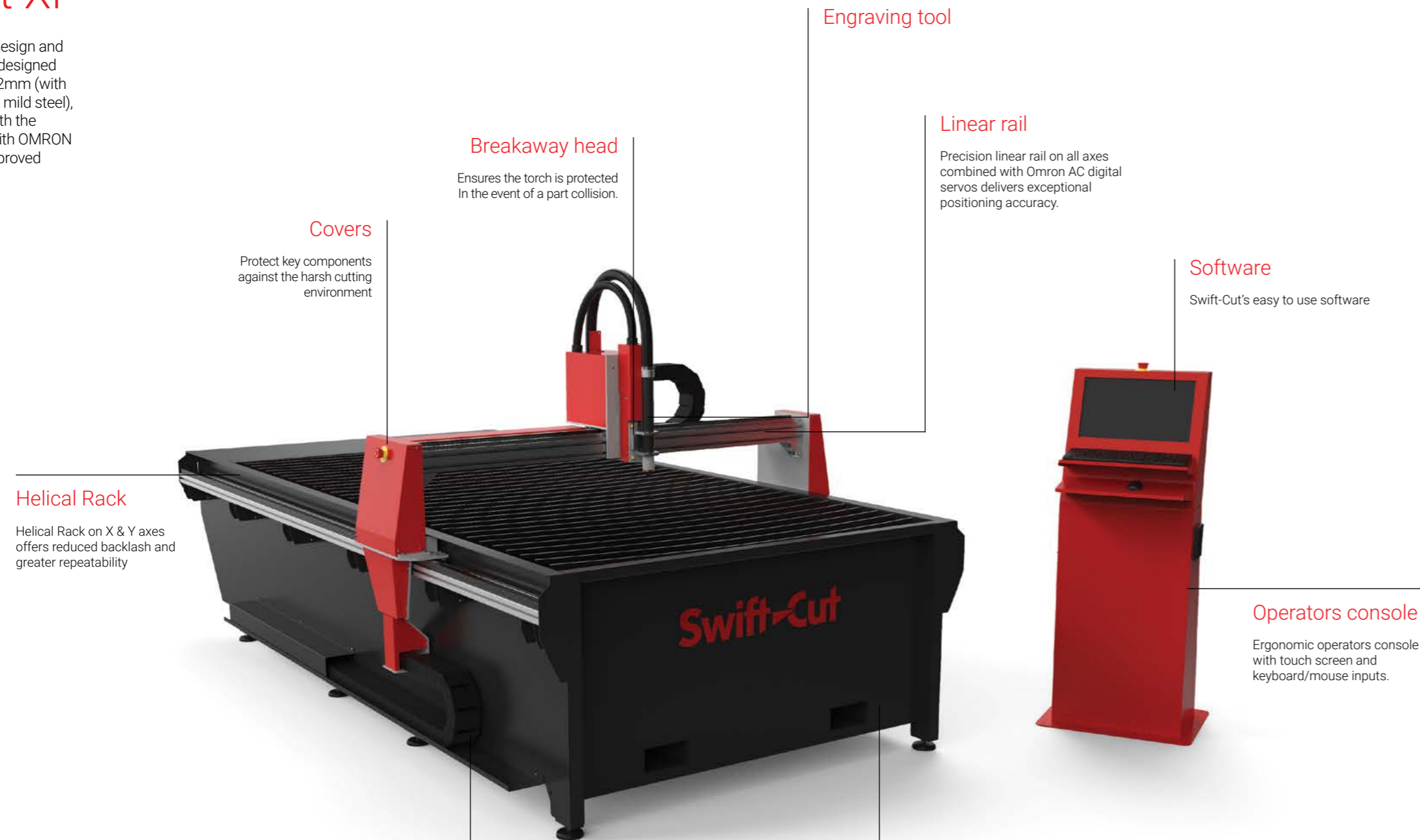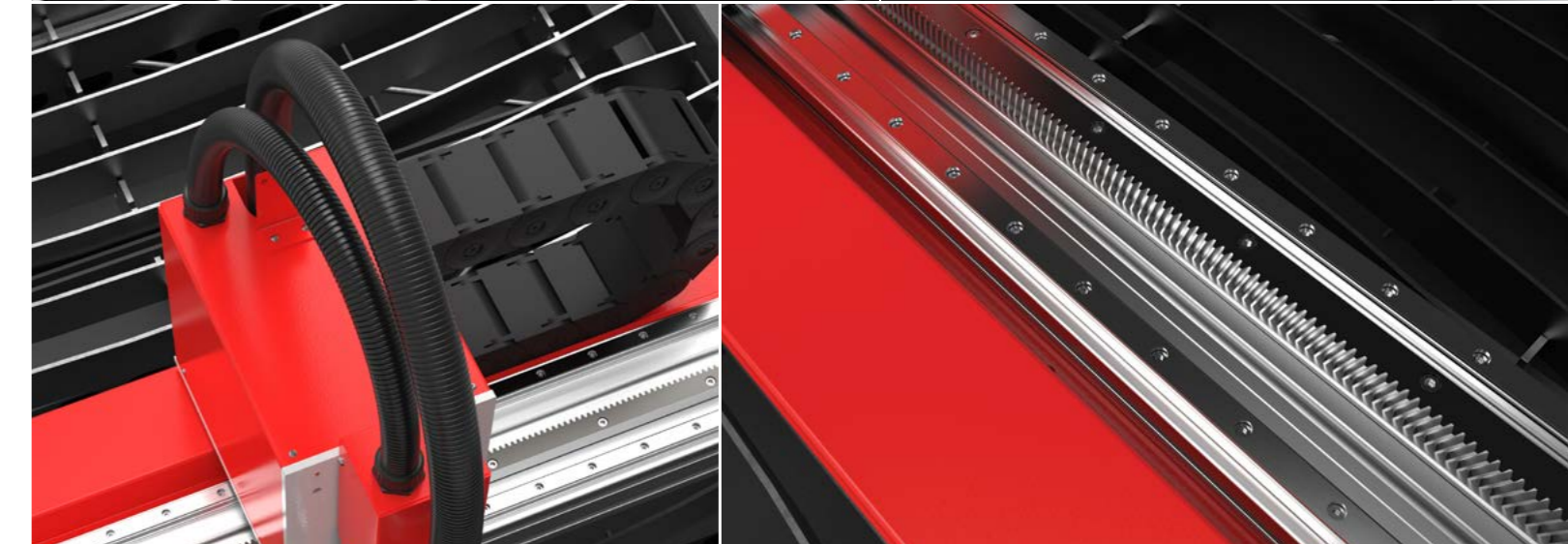