

## Precision Plasma Manual 2 Construction

### **Precision Plasma Manual 2 Construction**

Precision Plasma Manual 2 Construction 1. Purchase a Magnum 7 gantry kit from Precision Plasma LLC 2. Purchase a Bladerunner 620-4 control package with optional Z axis from candcnc.com 3. Purchase steel from your local supplier. (material list supplied on Magnum 7 page) 4. Fabricate frame/gantry and assemble table following prints on Magnum 7 ...

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Precision Plasma Electronic Flow Control Table of Contents Section 4 Operation 4.1 Power Supply Controls 4.1.1 Main Power Switch 4.1.2 Pilot Arc Switch 4.1.3 Fault Indicator Lights 4.1.4 Meters 4.1.5 Current Control Switch 4.2 Cut Quality 4.2.1 Introduction 4.2.2 Cut Angle 4.2.3 Cut Flatness 4.2.4 Surface Finish 4.2.5 Dross...

### **ESAB Precision Plasmarc Installation, Operation And ...**

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2. Pacific Bearing IVTAAQR linear rail with (4) bushings and bearings. 3. Gear rack and gears for both axis with 3M moulding tape for attaching. 4. Belt reduction timing sprockets and belts, shafts, and bearings. 5. 16 bearing assemblies for running the length of the table on the cold rolled steel. 6.

## **Precision Plasma LLC**

A more cost effective option is to use (2) 24V power supplies. Use one to power the Proma controller and use the pair wired in series to provide the 48VDC power to the motor drives. This power supply is 360 watts and costs \$19 on Amazon.com with free shipping. The (2) power supplies then provide 720 watts of power. The maximum

## **Precision Plasma LLC**

Precision Plasma LLC does not sell electronics due to the limitations of our product liability insurance. There are 2 main sources for control packages, sparkrobotic.com and candcnc.com. For a plasma only system, Spark Robotic has a system that easily recovers from a partially cut part. If you need

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### **Precision Plasma LLC**

MicroCut™ 875SC v2 Plasma Cutter—Manual Product # MC875SC2 Includes: 20' Plasma Cutting Hand Torch, 10' Ground Clamp Does Not Include: Welding Cart, Plasma Cutting Torch Consumables/Parts, Air Dryer. Regular price List \$2,185.90 Our Price: \$1,744.95 You Save: \$440.95!

### **MicroCut™ 875SC v2 Plasma Cutter—Manual - HTP America ...**

In order to prevent a false trigger when firing the plasma torch, shielded wire should be used and wired per the Proma manual. A small junction box can be added at the Z axis to wire the leads from the proximity sensors and then run shielded wire back to the control

### **Precision Plasma LLC**

Description: The Raptor machine is a precision plasma cutting machine that supports up to 2 plasma torches for applications involving a wide-variety of tough steel cuts, from 3.2" thick mild steel and up to 6.25" stainless steel or aluminum. This plasma cutter for CNC serves the following industries: steel service centers, steel fabrication, automotive, construction, mining, heavy equipment ...

### **Plasma Cutting with the Raptor Cutting System | Cutting ...**

Raptor CNC. The Raptor machine is a precision plasma cutting machine that supports up to 2 plasma torches for applications involving a wide-variety of tough steel cuts, from 3.2" thick mild steel and up to 6.25" stainless steel or aluminum. This plasma cutter for CNC serves the following

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industries: steel service centers, steel fabrication, automotive, construction, mining, heavy equipment ...

### **Plasma, Laser, and Oxy-Fuel Cutting Machines | Cutting ...**

The Phoenix CNC Plasma Cutter is manufactured using the industry high quality components, and is all steel construction. The Phoenix CNC Plasma is driven by brushless drive motors. Key features include THK linear guide rails and bearings, and precision helical rack and pinion with precision gear motors directly coupled to the helical pinion.

### **CNC Plasma Cutters : CNC Routers - CNC Plasma Cutters ...**

Page 2 This Operating Manual has been designed to instruct you on the correct use and operation of your Thermal Dynamics product. Your satisfaction with this product and its safe operation is our ultimate concern.

### **THERMAL DYNAMICS ULTRA-CUT 300 OPERATING MANUAL Pdf ...**

Precision Plasma LLC is a company with a philosophy of providing low cost tables to hobbyists and small business owners. By providing only the mechanical system, it allows the consumer the ability to choose the electronics and software packages to best suit their needs and budget. It also allows for the ultimate cost of the complete package to be less than if everything was purchased from a ...

### **Precision Plasma > Precision Plasma LLC History**

The MPC2000 is a multi-process Messer cutting machine that can be equipped with multiple carriages up to five separate processes including precision plasma, oxyfuel, 2" drilling, marking pipe and tube cutting, and fiber laser/plasma combination. The MPC2000 features enhanced linear ways, long-life band drives and larger end trucks.

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### **CNC Precision Plasma Cutting Machines | Modern Machinery ...**

For example, 10-gauge cold-rolled steel sheet that's cut with a high-precision plasma torch yields a part with an accuracy of  $\pm 0.012$  in. It wasn't that long ago that plasma cutting was the domain of seasoned metal fabrication veterans who knew just how to tweak gas settings and adjust torch height to get the best cut on a plasma cutting table.

### **Plasma Cutting: Then and now - The FABRICATOR**

- Welded Steel Construction - X,Y axis travel on precision linear rail guides - Axis speed 30m/min with AC Servo motors - High accuracy 0,01mm - High precision plasma cutting technology - Cutting plate Alignment by laser - Tecnos PC12 Control Unit - Lantek Expert Cut II Software - Plasma Torch - Ignition Console

### **JMT PS Plasma Series - JMT**

Precision Plasma LLC is pleased to announce the release of a new 26" x 36" DIY plasma table. Precision Plasma LLC is working on providing low cost, high quality CNC plasma tables for the hobbyist and small business owners. We only provide the mechanics of a system which allows the end user to choose the electronics and software that meet their needs.

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