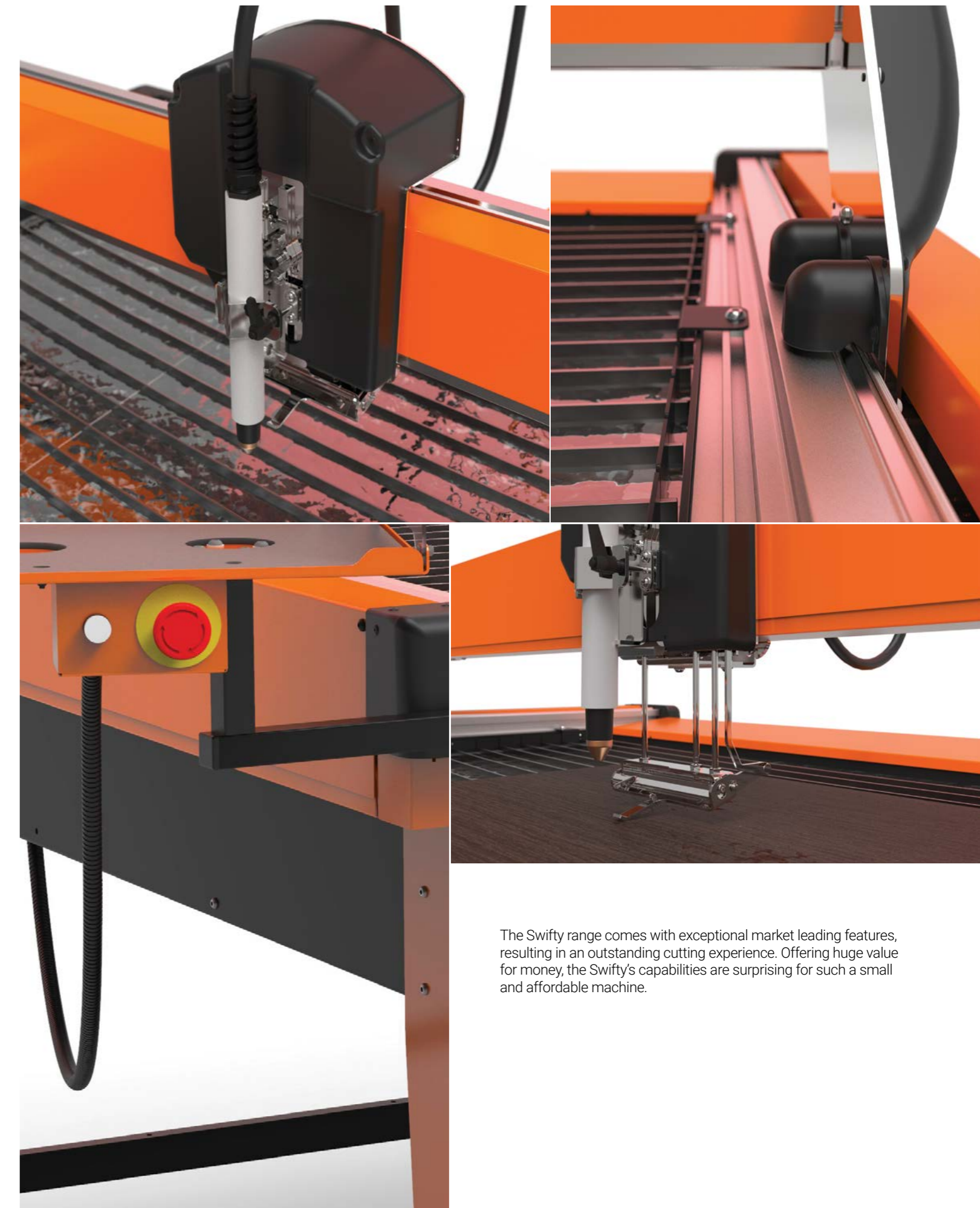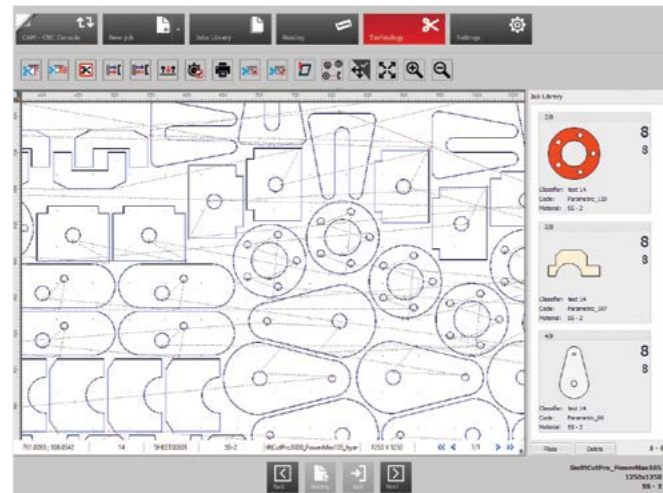# The Swifty Range

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 to operate it is a power source, an air compressor and a PC, giving the user freedom to work wherever they wish.

Initial height sensor

Pneumatically driven "Soft Sense" soft touch plate sensor to accurately locate the plate surface even on thin materials (1250 only)

Magnetic breakaway head

Protects the torch from collisions

Anti-glare and spark guard

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. (1250 only)

V rail

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

Covers

Offer protection to key components againSst sparks and molten material.

Laptop stand

Laptop stand (Integrated Emergency Stop on 1250 only)

Stand

Incorporated stand

The Swifty range comes with exceptional market leading features, resulting in an outstanding cutting experience. Offering huge value for money, the Swifty's capabilities are surprising for such a small and affordable machine.

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.

Swifty 610

Screens
Easy to use with basic and advanced screens.

Sheet Trim
Easily trim scrap material from sheet stock.

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

Dry run
Run the g-code file without cutting.

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

DXF/DWG import
Import .dxf files for cutting.

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

Customisable cutting rules
Optimise cutting parameters for best cutting performance.

Toolsets
Standard toolsets for mild steel, stainless steel and aluminium.

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.

Swifty 1250

Serial link with Hypertherm Powermax
Automatic control of plasma settings.

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.

PEG/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 Cut Simulation*
Play a 3D machine simulation of the cutting operation.

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

Parametric shape library
Over 80 configurable shapes.

*Advanced Only

Available in 2 sizes

Swifty 610
610mm x 610mm
cutting area (2' x 2')

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
Powermax 45 XP	12mm	12mm	10mm	50%	32Amps
Powermax 65	16mm	12mm	12mm	50%	46 Amps

For more information contact
swift-cut.com

Swifty
Cutting System

Brochure