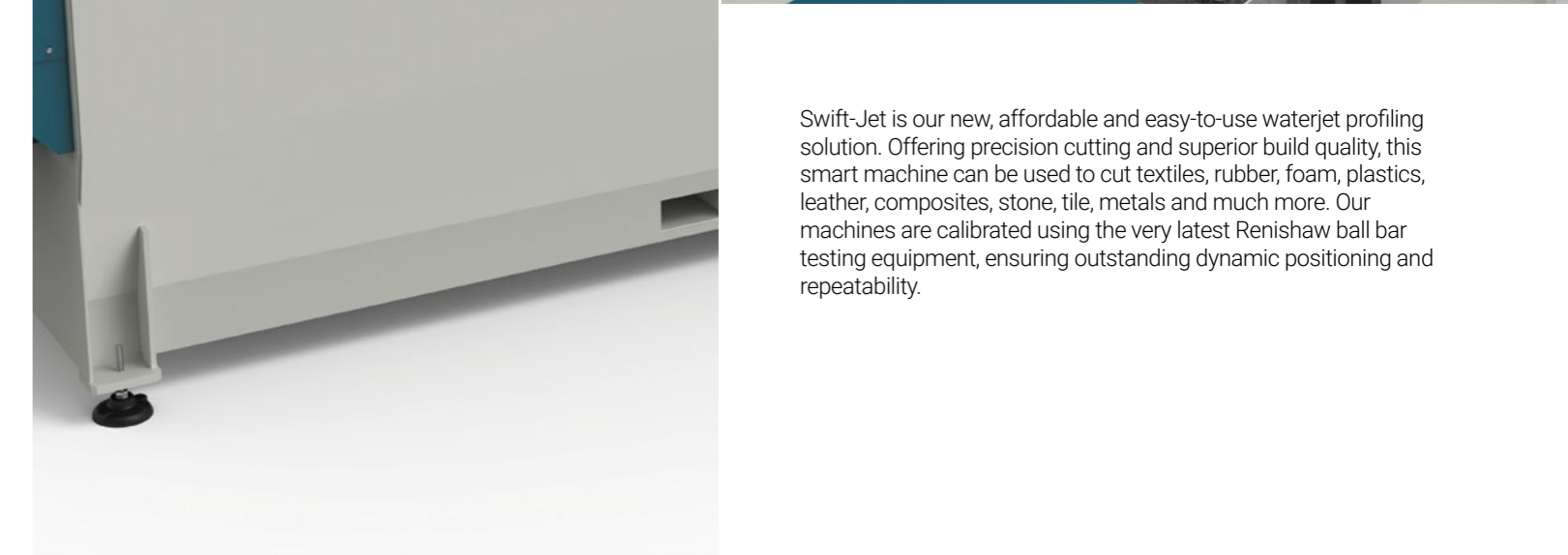
