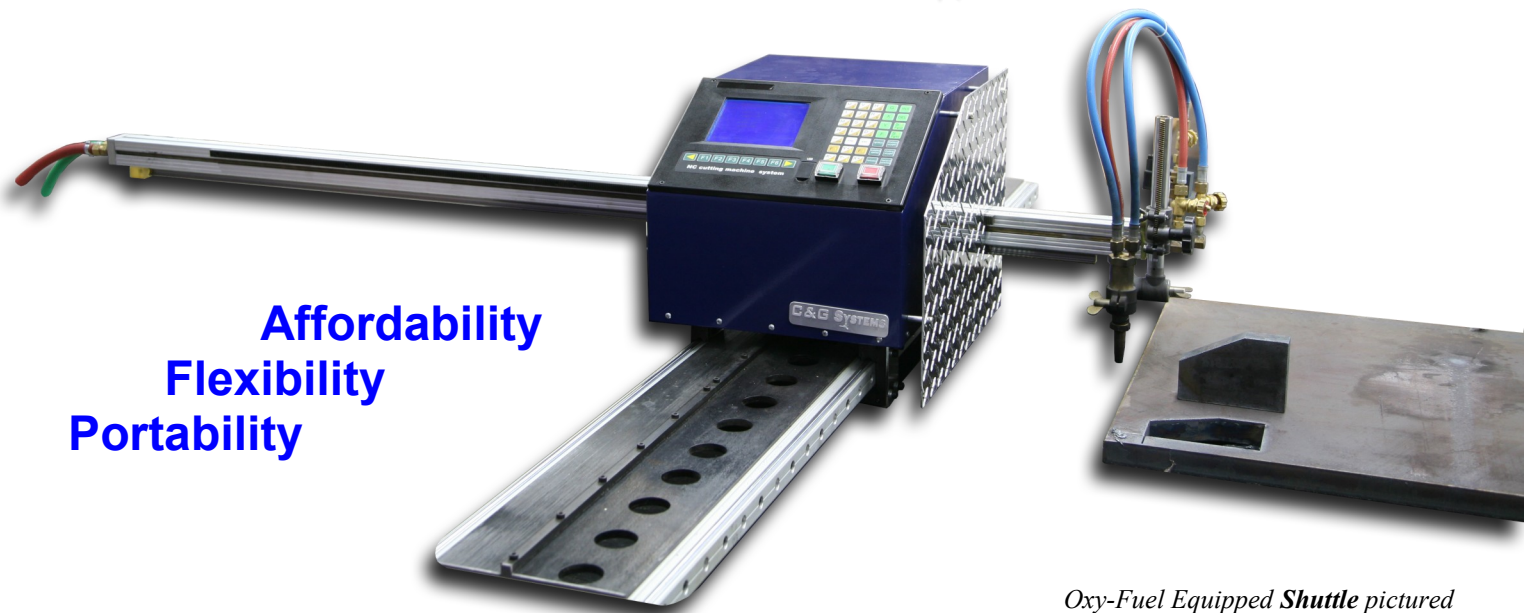


# SHUTTLE



**Affordability**  
**Flexibility**  
**Portability**

*Oxy-Fuel Equipped Shuttle pictured*

## Full-Function

The all-new **Shuttle** from **C&G Systems** is an economical, full-function, self-contained CNC cutting system designed for portability and flexibility. **Shuttle** can be equipped to cut with oxy-fuel or a variety of plasma power sources.

## Entry Level

The **Shuttle** is an ideal platform for users new to shape cutting. The system is easy to set-up, learn, use, and maintain. A standard shapes library provides users with many of the most common shapes to get you cutting quickly.

## Flexibility

Whether **Shuttle** is your only machine or used as an auxiliary unit to supplement your larger plasma cutting table, there is a space for this unit in almost any operation.

**Shuttle** has many of the capabilities of larger cutting systems. In addition to standard shapes, **Shuttle** can accept complex shape files in .CNC format. Artisans, hobbyists, and

small shops will appreciate the small footprint that does not consume valuable shop or garage space. **Shuttle** can be easily stored when not being used.

Users with larger cutting systems can utilize **Shuttle** to quickly knock out those odd jobs without interrupting production, or as a back-up system during maintenance or service cycles.

