

DigiCut



Model DGH

CNC Oxyfuel & Plasma Profile cutting Machines



SPARKLINE WELDERS

Welding Machines Manufacturer

ISO 9001 : 2008 Company

FEATURES

- Industrial Grade CNC Controller with high speed DSP
- USB Port for Program transfer
- Large inbuilt memory for program storage
- Standard Shape Library
- Basic grid nesting on the CNC
- Easy access control panel switches



- Driven with Dual Drive (Y) Servo System with Precision Planetary gearbox with Anti Backlash mechanism



- Dual cutting Stations Oxyfuel and Plasma
- Automatic Arc Voltage Torch Height Controller (For Plasma) for fully automated operation

- Precision Rack & Pinion Drives on X and Y Axis



- High Quality rails ensure stable and high speed performance



ASSEMBLY LINE

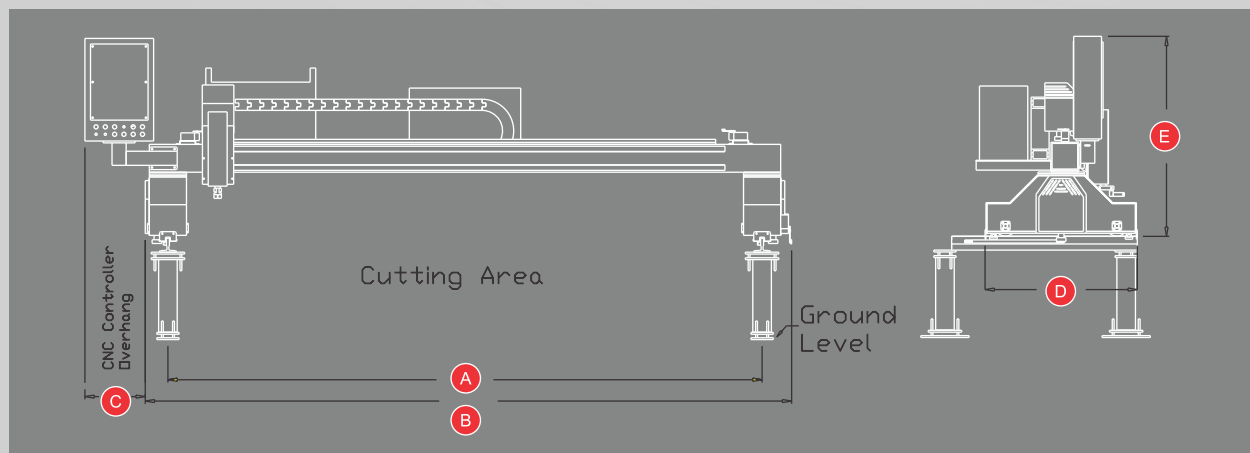


Technical Specification

Major Specifications

Servo System	400w (Panasonic / Fuji) - 3 Nos
Reducer	Shimpo (Japan) 25:1 Precision Planetary Reducer
Drive	Dual Drive Rack Pinion on Y Rack and Pinion on X
Rack	1.5module Hardened Rack
Controller	10" LCD Controller
Cutting Stations:	Total 2 1 Plasma station with Arc Voltage Height Controller 1 Oxyfuel cutting station
Cutting speed	100-4000 mm / minute
Traverse Speed	Upto 8000 mm / minute
Kerf Compensation	0 to 15mm
Plasma Power Source	As Per Customers Choice
Plasma Height Controller	Digicut Plasma Arc Voltage based height controller
Nesting Software	FastCam Standard / Most2D

Machine Dimensions



Dimension/Model	DGH1500	DGH2500	DGH3500
Effective Cutting Width	1500	2500	3500
Cutting Length	3000mm / 6300mm / 12000mm (As pre requirement)		
Cutting Stations	2- 1 Plasma / 1 Oxyfuel	2- 1 Plasma / 1 Oxyfuel	2- 1 Plasma / 1 Oxyfuel
Track Gauge-A	2200mm	3200mm	4200mm
Overall Width-B	2480mm	3480mm	4480mm
CNC Overhang-C	325mm / 348mm (as Per CNC Model)		
Machine Width-D	820mm		
Machine Height-E	1080mm / 962mm (As per CNC Model)		

OTHER MODELS

Digicut Portable Profile Cutting Machine



Model DGP

- Economically Priced and Low Operating and Running cost
- Standard size : 1500mm x 2400 with Oxyfuel Cutting Torch
- Rail Extendable on request
- Industrial grade 7" CNC Controller with USB port for easy program transfer
- Light weight - can be relocated on the plate to be cut (on site work)

Digicut Light Gantry CNC Profile Cutting Machine



Model DGL

- Light weight gantry driven by Dual Drive Stepper System
- Recommended for thin sheet cutting using Plasma (High Speed cutting)
- Economically Priced, 7" & 10" CNC Controller options
- Available with Digicut Arc Voltage Plasma Torch
- Height Controller for Plasma Cutting
- Standard size : 1500mm x 3000 mm (Rail Extendable)
- Upto 2 cutting stations (Oxyfuel & Plasma)

In view of continuous Development, We reserve the rights to modify the design, specifications and or dimensions without notice.

SPARKLINE WELDERS

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