



For additional information, please contact :
Indonesia Agent :

Galaksi Metal Mesindo^{PT}
Complete Range Welding & CNC Cutting Equipment

Jakarta

Ruko Pulogadung Trade Centre Blok 8A no.22
Jl. Raya Bekasi Km. 21, Kawasan Industri PT. JIEP,
Jakarta Timur - Indonesia
Phone : (+62-21) 461-9808, 461-9809, 461-9810
Fax : (+62-21) 468-32726

Komplek Industri Greenland, Delta Mas
Jl. Greenland Boulevard
Blok AG no. 1 dan 2
Cikarang Pusat, Bekasi
Phone : (+62-21) 899-70616, 899-70617, 899-70618
Fax : (+62-21) 899-70620

Semarang

Kompleks Pertokoan Puri Anjasmoro
Blok H5, no. 54, Semarang
Phone/Fax : (+62-24) 7600-356

Surabaya

Ruko Permata Juanda
Blok A, no. 81-82, Semarang
Sedati Agung Sidoarjo 61253
Phone : (+62-31) 866-9258, 8677-782, 8677-942
Fax : (+62-31) 866-9257
surabaya@OtanoMulti.com

www.GALAKSI.OtanoMulti.com

Galaksi@OtanoMulti.com

GALAKSI.OTANOMULTI.com

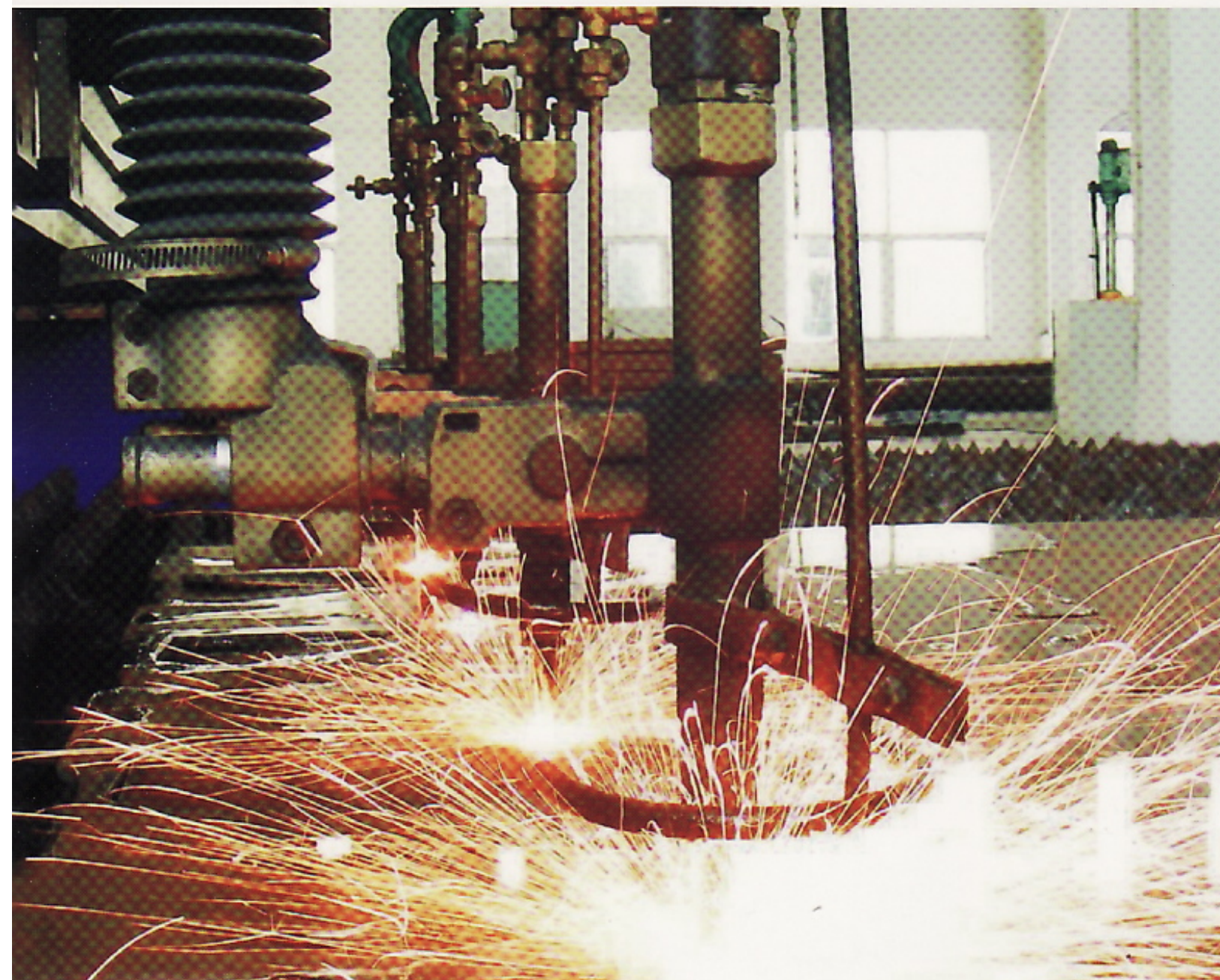


Galaksi Metal Mesindo^{PT}
Complete Range Welding & CNC Cutting Equipment

Hypertherm

海别得OEM 全球合作伙伴
Hypertherm OEM Global Partner

FineCut[®]



芬特机器制造(昆山)有限公司
FINECUT MACHINERY (KUNSHAN) CO.,LTD

Informasi ini dikeluarkan oleh: GALAKSI.OtanoMulti.com
