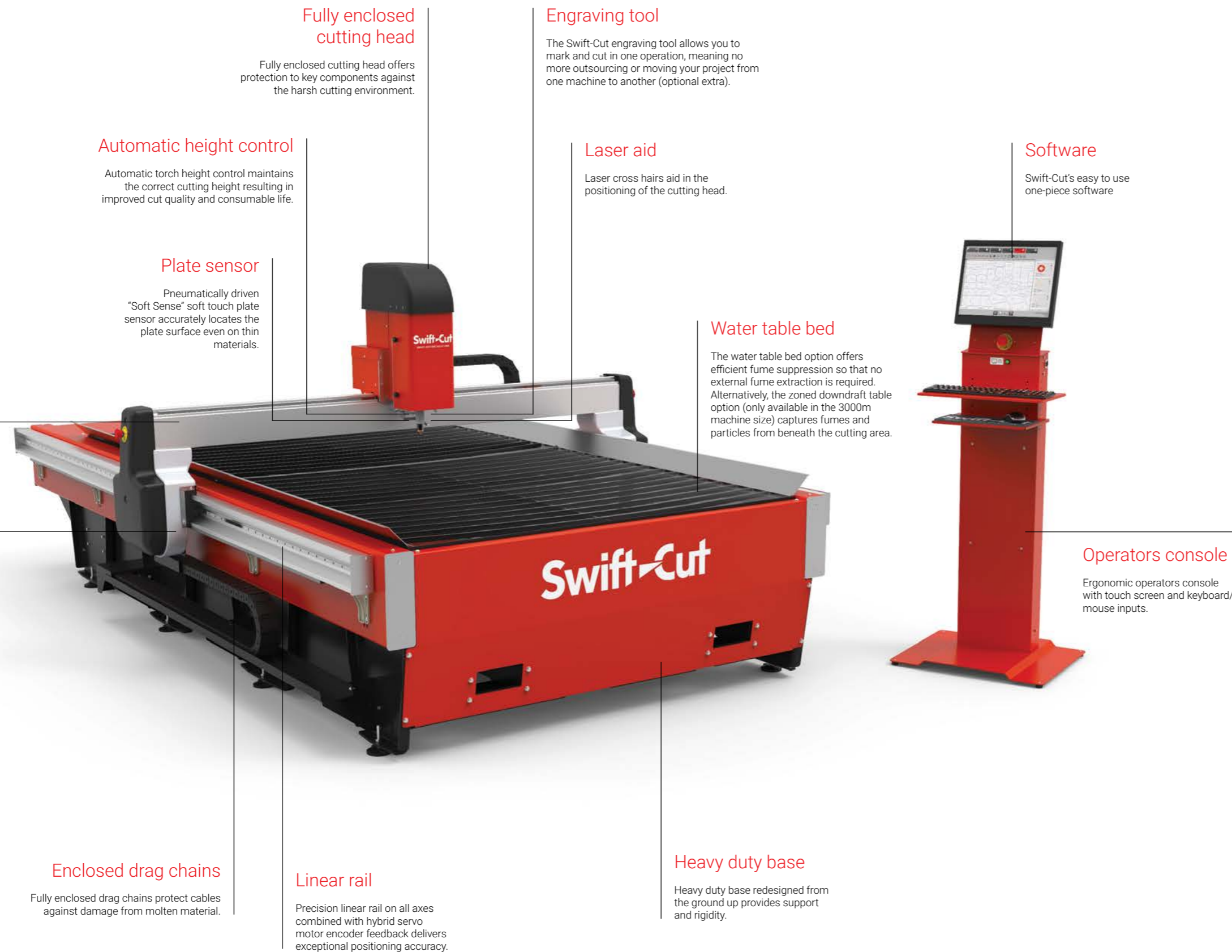# The Swift-Cut Pro Range

A collection of four cutting edge in design CNC plasma cutting tables. With easy to use software, the Swift-Cut Pro range promises high speed precision cutting at a low cost investment. Easy to use, simple to learn and operate with exceptional aftercare and support, the Swift-Cut Pro range is the answer to affordable in-house metal cutting.

Fully enclosed cutting head

Fully enclosed cutting head offers protection to key components against the harsh cutting environment.

Engraving tool

The Swift-Cut engraving tool allows you to mark and cut in one operation, meaning no more outsourcing or moving your project from one machine to another (optional extra).