**Shuttle** can start small and grow along with your requirements. Additional rail sections can be added to extend the system up to 197" (5m). Additional rail sections are also available so that one set can be "permanently" installed in your shop and the second set used in the field.

## Portability

Customers with large fabrication operations can quickly move and set-up **Shuttle** in remote fabrication areas as needed. Construction and field-service users can take **Shuttle** to the job-site and save countless trips back to the shop to cut or pick-up parts.

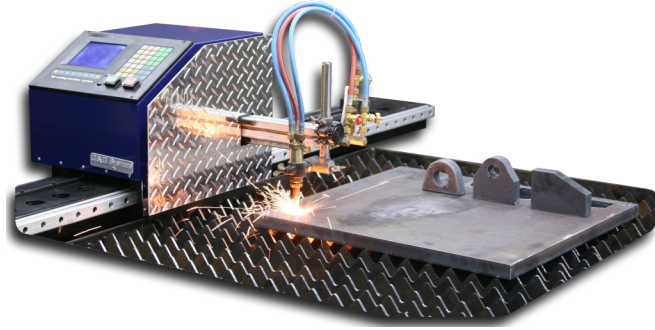
Your Best Value in Precision Shape Cutting Systems.

# C & G SYSTEMS

Call **C&G Systems** at (847) 816-9700 to consult with a sales representative,  
or visit us on the web at [www.CGSystems.com](http://www.CGSystems.com)

# SHUTTLE

## System Specifications



Oxy-Fuel Equipped **SHUTTLE** Cutting 1" Steel Plate

### △ Cutting Capacity:

- △ Effective Cutting Width: 49" (1.25m)
- △ Effective Cutting Length: 78" (2m), 118" (3m), 156" (4m), 197" (5m)
- △ Cutting Thickness:
  - △ Oxy-Fuel: 1/4" - 4.5" (6mm - 120mm) Steel
  - △ Plasma (Optional): Plasma Power Sources Available upto 100 amps, Capable of Piercing upto 5/8" (19mm) and Edge Starting upto 1 3/4" (44mm) Steel

### △ Tool Station Capacity

- △ Single Oxy-Fuel Torch Station with Manual Lifter, or
- △ Single Plasma (Optional) Capability

### △ C&G Systems CNC Control

- △ High Performance 32-bit CPU with multi-tasking motion processor, 256Mb RAM, Part Nesting Support
- △ 5.7" Blue LCD Display
- △ 34 Built-In Standard Parametric Shapes
- △ USB Port



32-Bit CPU with 5.7" LCD Display

### △ Drive System

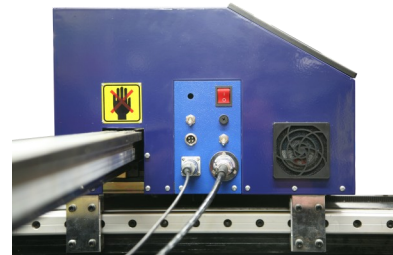
- △ Industrial Stepper-Motors
  - △ Cutting Speeds: 2-40ipm (Oxy-Fuel), 10-120 ipm (Plasma)
  - △ Rapid Traverse: 155 ipm
- △ Linear Ways on Heavy-Duty 3" x 8" Steel Channel
- △ 3/4" Gear Rack and Hardened Pinions

### △ Power Requirements

- △ Control System: 110VAC, 60Hz, 180W
- △ Plasma (Optional): Varies by Model

### △ Oxy-Fuel Applications

- △ Recommended Cutting Gases
  - △ Oxygen/Acetylene
  - △ Propane
- △ Maximum Combustive Gas Pressure: 215 psi



## OPTIONAL EQUIPMENT

- |  |   |
|--|---|
| △ Plasma Power Supplies upto 100 amps from <b>Hypertherm, Thermadyne, and Kaliburn</b> | △ Auxiliary Rail System                                       |
| △ Motorized Torch Lifter   | △ Rail Extensions (upto 197" (5m) maximum)                    |
| △ Automatic Height Control Lifter (for Plasma)   | △ Portable Cutting Tables                                     |
|  | △ Nesting Software packages from <b>MTC</b> or <b>FastCAM</b> |

As Demanding As You Are.

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