untuk kepentingan *technical support* dan *customer* PT Galaksi Metal Mesindo.

数控火焰/等离子切割机

CNC Flame/plasma cutting machines

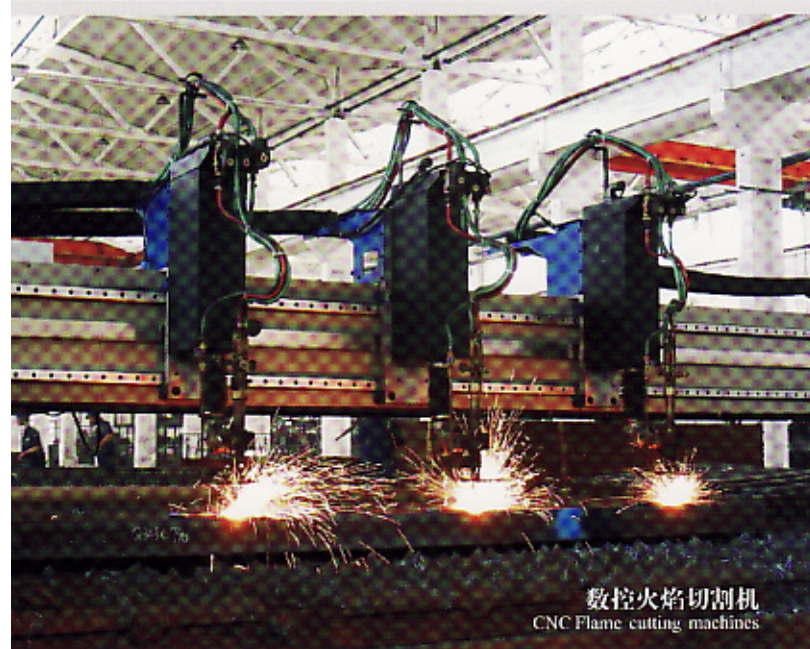
FineCUT is a middle size CNC cutting machine with precise structure. High cutting accuracy and product economic are perfectly combined for both oxyfuel and plasma applications.

FineCUT 是一种精密的数控切割机，是高切割精度和生产效率的完美结合，可适用于火焰和等离子切割。

Main specifications and types and work parameters 主要规格型号及工作参数

Gauge 轨距 (mm)	3000 3500 4000 4500 5000 5500 6000 7000 8000
Efficient longitudinal distance 纵向有效行程 (mm)	Gauge 轨距-700
Rail length 轨长 (mm)	According to customer's requirements 可根据用户要求配置
Efficient vertical distance 纵向有效行程 (mm)	Rail length 轨长-2500
Flame cutting speed 火焰切割速度 (mm/min)	50-750
Flame cutting thickness 火焰切割厚度 (mm)	6-300
Plasma cutting speed 等离子切割速度 (mm/min)	According to plasma power source 视等离子电源而定
Plasma cutting thickness 等离子切割厚度 (mm)	According to plasma power source 视等离子电源而定
Un-load speed 空程速度 (mm/min)	6000/12000
Cutting torch lifting distance 割炬升降距离 (mm)	170/200
Main supply voltage 电源	230VAC single phase 50HZ 230V单相、50赫兹
Capacitive height sensing 电容调高	Sensor OHC (optional选择项)
Arc height sensing 弧压调高	Sensor PHC、Command THC Arc gliode (optional选择项)