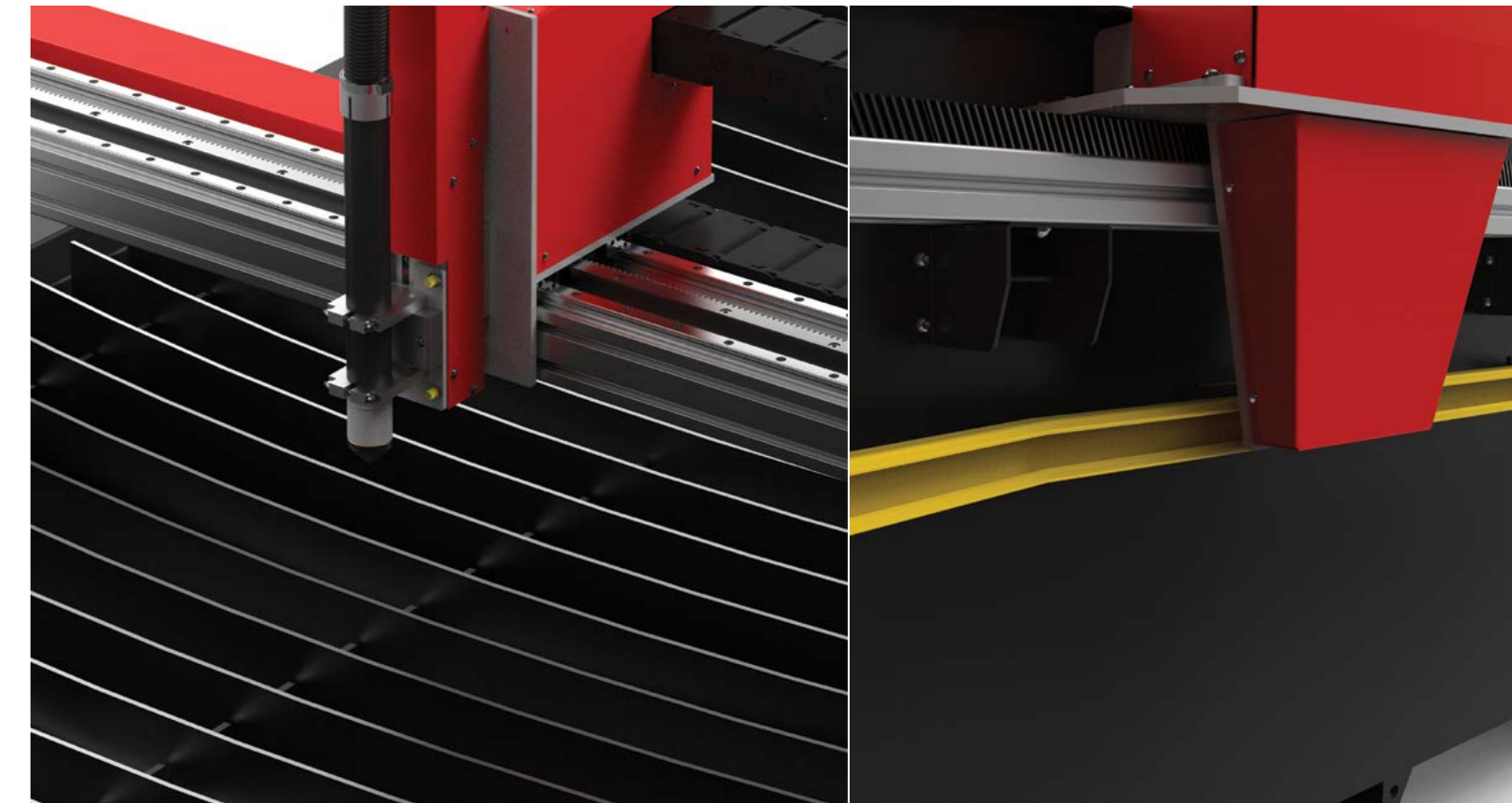# The Swift-Cut XP

