

PRECISION PLASMA LLC GANTRY KITS



Precision Plasma LLC offers 7 different size gantry kits for the DIY CNC plasma table builder. Gantry kits are provided without frames and do not include motors, electronics, tables or slats.

SIZES AVAILABLE

The sizes below are of minimum travel.

2X2, 2X3, 3X4, 4X4, 5X5, 4X8, 5X10

Z AXIS

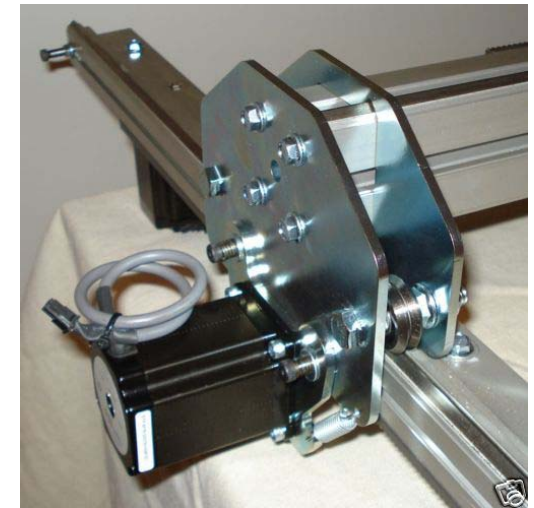
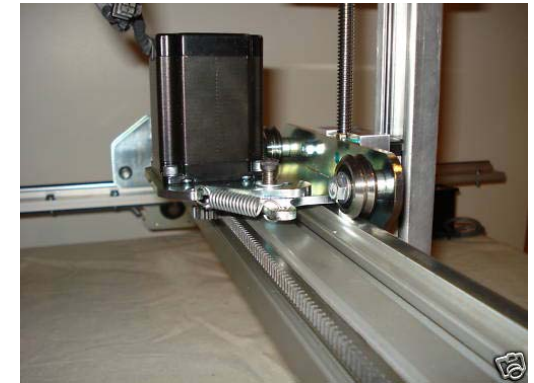
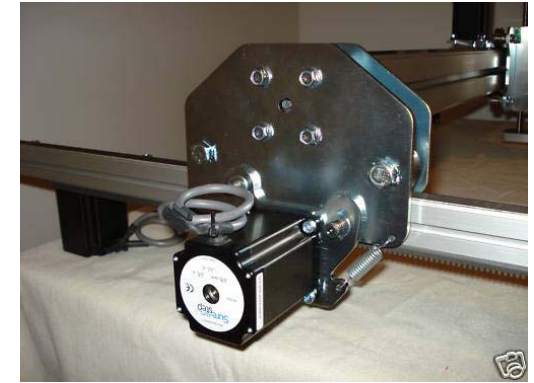
All gantry kits include a 5" travel Z axis with integrated "floating" switch for "touch-and-go" plasma cutting. A 1" clamp collar is provided for mounting the torch. Your torch may require a bushing or modification to the Z axis for mounting. The motorized Z axis can be converted to a manual axis by removing the motor mount and replacing it with a knob.



3/8-12 lead screw is standard. 3/8-10 (2) start lead screw is optional for an additional \$100 . (5 turns per inch of travel)

STANDARD GANTRY

The standard gantry is the most popular product for Precision Plasma LLC. It also has the most versatility since there is an optional 2:1 belt reduction unit that can be added to replace the standard direct drive motor mount.



Precision Plasma LLC reserves the right to modify machines and pricing.



2:1 belt reduction unit

Add \$500 for the optional set of (3) belt reduction units. It is highly recommended to be used on tables that will utilize an oxygen and acetylene cutting torch.



Z axis accepts both handbeld and machine torches. Torch is easy to remove.(designed specifically for handbeld torch to reduce costs)



ELECTRONICS

We highly recommend that you purchase an electronics package with technical support in order to guarantee the success of your CNC table build. A complete package which is compatible with all of the Precision Plasma LLC gantries is the **Bladerunner AIO 300-4** from **candcnc.com**. (300 in-oz motors)



We do not sell or support the electronics and software for CNC plasma tables. You must purchase the electronics package directly from another manufacture and contact them with all of your support questions.

The cost of a (4) motor Bladerunner package from candcnc.com is \$875. A package with the additional Dragon Cut digital torch height control is \$1350.

Precision Plasma LLC gantries are also compatible with the 620 in-oz motors with 3/8" shafts. Please specify the shaft size at the time of ordering if 3/8" components are required.

SOFTWARE

EMC is a free, open source machine control software which runs on Linux and is compatible with the candcnc.com controls. The more preferred option is to use **Mach 3** for running the table and **SheetCAM** for programming the parts.



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