*Above two standard torchs, According to customer's requirements 上述为二组割炬的基本配置，实际割炬数量可根据用户要求配置



The SENSOR OHC-Oxy Height Control is an advanced, automated height control system for oxyfuel shape cutting applications. This product utilizes advanced capacitive sensing and micro processor technology to automatically detect the plate and maintain torch position at a desired set point during oxy fuel cutting operations. Microprocessor control for increased sensitivity and control.

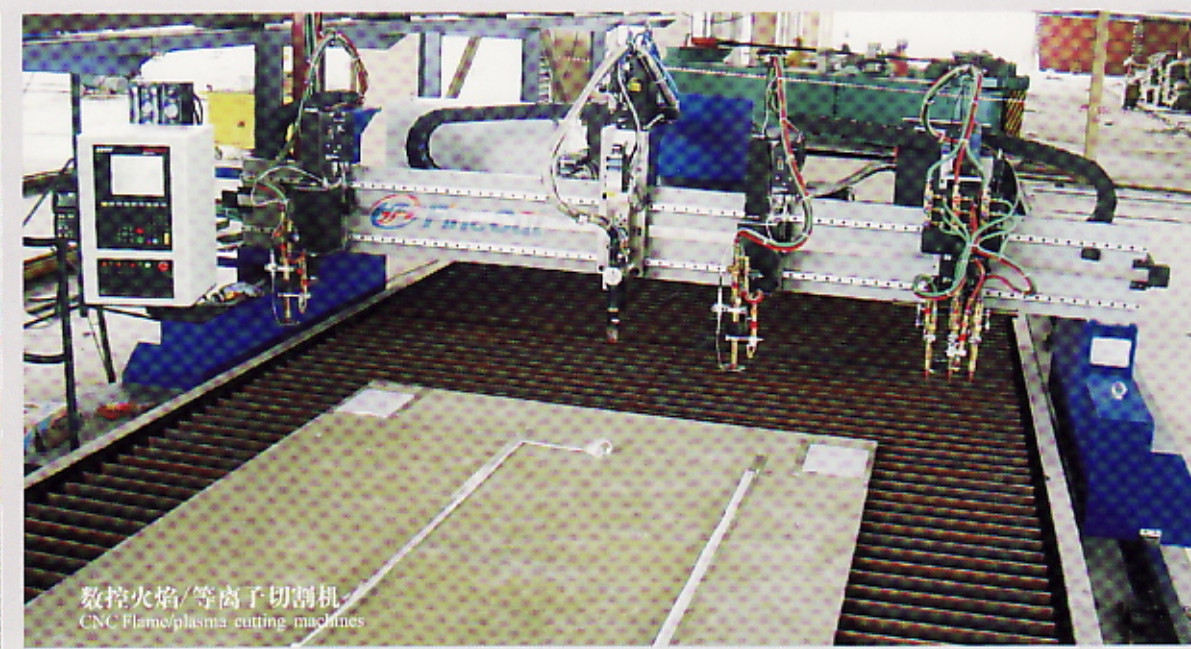
SENSOR OHC 是一款专为火焰切割机设计的电容式调高系统，在火焰切割时利用先进的电容控制技术和微处理器自动调整割炬和钢板之间的距离。



The SENSOR PHC (Plasma Height Control) is an advanced height control system providing exceptional performance and value for conventional plasma shape cutting applications. The SENSOR PHC utilizes arc voltage sensing and micro processor technology to automatically detect the plate and maintain torch position at a desired set point during plasma cutting operations.

