is invincible in all-around speed, accuracy and repeatability. The side-feed design allows the hose to be fed from the side, this innovative structure makes crimping of any odd shaped hose assemblies easier and more accurate than ever before.

#### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	1/4"-1 1/4"
模具行程 Max. Opening	+25mm / +100mm (1" / 4")
最大张口 Opening without Dies	80mm (3 1/6")
模具座长度 Master Die Length	70mm (2 3/4")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	80T (800kN)
电压 Voltage	220V/380V 4kW
控制方式 Control	数控 Digital
重量 Weight	940kg
尺寸(长x宽x高) Size (L x W x H)	850x800x1600mm

#### 模具规格 Dies Data

\* 根据客户需求定制。 According to clients special need.

## DS-200

### 分体扣压机 Split-type Crimper



#### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	DN50-DN200
模具行程 Max. Opening	+25mm (1")
最大张口 Opening without Dies	280mm (11")
模具座长度 Master Die Length	40mm (1 5/8")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	980T (9800kN)
电压 Voltage	380V 1.5kW
控制方式 Control	手动 Semi-automatic
重量 Weight	280kg/25kg
尺寸(长x宽x高) Size (L x W x H)	500x500x700mm/450x550x520mm

#### 模具规格 Dies Data

\* 根据客户需求定制。 According to clients special need.

#### 主要特点 Features

适合油田柔性复合管DN50-200

- ★ 野外抢修用分体扣压机;
- ★ 结构紧凑, 操作方便;
- ★ 扣压力大, 燕尾槽模具;

Suitable for oilfield flexible composite hose DN50-200

- ★ Split crimping machine for field emergency service;
- ★ Compact structure and easy operation;
- ★ Large crimping force, dovetail groove master dies;

## DS-220

### 哈夫式扣压机 Half Crimper



#### 技术参数 Technical Data

液压缸材质 H.C. Material	锻打一体钢 Forge Steel (Cr40)
扣压范围 Crimping Range	DN50-DN200
模具行程 Max. Opening	+30mm (1 1/4")
最大张口 Opening without Dies	280mm (11")
模具座长度 Master Die Length	50mm (2")
系统压力 System Pressure	31.5Mpa
扣压力 Max. Crimping Force	1000T (10000kN)
电压 Voltage	380V 3kW
控制方式 Control	手动 Semi-automatic
重量 Weight	1200kg/320kg
尺寸(长x宽x高) Size (L x W x H)	1400x400x1400mm/800x600x850mm

#### 模具规格 Dies Data

\* 根据客户需求定制。 According to clients special need.

#### 主要特点 Features

适合油田柔性复合管DN50-200

- ★ 野外抢修用分体扣压机;
- ★ 哈夫式开口, 不受法兰约束;
- ★ 扣压力大, 燕尾槽模具;

Suitable for oilfield flexible composite hose DN50-200

- ★ Split crimping machine for field emergency service;
- ★ Half-type master dies design, suitable for hoses with large flange;
- ★ Large crimping force, dovetail groove master dies;



# Relicut 50C

## 气动切割机 Automatic Cutting Machine



### 主要特点 Features

最大切割4层2寸液压胶管

- ★ 气动脚踏控制切割;
- ★ 进口高速钢切割片;
- ★ 推拉式安全防护罩;

offers safe cutting with protected blade and safety shield. The hose is pushed against the blade by pneumatic spindle, it is easy and simple to use, and it can be used for cutting up to 2" braided hoses efficiently, fast and safely.

### 技术参数 Technical Data

切管范围 Cutting Range	Φ80mm
刀片规格 Blade Diameter	350×2.8×32mm
电压 Voltage	220V/380V 3kW
控制方式 Control	气动全自动 Pneumatic Automatic
重量 Weight	92kg
尺寸(长×宽×高) Size (L x W x H)	760×555×400mm

### 可选配 Optional

- ★ 吸排烟系统 Fume exhaust system
- ★ 特殊电压 Special Voltage
- ★ 锯齿切割片 Toothed Blades
- ★ 气动清洁枪 Blowing Kit

# B51

## 剥胶机 Skiving Machine



### 主要特点 Features

最大剥胶4层2寸液压胶管

- ★ 制动保护装置;
- ★ 双刃剥胶刀具;
- ★ 胶屑收纳盒、安全可视化防护罩;

skiving machine with a foot pedal is suitable for skiving external and internal hydraulic hoses from dimensions 1/4" to 2". S51 is ergonomically designed for efficiency and ease of use. It has adjustable tool operation, which saves in tool costs, and maximizes productivity.

### 技术参数 Technical Data

剥胶范围 Skiving Range	φ6-φ51mm (1/4"-2")
配带芯轴 Mandrels Tools	10套 (10 Sets)
配带刀具 Skiving Knives	1套 (1 Set)
专用扳手 Spanner	1件 (1 Piece)
电压 Voltage	220V/380V 0.75kW
重量 Weight	45kg
尺寸(长×宽×高) Size (L x W x H)	600mm×400mm×370mm

### 可选配 Optional

- ★ 特殊电压 Special Voltage
- ★ 内剥胶 Internal Skiving
- ★ 芯轴定制 Customized Mandrels

## M200

### 清洗机

### Cleaning Machine



#### 主要特点 Features

- 最大可清洗内径64mm胶管
- ★ 清洗枪头特殊设计;
  - ★ 带有清洗、吹干功能;
  - ★ 防腐防锈清洗液, 有效清洗胶管内壁;
- made for cleaning flexible hoses. Cleaning is carried out by means of a spray gun for introducing a specific solvent into the hose. The detergent action of the solvent combines with the pressure that develops inside the component to eliminate any deposits possibly accumulated therein.