Automatic height control

Automatic torch height control maintains the correct cutting height resulting in improved cut quality and consumable life.

Laser aid

Laser cross hairs aid in the positioning of the cutting head.

Software

Swift-Cut's easy to use one-piece software

Plate sensor

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

Water table bed

The water table bed option offers efficient fume suppression so that no external fume extraction is required. Alternatively, the zoned downdraft table option (only available in the 3000m machine size) captures fumes and particles from beneath the cutting area.

Gantry beam

Lightweight but rigid gantry beam supports twin x-axis linear rails, it also gives you the ability to cut 100mm box sections.

Heavy duty gantry

Heavy duty gantry end castings with machined faces provide a precise and stable platform for the cutting head.

Operators console

Ergonomic operators console with touch screen and keyboard/ mouse inputs.
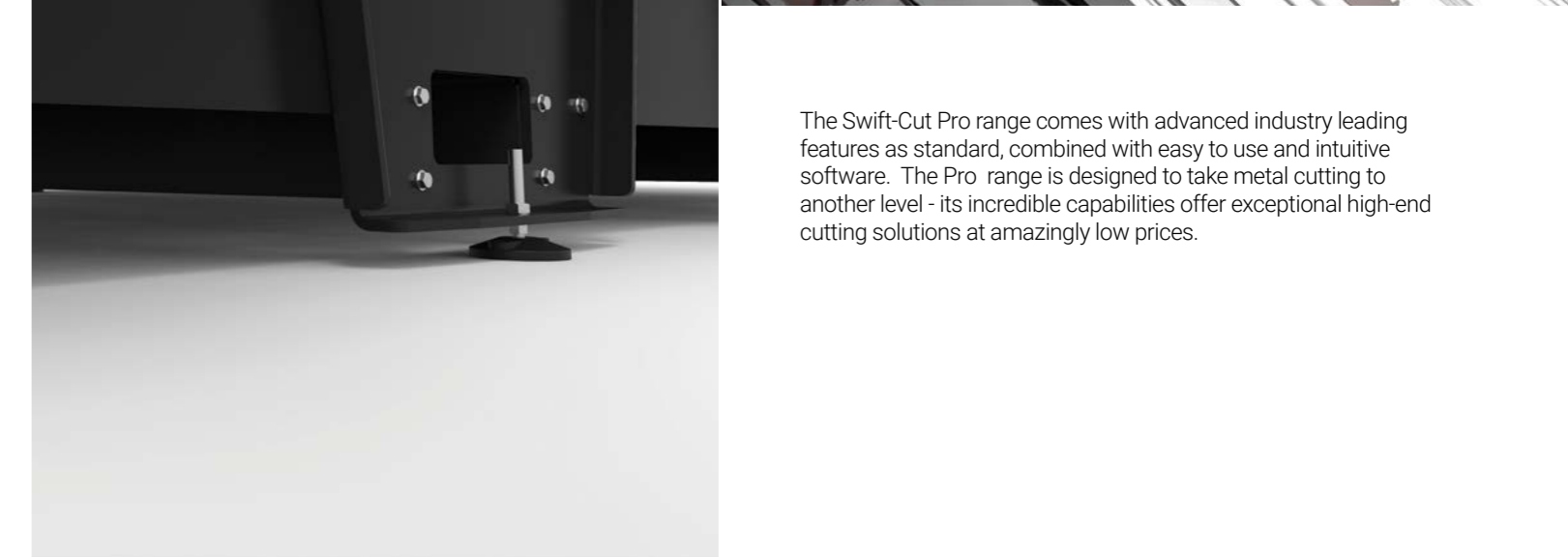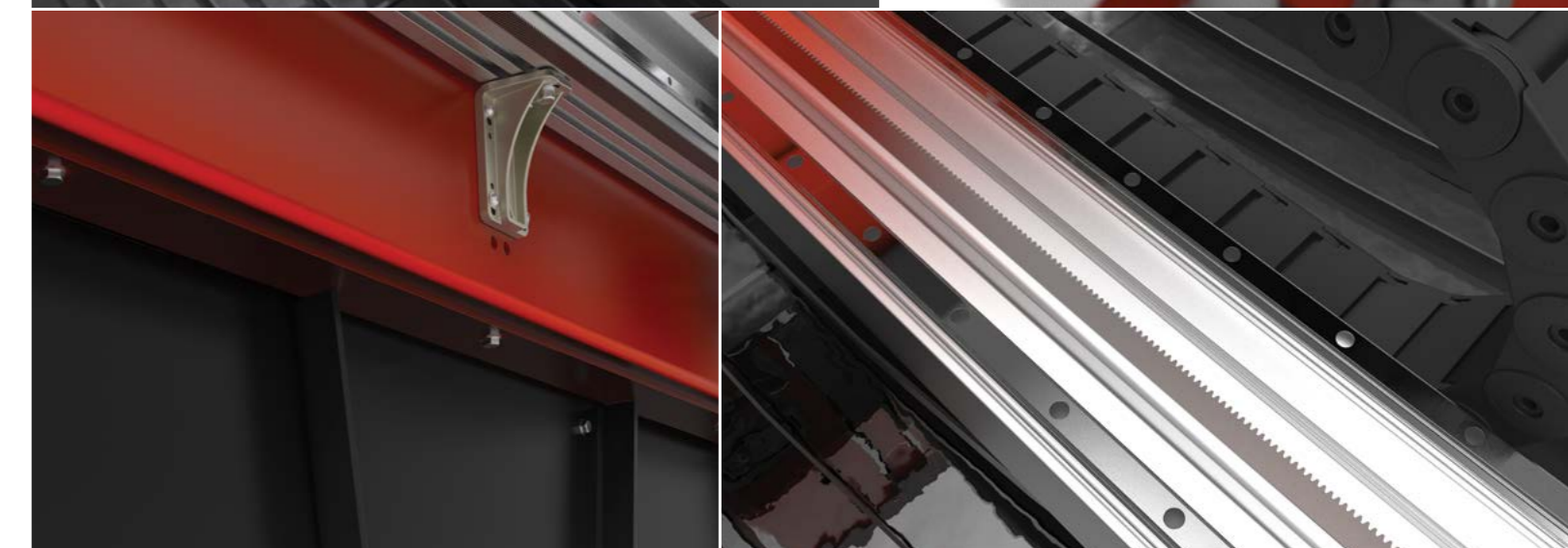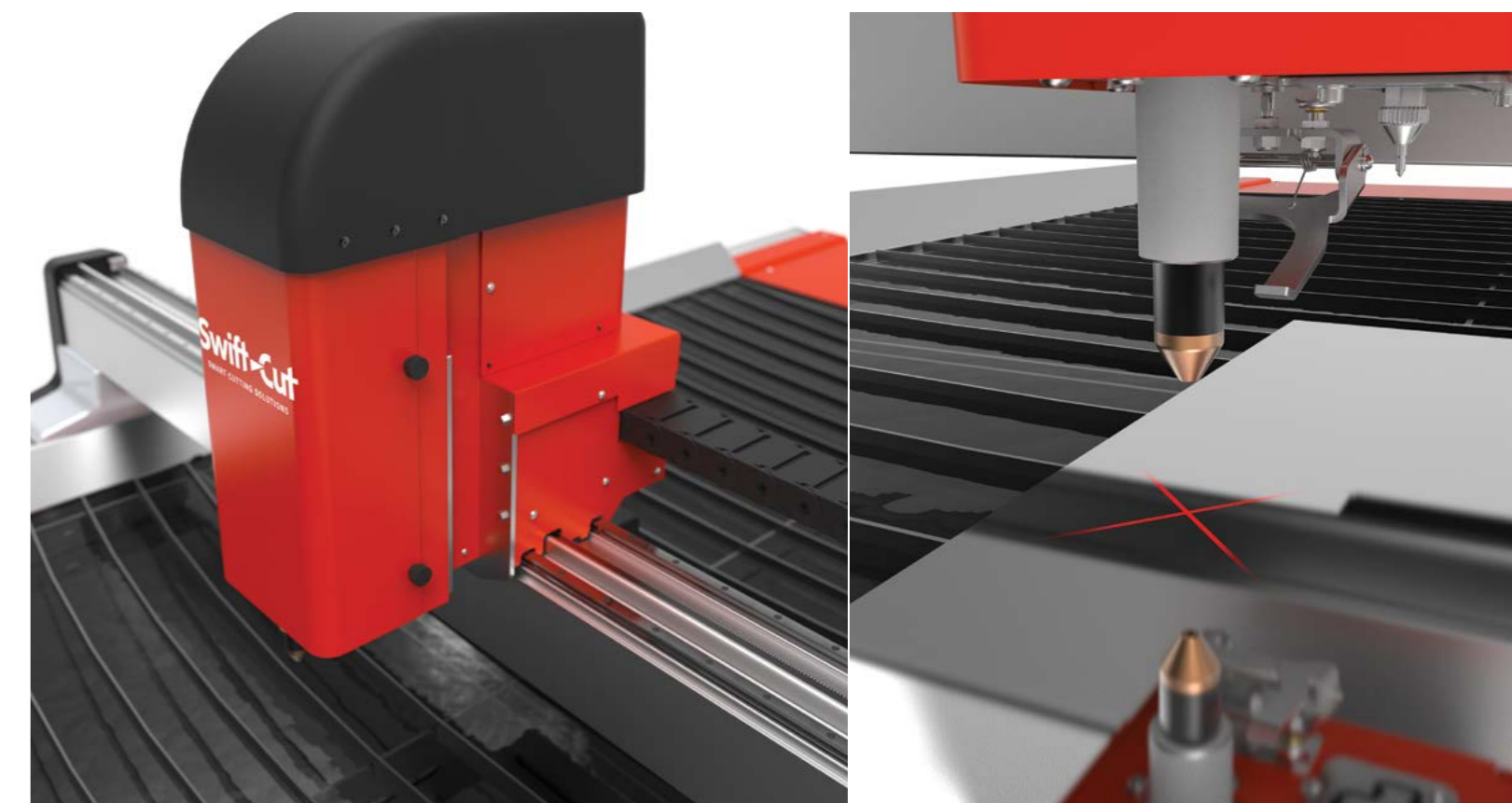
Enclosed drag chains