Sensor PHC 是美国 Hypertherm Automation 最新推向市场的小型弧压高度控制器，连接方便，经济美观，可靠性高是其突出的优点，它利用先进的微处理技术和闭环弧压反馈可在切割过程中将割炬自动调整到所需高度。

Thickness: 1mm Copper, 1mm, 2mm, 6mm, 20mm, 25mm Stainless



双切割头数控精细等离子切割机

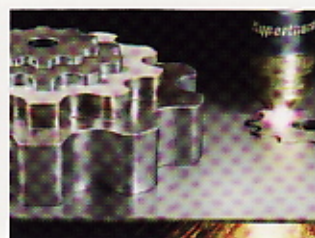
Dual fine plasma cutting machine

Dual fine plasma cutting machine is for construction machinery manufacturing industry, shipbuilding and manufacturing industries, pressure vessel manufacturing industry-specific design and manufacturing, the CNC plasma cutting machine is mainly used from HYPERTHERM EDGE CNC, PLASMA Plasma Cutting System, THC arc voltage control system for automatic lifting most advanced technology.mechanical parts use the German Neguart high-precision planetary gear and line rail.

精密数控等离子切割机，是为工程机械生产制造行业，造船生产制造行业，压力容器制造行业专门设计制造的，该精密数控等离子切割机主要使用从美国HYPERTHERM公司进口的EDGE数控系统，PLASMA等离子切割系统，THC切割枪头弧压自动升降控制系统等当今技术最先进的关键部件，机械部分采用德国公司的高精度行星齿轮减速机，以及直线运动导轨。