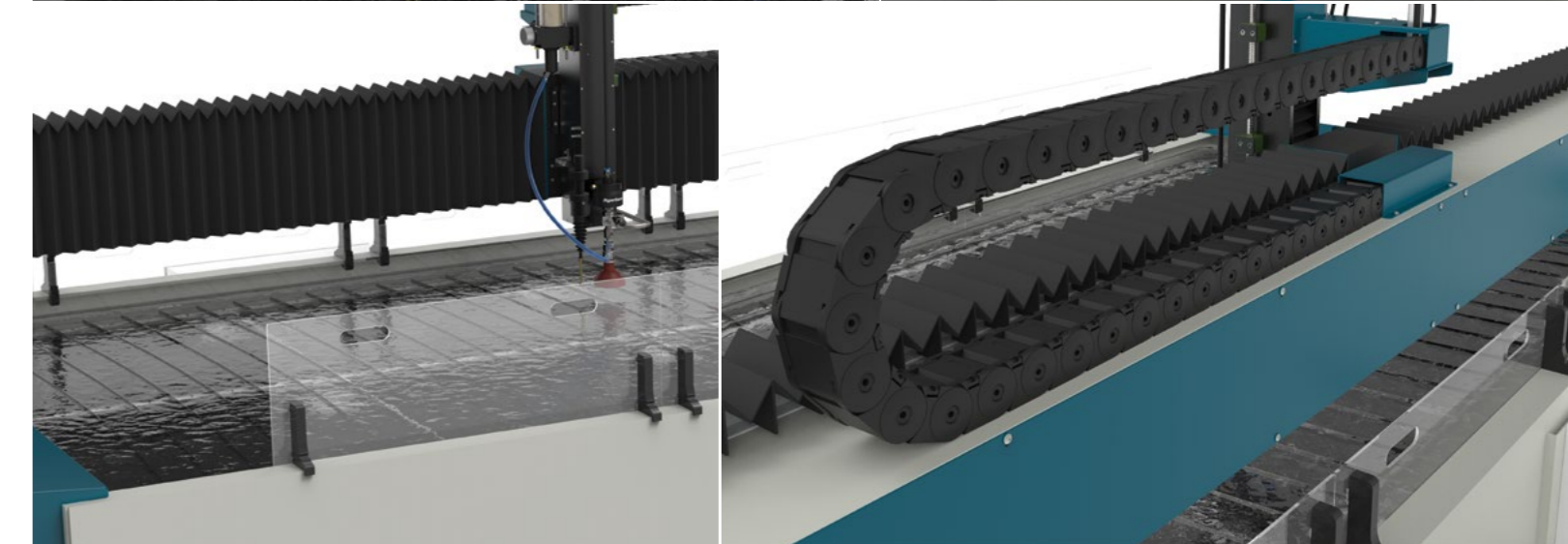
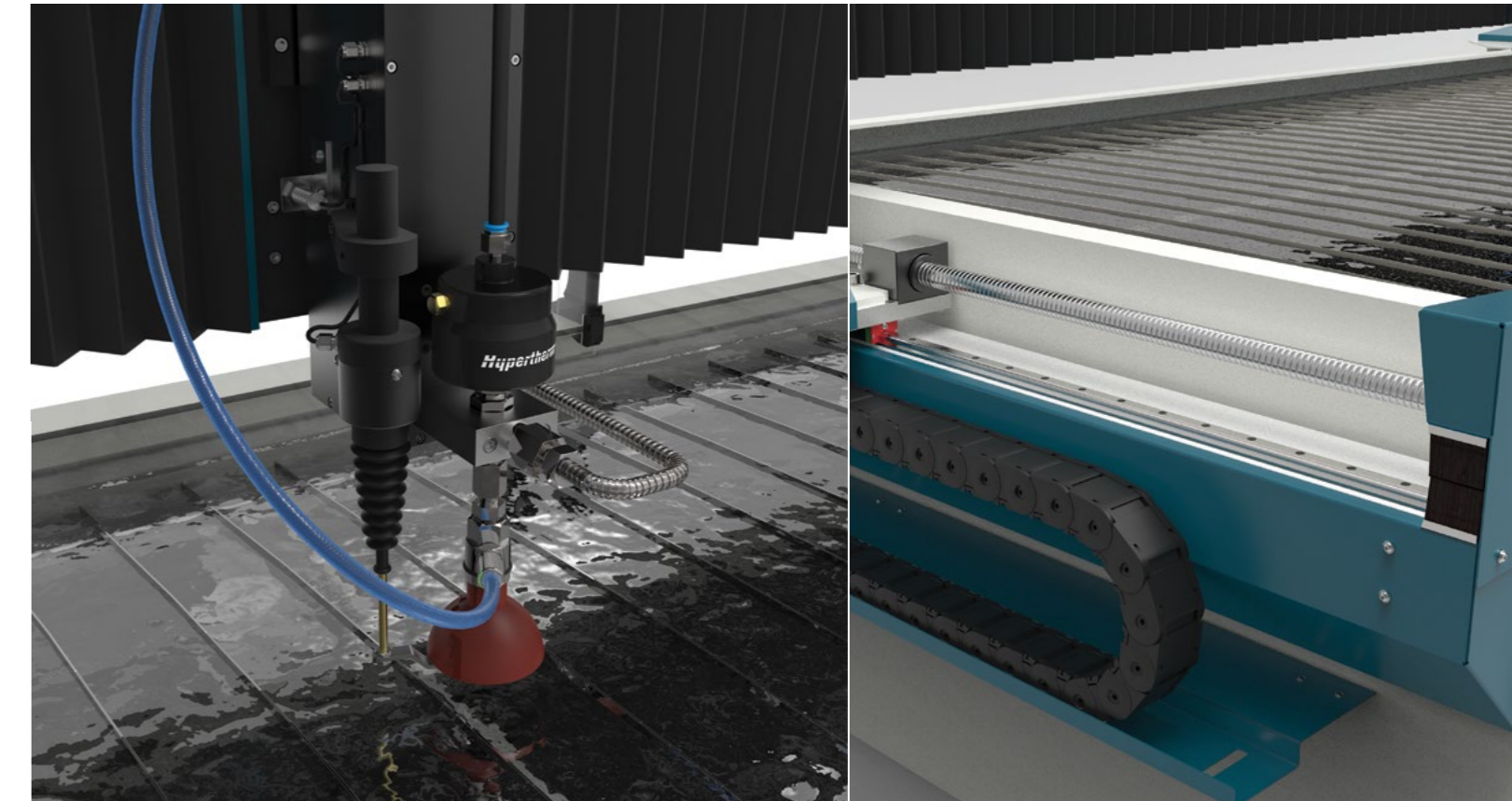
