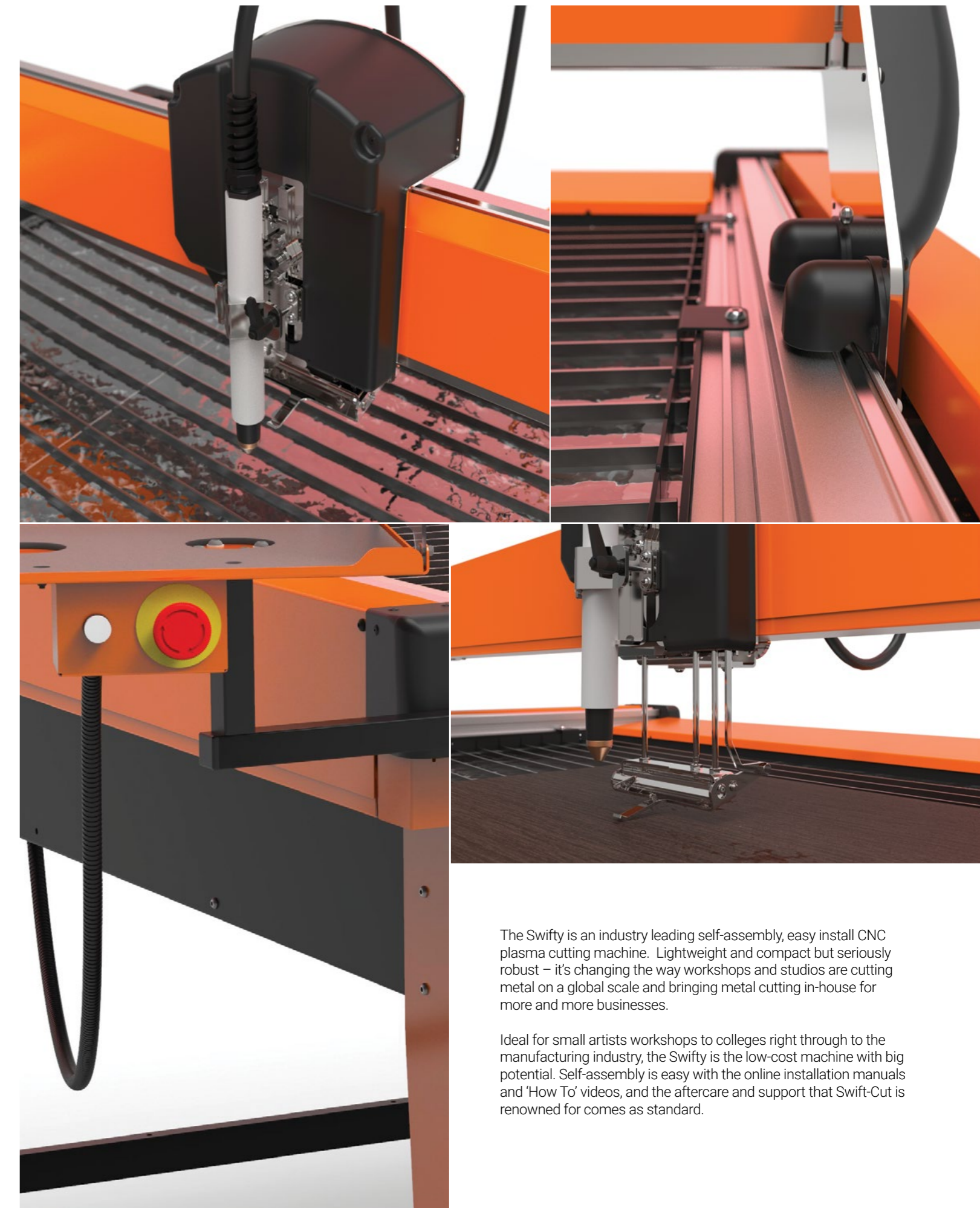# The Swifty

Swifty is a versatile CNC plasma cutting machine that offers great value for smaller workshops, education and artists. It's easy to use, with a variety of cutting capabilities. All that's required from the customer to operate it is a power source, an air compressor and a laptop or PC.