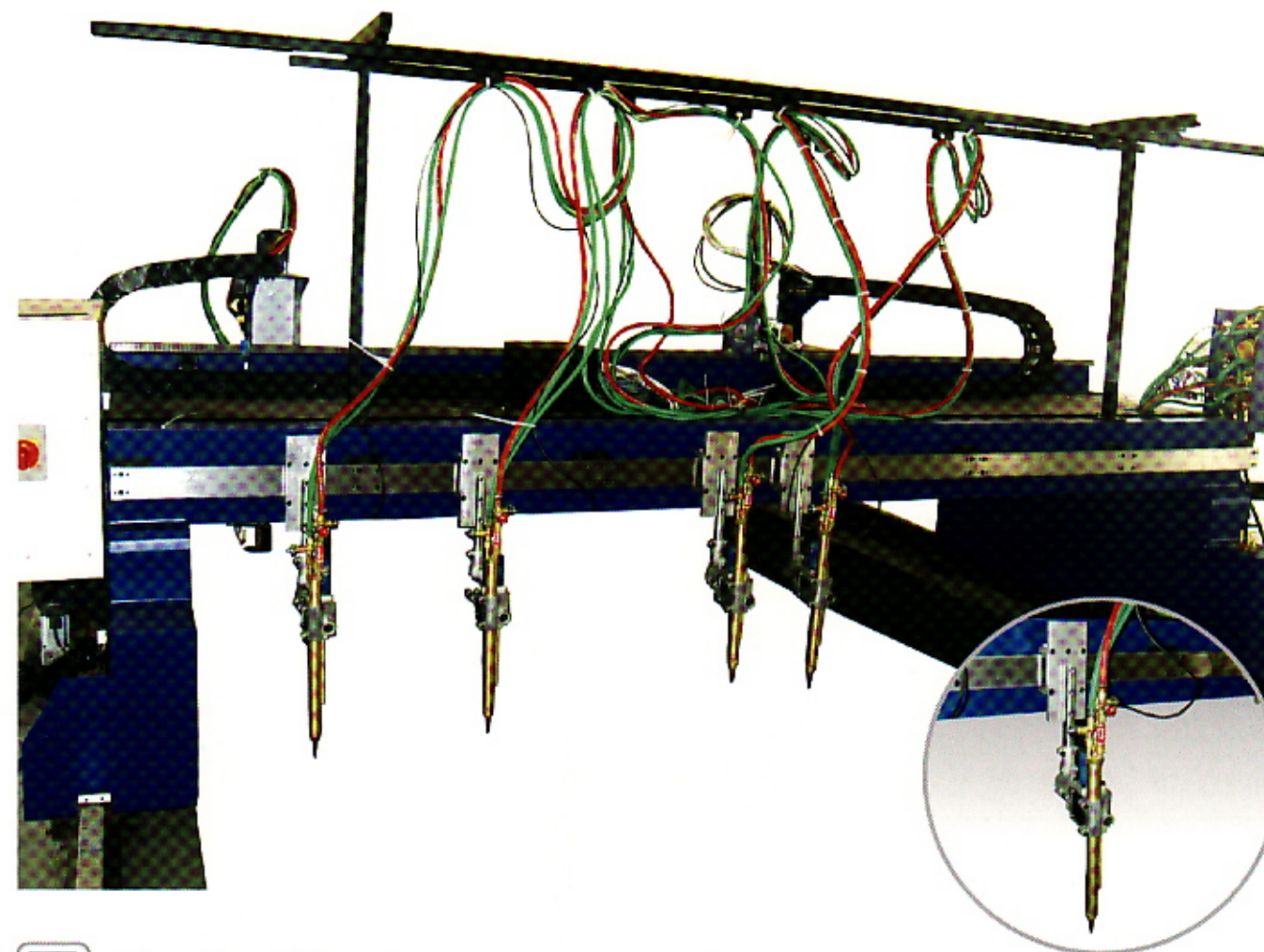


双切割头数控精细等离子切割机
Dual fine plasma cutting machine



直条切割机

Strip Cutting Machine



TurboNest

- 1) Simplify and intuitive interface
- 2) CAD Layer can be assigned for different type of CAD in DXF & DWG
- 3) Automatic assign cut sequence, leads-in /out, tool-paths.
- 4) Advanced Edit the profile, change and set the cut sequence, leads-in, tap, kerf, cut direction, enlarge, close open profile and delete the parts.
- 5) Explode and contain the multi-parts from CAD file
- 6) Plate setting for any rectangular or circular dimension
- 7) Custom Remnants setting for new part nesting
- 8) Interactive manual and automatic advanced true shape nesting
- 9) Able to Drag and Drop, Copy, Bump, Mirror and Rotate the part while nesting
- 10) Simple and powerful Common Line Cutting, Chain and Bridge cutting
- 11) Automatic assign the cut speed for different profiles, different Kerf compensation and automatic enable /disable the torch height control
- 12) Automatic Part ,Production Cost, Nest Utilization Calculation.

- ◇ 简化用户界面
- ◇ 可任意设置图元来导入不同的CAD (DXF,DWG) 和CNC 文件
- ◇ 能够自动生成切割路径，割缝，引入和引出线
- ◇ 可以对轮廓进行高级编辑，更改与设定切割序列，引线，断点，圆弧，割缝，放大/缩小零件，关闭不封闭轮廓和删除实体
- ◇ 能够将CAD 文件中的多个零件区分开来
- ◇ 可自己设置材料清单，添加任意数量的矩形或圆形板材尺寸
- ◇ 自定义余料用于创建新排料
- ◇ 交互式或自动优化套料
- ◇ 能够进行拖放，复制，选装，轮廓组合与陈列设置操作
- ◇ 简易共边，连割，桥接安排
- ◇ 可自动生成不同切割速度，割缝数据和自动控制弧压调高
- ◇ 能够自动完成零件，生产成本与排料利用率计算



GALAKSI.OTANOMULTI.com

台式切割机

Table type cutting machine

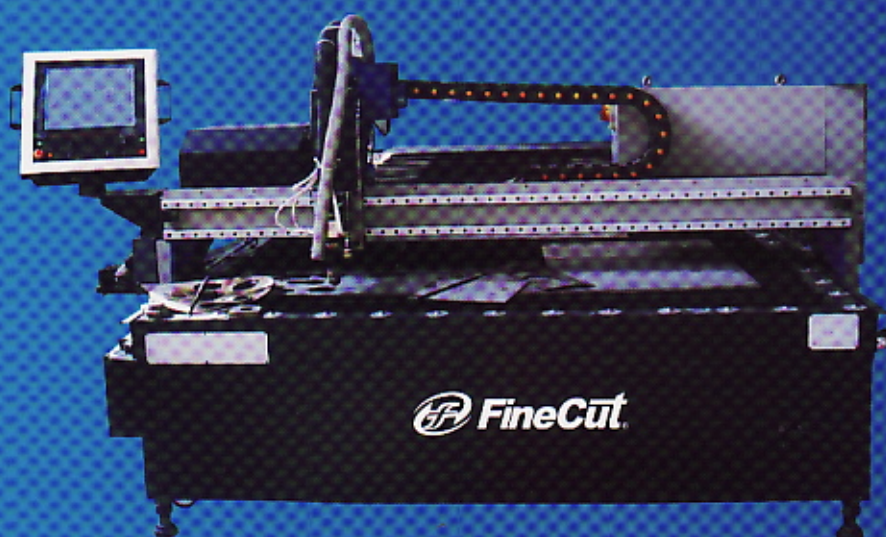
Table type cutting machine is one high speed CNC plasma cutting machine, convenient install and commissioning, and can fix the fume extraction system for protect environment.