The Swift-Cut XP is cutting edge in its design and more durable than ever. The new XP is designed with production cutting in mind up to 32mm (with a pierce capacity and edge start 50mm mild steel), now available to work in conjunction with the Hypertherm MAX PRO 200. Supplied with OMRON AC servo motors across all axes for improved accuracy.

Engraving tool

Breakaway head

Ensures the torch is protected In the event of a part collision.

Linear rail

Precision linear rail on all axes combined with Omron AC digital servos delivers exceptional positioning accuracy.

Covers

Protect key components against the harsh cutting environment

Software

Swift-Cut's easy to use software

Helical Rack

Helical Rack on X & Y axes offers reduced backlash and greater repeatability

Operators console

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

Heavy duty base

Fully welded reinforced base provides the required support and rigidity when cutting thick material

Key Benefits:

- Ability to cut using Air/Air, O^2/Air and N^2/Air
- Improves edge finish
- Faster cut speeds
- Less dress
- Less taper
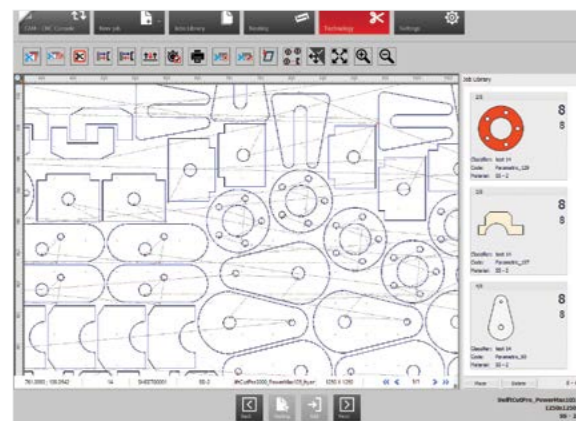- Longer consumable life

Enclosed drag chains

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

Cut speed

Max Pro 200 vs Powermax 125

20mm Mild steel	
Max Pro 200	1920mm/min
Powermax 125	980mm/min

Due to its plug & play design, the space required for installation of this machine is minimal. Our machine will comfortably fit in an area of 5.5m x 2.8m, area including power source.

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 nesting
Automatically nests parts for economical sheet usage.

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

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.

Parametric shape library
Over 80 configurable shapes

Toolsets
Standard toolsets for mild steel, stainless steel and aluminium

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

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

Job reports
Export job reports displaying scrap percentage and cutting times.

Optional extras

Marking
The Swift-Mark allows for features such as fold lines and part numbers to be engraved onto the plate.

Tracing
Go from line drawings to cutting your design in four simple steps with our Swift-Trace system

Available Size

Swift-Cut XP
3000mm x 1500mm
cutting area (10' x 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
MAX PRO 200	30mm	25mm	25mm	100%	200 Amps

* single phase

For more information contact
swift-cut.com

Swift-Cut XP Cutting System

Brochure