#### 技术参数 Technical Data

最大尺寸	Capacity	64mm (2 1/2")
气源压力	Pneumatic Input	7-8bar
气源流量	Air Consumption	9.83L/Min
电压	Voltage	220V/380V 4kW
电机功率	Motor Power	4kW
出口压力	Exit Pressure	60bar
水箱容积	Tank Capacity	200L
重量	Weight	206kg
尺寸 (长x宽x高)	Size (L x W x H)	2080 x 880 x 1000mm

## C3000

### 静压爆破试验台

### Testing Bench



#### 主要特点 Features

- 最大爆破压力300Mpa
- ★ 气动液压泵;
  - ★ 内照明灯、防爆观察网;
  - ★ 专属工具储存区;
- workshop test bench allows for the efficient and safe final inspection and testing of hose lines. It is fully enclosed test chamber, hood with gas springs and transparent safety pane, easy and safe to operate, it will become part of your routine procedures.

#### 技术参数 Technical Data

测试介质	Testing Liquid	流体	Fluid
试验压力	Testing Pressure	100-3000Bar	
接口	Connections	1/4" BSP	
预充注流量	Filling Flow	1.06L/min	
驱动方式	Type Of Drive	气动增压	Pneumatic
尺寸 (长x宽x高)	Size (L x W x H)	1800x800x1200mm	

#### 可选配 Optional

- ★ 图表打印机 Graphic Printer
- ★ 过度接头 Adaptors



# MasterKam 2000

自动化接头生产线 Automatic Fittings Production-line



## 主要特点 Features

自动化接头生产线，是 APT 自主研发的全自动化设备，主要应用于液压接头和总成生产过程中，极大提高锁母的生产效率和精度。

该机器主要由执行元件，传感器部分，控制器部分三部分组成，通过预设的程序指令，在无人干预的情况下通过高灵敏传感器和高精度控制器自动操作和控制。

The automatic fittings production line is a fully automatic equipment independently developed by APT. It is mainly used in the production process of hydraulic fittings and assemblies, greatly improving the production efficiency and precision of nuts crimping.

The machine is mainly composed of three parts, actuator, sensor part and controller part. Through preset program instructions, it can be automatically operated and controlled by highly sensitive sensors and high-precision controllers without human intervention.

# MasterKam 3000



自动化胶管生产线 Automated Hose Assembly Production-line



## 主要特点 Features

自动化胶管总成生产线，是 APT 自主研发的第二代全自动化设备，主要应用于液压胶管总成生产，极大减少人工、降低成本及提高生产效率。

生产线内包括上料工序、定尺连续切割工序、剥胶工序、自动预装工序，视觉自动判别安装状态工序、自动扣压工序、自动监控扣压状态工序、自动贴标工序，自动下料输出工序，从胶管上料切割至成品下料过程中，全部采用自动化运行。

The automated hose assembly production line is the second generation of fully automated equipment independently developed by APT. It is mainly used in the production of hydraulic hose assemblies, greatly reducing labor, lowering costs and improving production efficiency.

The assembly production line includes the loading process, fixed-length continuous cutting process, hose skiving process, automatic pre-assembly process, automatic visual identification of installation status process, automatic crimping process, automatic monitoring of the crimping status process, automatic labeling process, and automatic blanking and output process. The entire process from hose loading and cutting to finished product unloading is automated.



# 胶管自动化生产工厂

Automatic Hose Production Factory

# 应用领域

Application Fields

打造胶管自动化生产工厂不仅提高生产效率和产品质量，降低成本并增强安全性。同时还能提供更快的投资回报率，让企业能够更好地满足客户需求，提升企业的竞争力。

Building an automatic hose production factory not only improves production efficiency and product quality, reduces costs and enhances safety, at the same time, it can also provide a faster return on investment, allowing companies to better meet customer needs and enhance their competitiveness.

APT 产品广泛应用于工程机械、石油装备、煤矿机械、海洋工程、冶金机械、港口机械、汽车工业、隧道机械、新能源等领域。

APT products are widely used in engineering machinery, petroleum equipment, coal mining machinery, marine engineering, metallurgical machinery, port machinery, automobile industry, tunnel machinery, new energy and other fields.



自动剥胶 Hose Skiving



接头预装 Fitting Inserting



视觉检测 Intelligent Checking



自动贴标 Assembly Marking



成品筛选 Assembly Screening



批量完成 Finished Products



工程机械 Engineering Machinery



石油装备 Petroleum Equipment



海洋工程 Marine Engineering



煤矿机械 Coal Mining Machinery



隧道机械 Tunnel Machinery



汽车工业 Automobile Industry

[www.aptmachine.com](http://www.aptmachine.com)