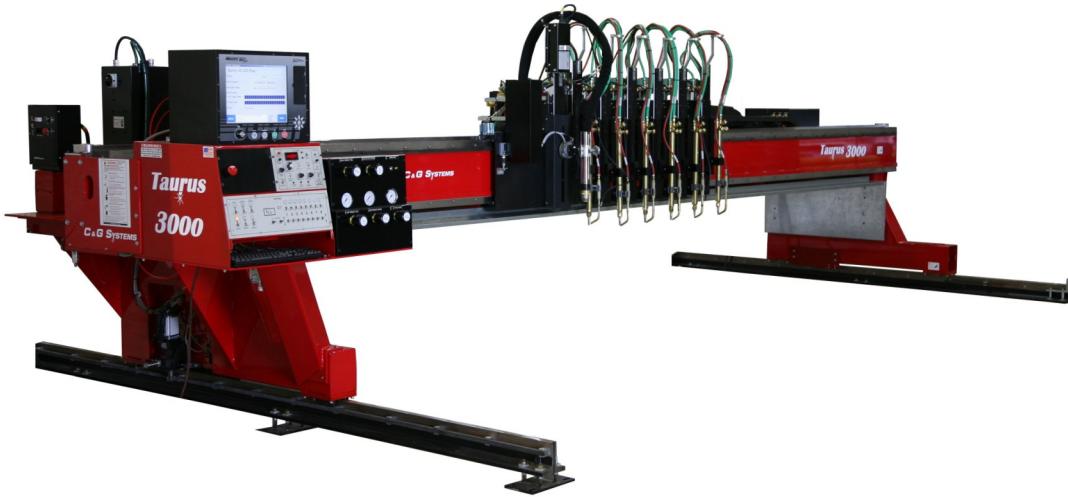
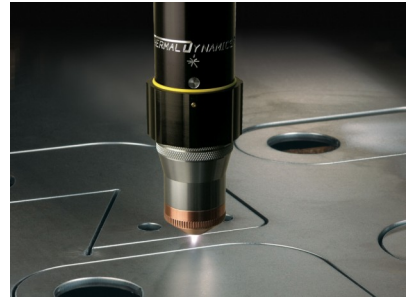


C & G SYSTEMS



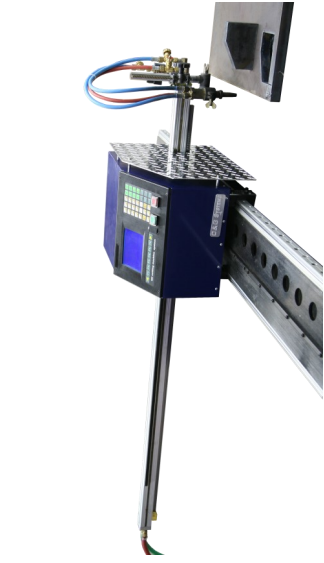
2012 Q2
Specifications



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Precision Cutting Systems Since 1968.

CONVENTIONAL & PRECISION PLASMA



SHUTTLE

- Self-Contained, Full Function CNC
- Plasma & Oxy-Fuel Capability
- Portable
- Economical



AVIATOR SSD

- Single-Side Drive
- Up To 200 Amps Conventional Plasma
- Oxy-Fuel Capability
- Independent Or Unitized Table
- Field Upgradeable to Dual Side Drive



AVIATOR DSD / DXD

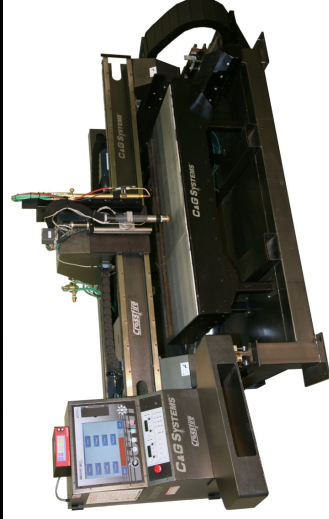
- Economical Precision Cutting System
- Dual-Side Drive
- Up To 260 Amps Precision Plasma
- Oxy-Fuel Capability
- **DXD** Models Configured with *Hypertherm Rapid Part* and *True Hole Technology* Standard

PRECISION PLASMA & HEAVY OXY-FUEL



CHALLENGER DSD / DXD

- Dual-Side Drive
- Heavy-Duty Design
- High Production Applications
- Up to 5 Plasma & Oxy-Fuel Stations
- **DXD** Models Configured with *Hypertherm Rapid Part* and *True Hole Technology* Standard



CROSSFIRE

- Precision Dual-Side Drive
- 100% Duty-Cycle Applications
- Up to 5 Plasma & Oxy-Fuel Stations
- Power Supplies Up To 800 Amps
- Floor or Pedestal Mounts



TAURUS

- Large Format Applications
- 100% Duty-Cycle Rated
- Up To 10 Plasma & Oxy Fuel Stations
- Power Supplies Up To 1,000 Amps
- Floor or Pedestal Mounts
- Highly Customizable

