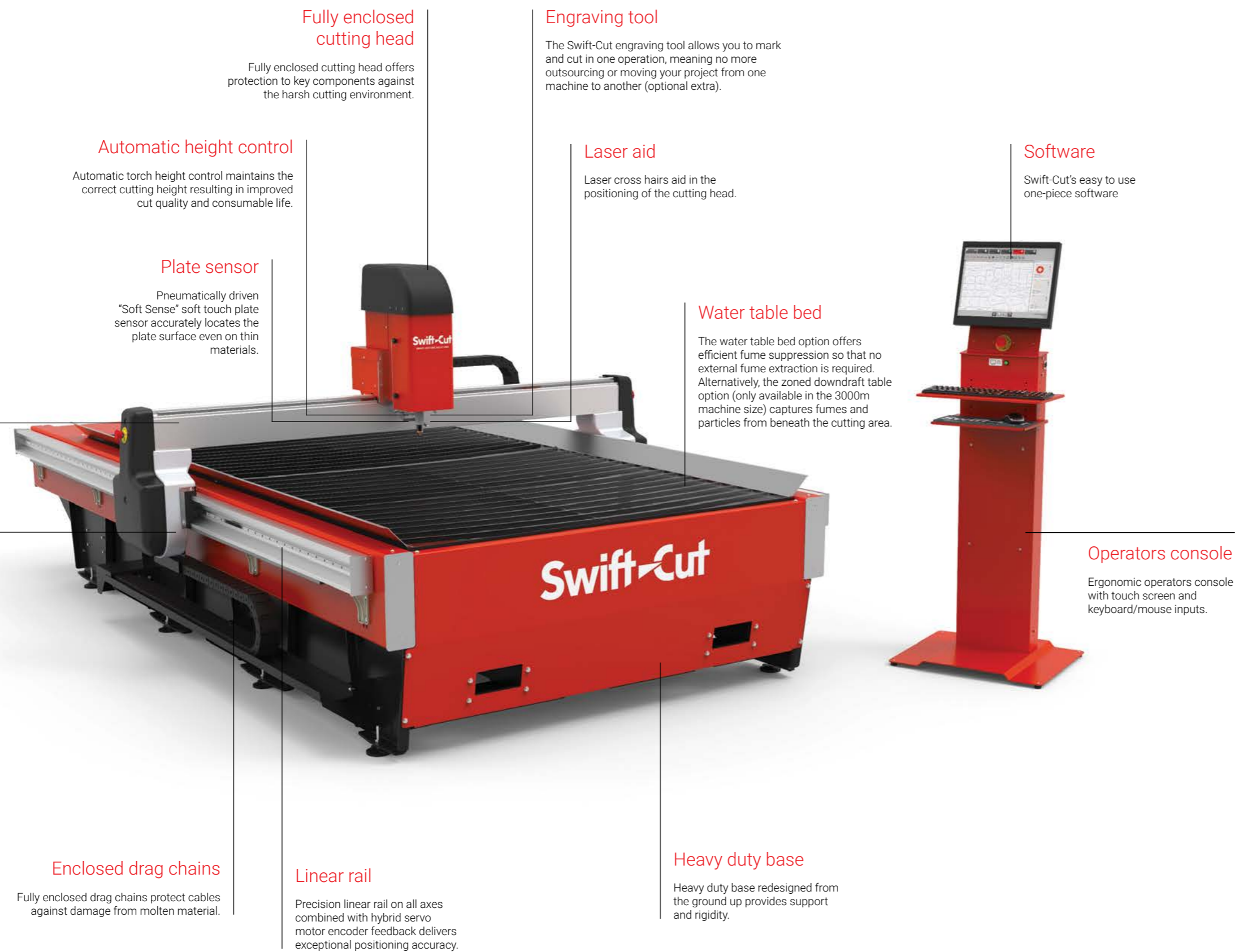


The Swift-Cut Pro Range

A collection of four cutting edge CNC plasma cutting tables. With it's 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.

Automatic height control

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

Plate sensor

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

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).

