

ADVANCED CUTTING SYSTEMS

SPRINT PORTAL PROFILE CUTTING MACHINE



The Sprint is a high speed dedicated plasma profile cutting machine

Twin side longitudinal and transverse AC brushless drives

Burny 2.5+ or Burny 10 LCD microprocessor with RS232 / 422 serial port

Pedestal mounted operator's control panel

Integral fume extraction work table with fume extraction outlet

Plate widths of 1500mm or 2000mm

Working lengths of 3000mm or 4000mm

Speed range of up to 20000mm per minute

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SPRINT CN PORTAL

SPECIFICATION:

This robust and precision manufactured portal machine is designed to run at speeds of up to 20 metres per minute. It is ideal for plasma cutting and can be used for cutting a wide range of materials. The machine equally is capable of high speed duct type work, or heavy duty thick material. Special features are the unique floating beam design used on the larger Silhouette, and the integral work table with connection point for fume extraction.

MACHINE CONSTRUCTION:

Manufactured from substantial rectangular section providing maximum rigidity with vibration free high speed travel. Extruded aluminium rails, high quality belt drive with sealed bearings and accurate assembly, ensures minimum wear for long production cycles with low maintenance related down time. Accuracy is such that high density plasma systems can realise their maximum potential.

DRIVE SYSTEM:

AC brushless drives for smooth and accurate travel at high speeds and final transmission via heavy duty gearboxes. Longitudinal drive is twin side using split drive shafts.

RUNNING TRACK:

Extruded aluminium mounted "V" track of an accuracy of 0.2mm over the full length of the machine.

CONTROL PANEL & CNC UNIT:

A combined simple to use direct function control panel for plasma cutting with a Burny 2.5+ or Burny 10 unit having a non-volatile part storage memory and a built in library of 50 commonly used shapes. Audio indication when keys are pushed, selectable kerf compensation, automatic lead-in and lead-out, chain cutting, step and repeat, create / edit programme scaling, mirror imaging, rotation, automatic plate alignment are just some of the many standard and optional features. Complete with RS232 serial communications port.

MACHINE SIZES	1500	2000
Cutting width	1500mm	2000mm
Cutting Speed	20,000mm per minute	20,000mm per minute
Track Length (basic)	4,000mm	4,000mm
Cutting Length	3,000mm	3,000mm
Connection Voltage	220/240V	220/240V
Input power	1000VA	1000VA
Overall Width	2,000mm	2,500mm

OPTIONAL EQUIPMENT

Automatic torch height control