台式切割机是一种高速等离子切割机, 安装调试简单方便, 同时可以配置抽风除尘装置系统从而达到环保作用



Technical Parameters 技术参数

Model 型号	200	250
Effective working length (mm) 有效切割长度	4000	3500
Effective working width (mm) 有效切割宽度	2000	2500
Drive speed 运行速度	50-12000mm/min	
No. of torches 割枪配置	Max. 1 最多1套	

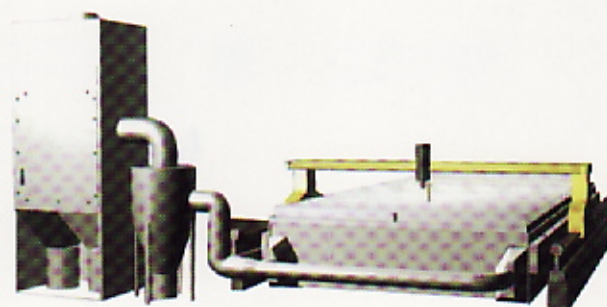


抽烟除尘

Fume extraction and dust removal:

Large quantities of iron and iron oxide dust as well as especially problematical CrNi dust are released during plasma cutting, these are captured by the ultra fine filter material. The efficiency can achieve 99.95%. The filter is kept functional with a self-cleaning device.

在等离子切割时, 会释放出大量铁, 氧化铁及有害的镍铬粉末, 这些粉末通过滤芯材料进行过滤, 效率可达到99.95%, 滤芯配有自动清洁装置。



GALAKSI.OTANOMULTI.com

数控切割系统

Control systems for cutting machines

MicroEDGE

MicroEDGE is the most advanced NC system developed on the basic of EDGE. MicroEDGE adopts the advanced digital signal processing (DSP) control technology and industrial control computer, ensure high reliability and stability of the system. The operating system of MicroEDGE is Windows XP in Chinese language, in addition to that, MicroEDGE has an easy-to-operate human machine interface.

Cutting database (Oxyfuel / plasma) with photographic consumable and part number display avoids tedious searching in consumables lists.

MicroEDGE 是在EDGE 基础上开发的数控切割系统, 他采用了先进的DSP 轴控制技术和工业控制计算机, 有效的保证了系统的高可靠性和稳定性。操作系统为Window XP, 全中文显示具有良好的图文人机界面。

带易损件的图文显示的切割数据库(氧燃气/等离子切割)使操作简单、直观、快捷。



EDGE Pro

EDGE Pro NC system is the most advanced one developed by Hypertherm corporation USA on the basic of windows interface for plasma, flame, laser and high-pressure water cutter. The interface design cutting speed and motion control of this system adapt the newest technology. It features powerful function and convenient operation. It is the most intellectualized system in cutting process.

EDGE Pro 数控系统是海宝公司专为等离子、火焰、激光、高压水切割机开发的建立在Windows 界面上的最先进的数控系统。该系统的界面设计、切割速度和运动控制采用了最新技术, 功能强大, 操作方面, 是切割加工中最具智能化的系统。



BURNY 10LCD PLUS

The BURNY 10 LCD plus has taken the next step in PC-based shape-cutting motion control. The PLUS is an industrial grade PC, designed to operate in extreme shop environments where temperature and humidity extremes, metal dust, RF radiation, vibration and constant machine movement are commonplace. It is easy to learn, easy to use, and allows multiple control and program tasks to be completed simultaneously.

The BURNY 10 LCD PLUS produces extremely precise and repeatable motion control by utilizing windows XP Embedded (operating system) and Venturcom RTX (real-time motion control).