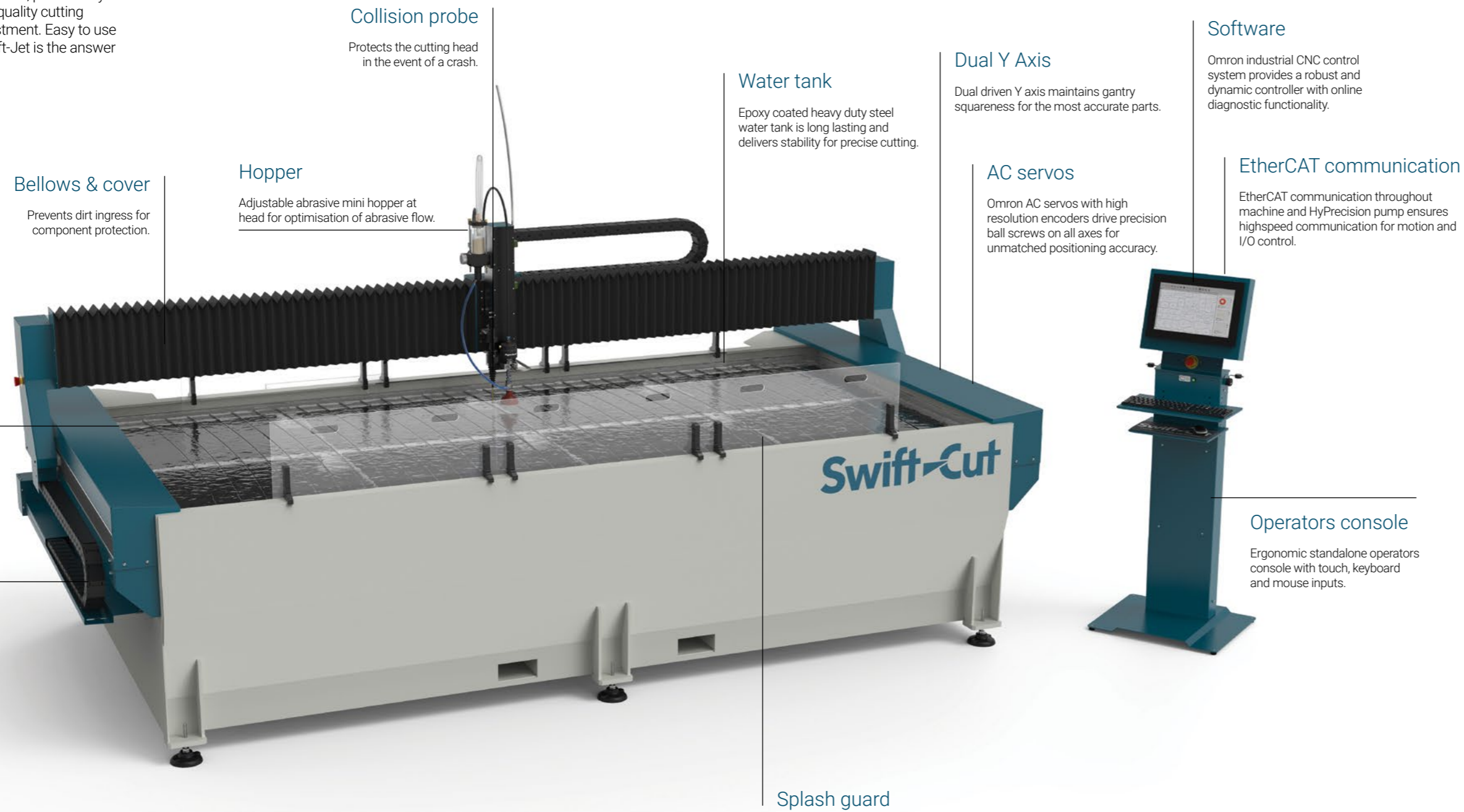