Laser aid

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

Software

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

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

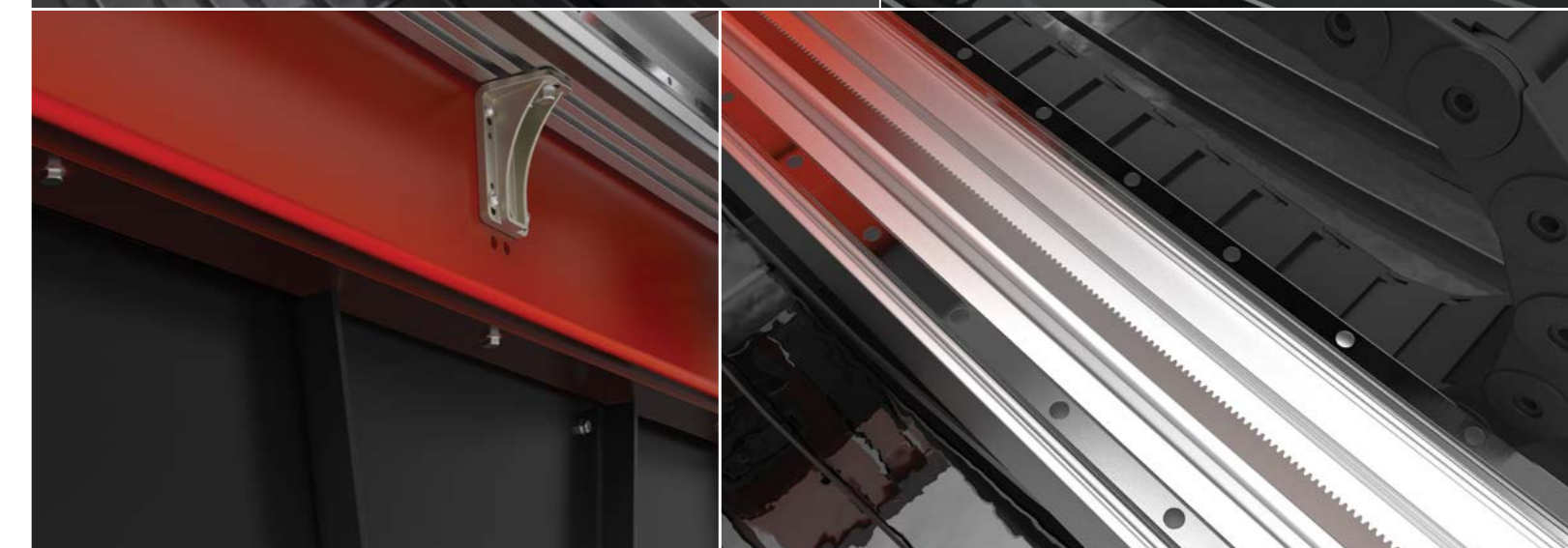
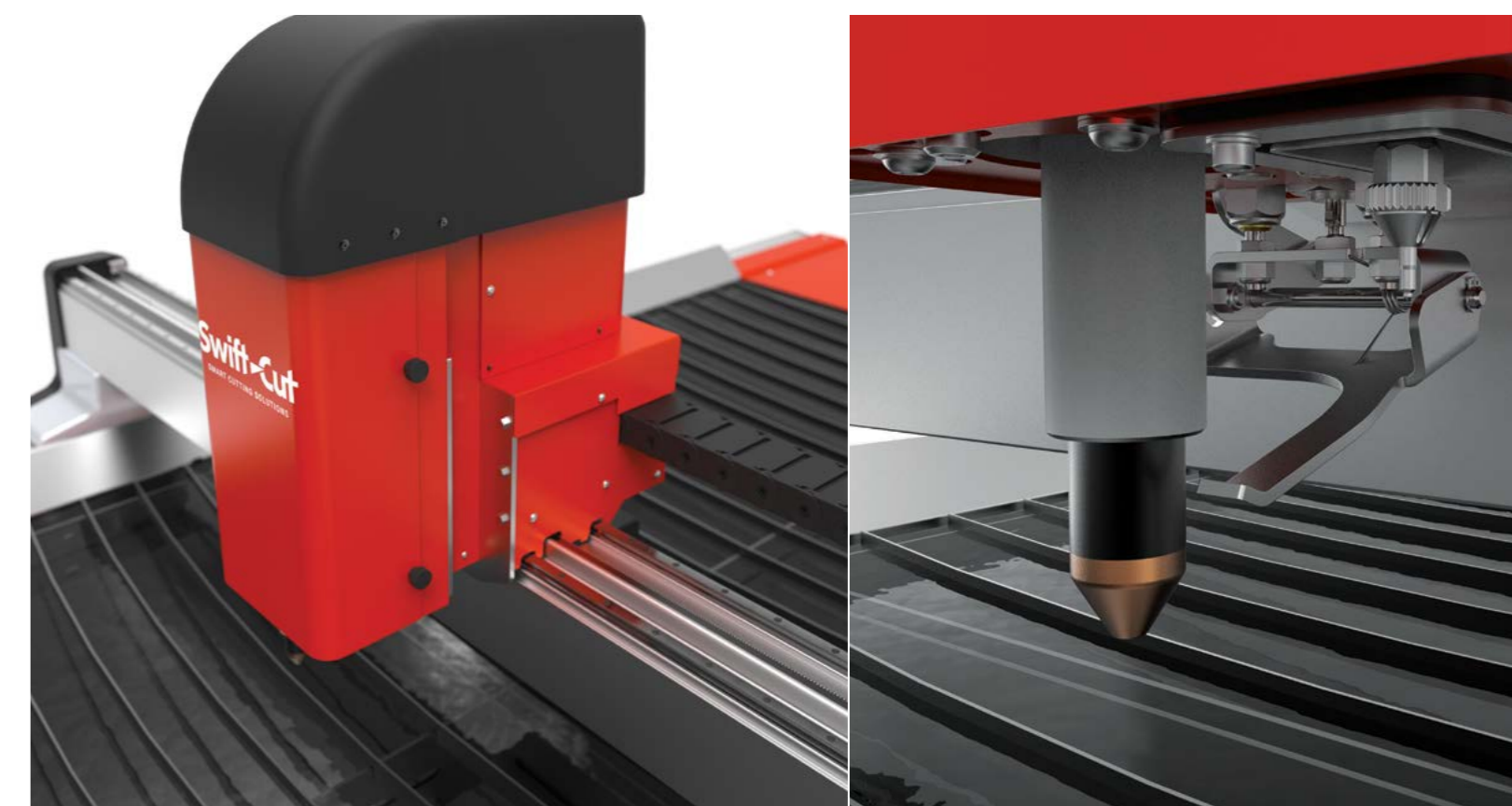
Fully enclosed drag chains protect cables against damage from molten material.

Linear rail

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

Heavy duty base

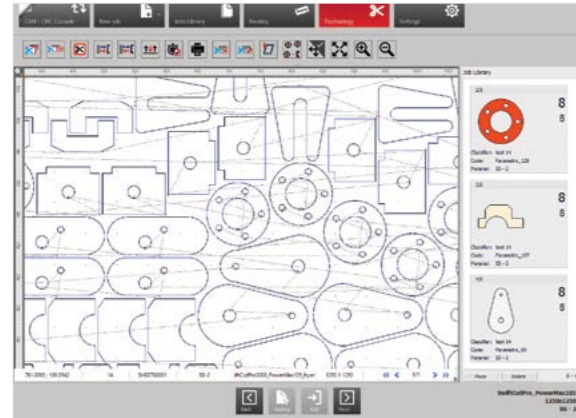
Heavy duty base redesigned from the ground up provides support and rigidity.



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')

Due for release early 2019

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
MAX PRO 200**		30mm	25mm	25mm	100%	200 Amps

* Single phase ** Only available with Pro 4000

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For more information contact
swift-cut.com



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