BURNY 10 LCD plus 是基于PC-based 基础开发的图形切割控制系统。

该系统是工业级的PC, 在高温、高湿度金属粉尘、高频干扰、震动等极其恶劣的工作环境下都能正常运行, 它容易操作和掌握, 带有多任务处理功能, 切割和编程可同时进行。

基于Window XP Embedded 版本和实施的运动控制使该系统具有极其精度和可重复运动功能。





等离子电源 Plasma power

Non-alloy steels 低碳钢
Alloy Steels 不锈钢
Aluminium 铝
All three types of material 三类材料均可
Underwater cutting 水下切割

Recommended Cutting range
推荐切割范围
Minimum 最薄 Maximum 最厚

System 系统	Power and gases supplies 电源及气体供应	Plate thicknesses 板厚 (mm)															
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	80	100/120/150
Hypertherm Power MAX1250 High-performance portable Plasma cutting system 高性能便携式等离子切割系统	Power: 12kW Current: 25-80amps (stepless) Gases: compressed air 电源: 12KW 电流: 25-80amps (无级调节) 气体: 压缩空气																
Powder MAX1650 Plasma cutting system 等离子切割系统	Power: 16KW Current: 30-100amps (stepless) Gases: compressed air 电源: 16KW 电流: 30-100amps (无级调节) 气体: 压缩空气																
MAX200/HT2000 Plasma cutting system 等离子切割系统	Power: 30kW Current: 40-200amps (stepless) Gases: compressed air (Gas options: Argon, Hydrogen, Nitrogen) (选择气体: 氩, 氢, 氮)																
HPR130 Finest plasma cutting system 精细等离子切割系统	Power: 19.5kW Current: 30-130amps (stepless) Gases: Argon, compressed air (Gas options: Nitrogen, Mixture Hydrogen and Argon) 电源: 19.5KW 电流: 30-130amps (无级调节) 气体: 氩, 压缩空气 (选择气体: 氩, 氮, 氩氮混合气)																
HPR260 Finest plasma cutting system 精细等离子切割系统	Power: 45.5kW Current: 30-260amps (stepless) Gases: Argon, compressed air (Gas options: Nitrogen, Mixture Hydrogen and Argon) 电源: 45.5KW 电流: 30-260amps (无级调节) 气体: 氩, 压缩空气 (选择气体: 氩, 氮, 氩氮混合气)																
HT4001 Long-life plasma cutting system 长寿命等离子切割系统	Power: 80kW Current: 100-400amps (stepless) Gases: Oxygen, Nitrogen Parallel connection: 150kW (750amps) With Nitrogen or high current with Argon/Hydrogen as per 501 values 电源: 80KW 电流: 100-400amps (无级调节) 气体: 氧气, 压缩空气 并联: 150KW (750amps) 大电流用氮气或氩氮混合气																
HT4400 Long-life plasma cutting system 长寿命等离子切割系统	Power: 80kW Current: 400amps (stepless) Gases: Oxygen, Nitrogen 电源: 80KW 电流: 400amps (无级调节) 气体: 氧气, 氮气																
PA-S 45/Fine Focus450 Plasma cutting system 精细等离子切割系统	Power: 30kW/34kW Current: 40-130amps (stepless) Gases: Argon, Hydrogen, Nitrogen Compressed air, Oxygen 电源: 30kW/34KW 电流: 40-130amps (无级调节) 气体: 氩, 氢, 氮, 压缩空气, 氧																
Fine Focus 800 Plasma cutting system 精细等离子切割系统	Power: 83kW Current: 80-300amps (stepless) Gases: Argon, Hydrogen, Nitrogen Compressed air, Oxygen 电源: 83KW 电流: 80-300amps (无级调节) 气体: 氩, 氢, 氮, 压缩空气, 氧																
Fine Focus 1600 Plasma cutting system 精细等离子切割系统	Power: 168kW Current: 160-600amps (stepless) Gases: Argon, Hydrogen 电源: 168KW 电流: 160-600amps (无级调节) 气体: 氩, 氢																
HiFocus 100 Plasma cutting system 精细等离子切割系统	Power: 32kW Current: 20-130amps (stepless) Gases: Oxygen, Air, Nitrogen Argon, Hydrogen 电源: 32KW 电流: 20-130amps (无级调节) 气体: 氧, 空气, 氮, 氩, 氢																
HiFocus 160i Plasma cutting system 精细等离子切割系统	Power: 38kW Current: 10-160A Gases: Oxygen, Air, Nitrogen Argon, Hydrogen 电源: 38KW 电流: 10-160A 气体: 氧, 空气, 氮, 氩, 氢																