Fully enclosed drag chains protect cables against damage from molten material.

Linear rail

Precision linear rail on all axes combined with hybrid servo motor encoder feedback delivers exceptional positioning accuracy.
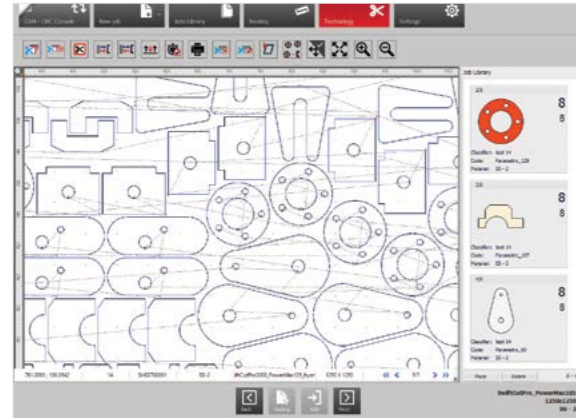
Heavy duty base

Heavy duty base redesigned from the ground up provides support and rigidity.

The Swift-Cut Pro range comes with advanced industry leading features as standard, combined with easy to use and intuitive software. The Pro range is designed to take metal cutting to another level - its incredible capabilities offer exceptional high-end cutting solutions at amazingly low prices.

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.

Automatic control
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.

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 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.

Reference points
5 user configurable reference points for jig fixtures.

G-Code Queue
Queue up to 5 g-code files for quick loading.

*Advanced Only

Available in 4 sizes

Pro 1250
1250mm x 1250mm cutting area (4' x 4')

Pro 2500
2500mm x 1250mm cutting area (8' x 4')

Pro 3000
3000mm x 1500mm cutting area (10' x 5')

Pro 4000
4000mm x 2000mm cutting area (13' x 6.5')

Cutting Power Options

Plasma Source: Hypertherm

Max pierce capacity	Mild steel	Stainless steel	Aluminium	Duty cycle	100% duty cycle
Powermax 45*	12mm	12mm	10mm	50%	32Amps
Powermax 65	16mm	12mm	12mm	50%	46 Amps
Powermax 85	19mm	16mm	16mm	60%	66 Amps
Powermax 105	22mm	20mm low use	20mm	80%	94 Amps
Powermax 125	25mm	20mm	25mm	100%	125 Amps

* single phase

For more information contact
swift-cut.com

Swift-Cut
Pro Range
Cutting System
Brochure