2012 Q2	SHUTTLE	AVIATOR SSD	AVIATOR DSD/DXD *	CHALLENGER DSD/DXD *	CROSSFIRE	TAURUS
Machine Sizes	Portability	Unitized or Free Standing	Unitized or Free Standing	High Production	Precision, 100% Duty Cycle	Large Format, 100% Duty Cycle
Width	49" 1.2m	4', 6" 1.2m, 1.8m	4', 6', 8' 1.2m, 1.8m, 2.4m	6', 8', 10' In Standard Increments 1.8m, 2.4m, 3m In Standard Increments	6' to 12' In Standard Increments** 1.8m to 3.7m In Standard Increments**	8' to 26' In Standard Increments** 2.4m to 7.9m In Standard Increments**
Length	78" (Extend to 118", 156", or 197") 2m (Extend to 3m, 4m, or 5m)	4', 8', 12' (Extend up to 20') 1.2m, 2.4m, 3.7m (Extend to 6.1m)	4', 8', 12' (Extend up to 28') 1.2m, 2.4m, 3.7m (Extend to 8.5m)	12' (Extend in 4', 8' or 16' Increments up to 52') 3.6m (Extend in 1.2m, 2.4m, or 4.9m Increments up to 15.9m)	12' (Extend in 4', 8' or 16' Increments up to 150') 3.6m (Extend in 1.2m, 2.4m, or 4.9m Increments up to 45.7m)	12' (Extend in 4', 8' or 16' Increments up to 150') 3.6m (Extend in 1.2m, 2.4m, or 4.9m Increments up to 45.7m)
Cutting Stations						
Maximum Stations	1	2	3	5	5	10
Plasma	1	1	1	Up To 2	Up To 2	Up To 4
Oxy Fuel	1	1	1 or 2	Up To 4	Up To 4	Up To 8
Marking Stations	N/A	1	1	1	1	1
Automatic Ignition	N/A	Available	Available	Available	Available	Available
Power Supplies						
Plasma	Up To 100 Amp Conventional Plasma	Up To 200 Amp Conventional Plasma	Up To 260 Amp Conventional or Precision Plasma	Up To 400 Amp Conventional or Precision Plasma	Up To 400 Amp Plasma	Up To 1,000 Amp Plasma
Controls						
Standard	C&G 32-Bit CPU	Hypertherm EDGE-Ti	Hypertherm EDGE-Ti	Hypertherm EDGE-Ti	Hypertherm EDGE-Pro	Hypertherm EDGE-Pro
Options		Burny Phantom ST	Hypertherm EDGE-Pro, Burny 10 LCD Plus	Hypertherm EDGE-Pro, Burny 10 LCD Plus	Burny 10 LCD Plus	Burny 10 LCD Plus
Height Control	Integrated	Integrated, Hypertherm, Inova	Integrated, Hypertherm, Inova	Hypertherm, Inova	Hypertherm, Inova	Hypertherm, Inova
Drive System						
Motors	Single Side Drive	250 Watt Single Side Drive****	250 or 400 Watt Dual Side Drive	250 or 400 Watt Dual Side Drive	750 Watt Dual Side Drive	750 Watt Dual Side Drive
Type	Stepper or Servo	DC, DC Brushless, AC Servo	DC Brushless, AC Servo	DC Brushless, AC Servo	AC Servo	AC Servo
Amplifiers					Optional SERCOS	Optional SERCOS
Positional Accuracy		+/-0.030 (+/-0.76mm)	+/-0.010 (+/-0.25mm)	+/-0.010" (+/-0.25mm)	+/-0.010" (+/-0.25mm)	+/-0.010" (+/-0.25mm)
Repeatability		+/-0.015 (+/-0.38mm)	+/-0.002 (+/-0.05mm)	+/-0.002" (+/-0.05mm)	+/-0.002" (+/-0.05mm)	+/-0.002" (+/-0.05mm)
Rapid Traverse		0-500 IPM (4m/min.)	0-1000 IPM (25.4m/min.)	0-600 IPM (15.25m/min.)	0-900 IPM (22.9m/min.)	0-750 IPM (19m/min.)
Rail Systems						
Style	Channel / Portable	Unitized or Free Standing	Unitized or Free Standing	Pedestal Mount	Floor or Pedestal Mount	Floor or Pedestal Mount
Weight		45#	45#	90#	90#	90#
Type	Linear Guides	T-Rails	T-Rails	Hardened T-Rails	Hardened T-Rails	Hardened T-Rails
Cutting Tables						
Water Table	Available ***	Available ***	Available ***	Available ***	Available ***	Available ***
Air Exhaust	Downdraft	Downdraft or Zone Downdraft	Downdraft or Zone Downdraft	Downdraft or Zone Downdraft	Zone Downdraft	Zone Downdraft

* **DSD** Series machines are equipped with the full suite of genuine **Hypertherm** CNC Controls, **THC**, **MTC** Software, and are fully **Rapid Part** and **True Hole Technology** enabled.

** Special Widths Also Available

*** Not Recommended for Cutting Aluminum

**** Aviator **SSD** can be upgraded to Dual Side Drive (**DSD**) in the field.

OEM PARTNERS

C&G System has established a wide network of quality OEM partners to provide our customers with the best turnkey solutions for their particular applications. Whether you are purchasing your first machine or have multiple installations, we will provide you with everything you need to quickly get your new **C&G System** machine up and running efficiently.



BURNY
PC-Based CNC Plasma/Oxy-Fuel
Cutting Machine Controls



KALIBURN
PLASMA CUTTING INNOVATION



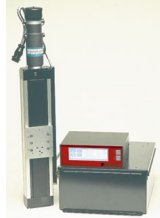
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Side-Draft Cutting Tables.*



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Controls



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