### Initial height sensor

Pneumatically driven "Soft Sense" soft touch plate sensor to accurately locate the plate surface even on thin materials

### Anti-glare and spark guard

### Magnetic breakaway head

Prevents damage to the torch should an unexpected collision occur

### Waterbed

Helps to reduce fumes and sparks during cutting

### Automatic torch height control

Maintains the correct cutting height resulting in improved cut quality and consumable life.

### V rail

V-Rail with twin top and bottom v-rollers for consistent positioning.

### Laptop stand

Laptop stand with integrated Emergency Stop button

### Covers

Offer protection to key components against sparks and molten material.

### Stand

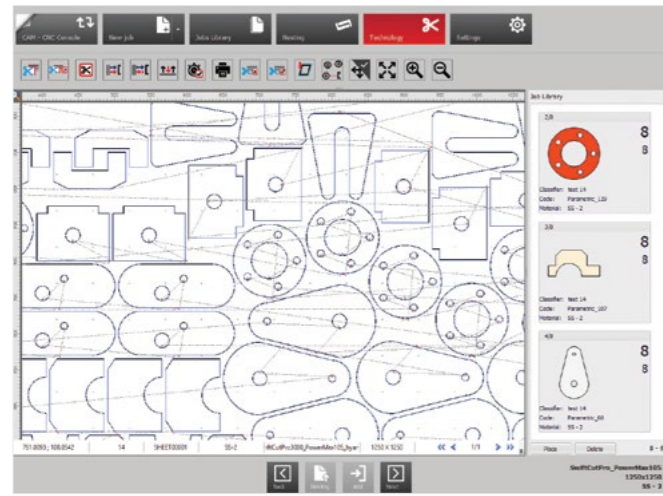Included stand requiring self-assembly

The Swifty is an industry leading self-assembly, easy install CNC plasma cutting machine. Lightweight and compact but seriously robust – it's changing the way workshops and studios are cutting metal on a global scale and bringing metal cutting in-house for more and more businesses.

Ideal for small artists workshops to colleges right through to the manufacturing industry, the Swifty is the low-cost machine with big potential. Self-assembly is easy with the online installation manuals and 'How To' videos, and the aftercare and support that Swift-Cut is renowned for comes as standard.

## SwiftCAM

Swift-Cut's easy to use software guarantees that anyone with a basic knowledge of computers will be capable of operating the CNC plasma cutting system. Minimal training means the table will be operational almost immediately, maximising output from the start.

**Direct Cut Control**
Remote control of settings for Hypertherm Powermax plasma systems.
o Automatic control of cutting amps.
o Automatic control of air pressure.
o Automatic control of cut mode.
o Read fault codes from the software.

**Screens**
Easy to use with basic and advanced screens.

**Sheet Alignment**
Align the cutting path with misaligned sheets on the cutting bed.

**Sheet Trim**
Easily trim scrap material from sheet stock.

**Cut Recovery**
Easily recover interrupted cuts due to a breakaway head or emergency stop condition.

**G-Code Favourites**
Save up to 5 g-code files for quick loading.

**Dry run**
Run the g-code file without cutting.

**Automatic lead in/out**
Software automatically applies lead ins/out for quicker programming.

**JPEG/DXF/DWG import capable**
Import .dxf files or convert .jpg images for cutting.

**Automatic nesting***
Automatically nests parts for economical sheet usage.

**Part in part nesting**
Nest parts in scrap areas to fully utilise the sheet.

**Customisable cutting rules**
Optimise cutting parameters for best cutting performance.

**Customisable toolsets**
Modify or create toolsets for new materials.

**3D part preview**
Preview the part in 3D before cutting.

**Parametric shape library**
Over 80 configurable shapes.

*Advanced Only

## Available size

**Swifty 1250**
1250mm x 1250mm
cutting area (4' x 4')

## Cutting Power Options

**Plasma Source:** Hypertherm

| Max pierce capacity | Mild steel | Stainless steel | Aluminium | Duty cycle | 100% duty cycle |
|---|---|---|---|---|---|
| Powermax45 XP* | 12mm | 12mm | 10mm | 50% | 32Amps |
| Powermax65 | 16mm | 12mm | 12mm | 50% | 46 Amps |

* Single phase option available

For more information contact
**swift-cut.com**

## Swifty
## CNC Plasma
## Cutting Machine
**Brochure**