Dark color: quality cut range
深色: 质量切割范围
Light color: max cut range
浅色: 最大切割范围



Powermax 1650



HPR Plasma system



HySpeed Ht2000



HiFocus 100

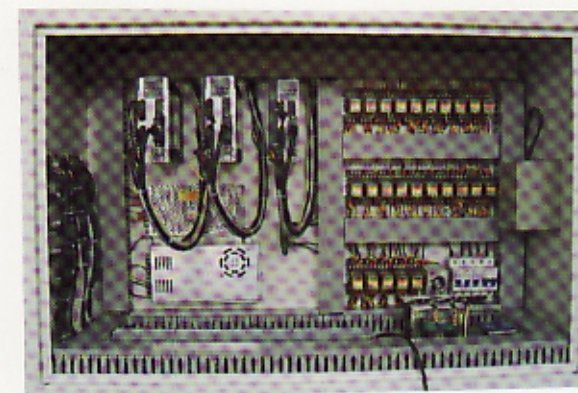


FINEFocus 800



Ultra Cut 400

主要配件与电气元件 Main parts



Electrical Cabinet 电柜

Optimize your plasma investment with superior torch height control

The ArcGlide THC builds on more than 40 years of Hypertherm's experience in the cutting industry. Designed to deliver optimized performance with minimal operator input, the ArcGlide THC provides superior performance and reliability for plasma applications while reducing the cost of cutting.



Remote Terminal



Linear Drive



公司部分客户 Part of the company customers

- 中国第一重型机械集团公司
- 中国第二重型机械集团公司
- 中国水利投资集团西安风电设备股份有限公司
- 中钢集团邢台轧辊机械股份有限公司
- 中意泰达(营口)汽车保修设备有限公司
- 徐工集团徐州工程机械科技股份有限公司
- 江苏德力特种钢结构有限公司
- 合肥锻压机床制造有限公司
- 东方电气集团东方汽轮机有限公司
- 成都泰源机械制造有限公司
- 宇热工业炉(上海)有限公司
- 亿阳钢杆(上海)有限公司
- 上海应达风机有限公司
- 太原钢铁集团有限公司
- 烟台来福士海洋工程有限公司
- 兖矿集团大陆机械有限公司
- 山东东宇工程机械有限公司
- 山东济宁银钢机械有限公司
- 山东潍坊福安机械有限公司
- 山西奥瑞特健康产业股份有限公司
- 郑州宇通重工有限公司
- 河南奔马股份有限公司
- 新乡西玛鼓风机有限公司
- 中国建材轻工机械集团安阳机械厂
- 中国南车集团戚墅堰机车车辆有限公司
- 常州戚墅堰东南机车车辆有限公司
- 镇江华晨华通路面机械有限公司
- 昆山大庚不锈钢有限公司
- 昆山华恒焊接股份有限公司
- 昆山宏升电子有限公司
- 江苏海狮机械集团有限公司
- 浙江同力重型机械制造有限公司
- 浙江内曼格冶金设备制造有限公司
- 嘉兴市圣茂机械设备有限公司
- 广东东莞市恒奥达热能科技有限公司



For additional information, please contact :
Indonesia Agent :

Galaksi Metal Mesindo^{PT}
Complete Range Welding & CNC Cutting Equipment

Jakarta

Ruko Pulogadung Trade Centre Blok 8A no.22
Jl. Raya Bekasi Km. 21, Kawasan Industri PT. JIEP,
Jakarta Timur - Indonesia
Phone : (+62-21) 461-9808, 461-9809, 461-9810
Fax : (+62-21) 468-32726

Komplek Industri Greenland, Delta Mas
Jl. Greenland Boulevard
Blok AG no. 1 dan 2
Cikarang Pusat, Bekasi
Phone : (+62-21) 899-70616, 899-70617, 899-70618
Fax : (+62-21) 899-70620

Semarang

Kompleks Pertokoan Puri Anjasgoro
Blok H5, no. 54, Semarang
Phone/Fax : (+62-24) 7600-356

Surabaya

Ruko Permata Juanda
Blok A, no. 81-82, Semarang
Sedati Agung Sidoarjo 61253
Phone : (+62-31) 866-9258, 8677-782, 8677-942
Fax : (+62-31) 866-9257
surabaya@OtanoMulti.com

www.GALAKSI.OtanoMulti.com

Galaksi@OtanoMulti.com

GALAKSI.OTANOMULTI.com