The Swift-Jet Range

Thanks to Swift-Cut, it's never been more affordable or achievable to own a water-jet cutting system. Waterjet technology produces excellent fine-feature cut quality with low edge taper, no heat-affected zone, a narrow kerf, and dross-free cutting.

It also offers the ability to process nearly any material and a thickness range capability unmatched by other cutting technologies.

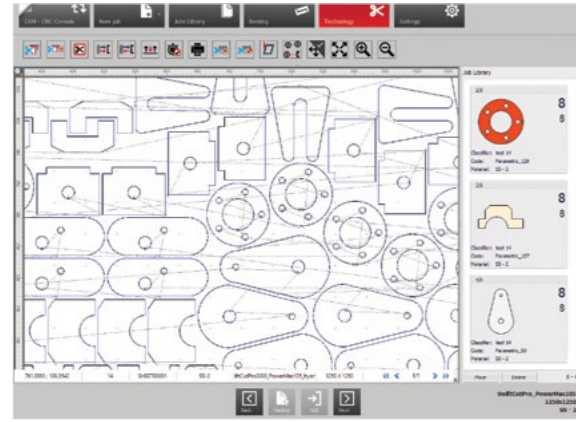
The Swift-Jet machine with its easy to use software, powered by Hypertherm HyPrecision pumps provides high quality cutting on a wide range of materials at a low-cost investment. Easy to use with exceptional aftercare and support, the Swift-Jet is the answer to affordable, high precision in-house cutting.



Swift-Jet is our new, affordable and easy-to-use waterjet profiling solution. Offering precision cutting and superior build quality, this smart machine can be used to cut textiles, rubber, foam, plastics, leather, composites, stone, tile, metals and much more. Our machines are calibrated using the very latest Renishaw ball bar testing equipment, ensuring outstanding dynamic positioning and repeatability.

SwiftCAM

Swift-Cut's easy to use software guarantees that anyone with a basic knowledge of computers will be capable of operating the Swift-Jet 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.

Micro joints

Tabs to prevent parts moving whilst cutting.

Bridges

Continuous cutting between parts to reduce cycle times.

Common-line cut

Cut along shared edges of parts.

Sheet Alignment

Align the cutting path with misaligned sheets on the cutting bed.

Reference points

User configurable reference points for jig fixtures.

Cut Quality

5 cut quality modes from fine to rough.

Parametric shape library

Over 80 configurable shapes.

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

Pre-programmed toolsets for common materials.

Customisable toolsets

Modify or create toolsets for new materials.

Job reports

Export job reports displaying scrap percentage and cutting times.

3D Cut Simulation

Play a 3D machine simulation of the cutting operation.

3D part preview

Preview the part in 3D before cutting.

Available in 2 sizes



SJ1500
1525mm x 1525mm
cutting area (5' x 5')



SJ3000
1525mm x 3050mm
cutting area (5' x 10')

Optional Extras

Water Softener and Boost Pump

Reverse Osmosis System

Water only cutting head

Standard tool kit

Benefits of Water jet cutting

- No heat ingress into material
- Precise repeatable cuts
- Can cut a range of materials including metals, stone, plastics, wood and foam
- Weld ready parts

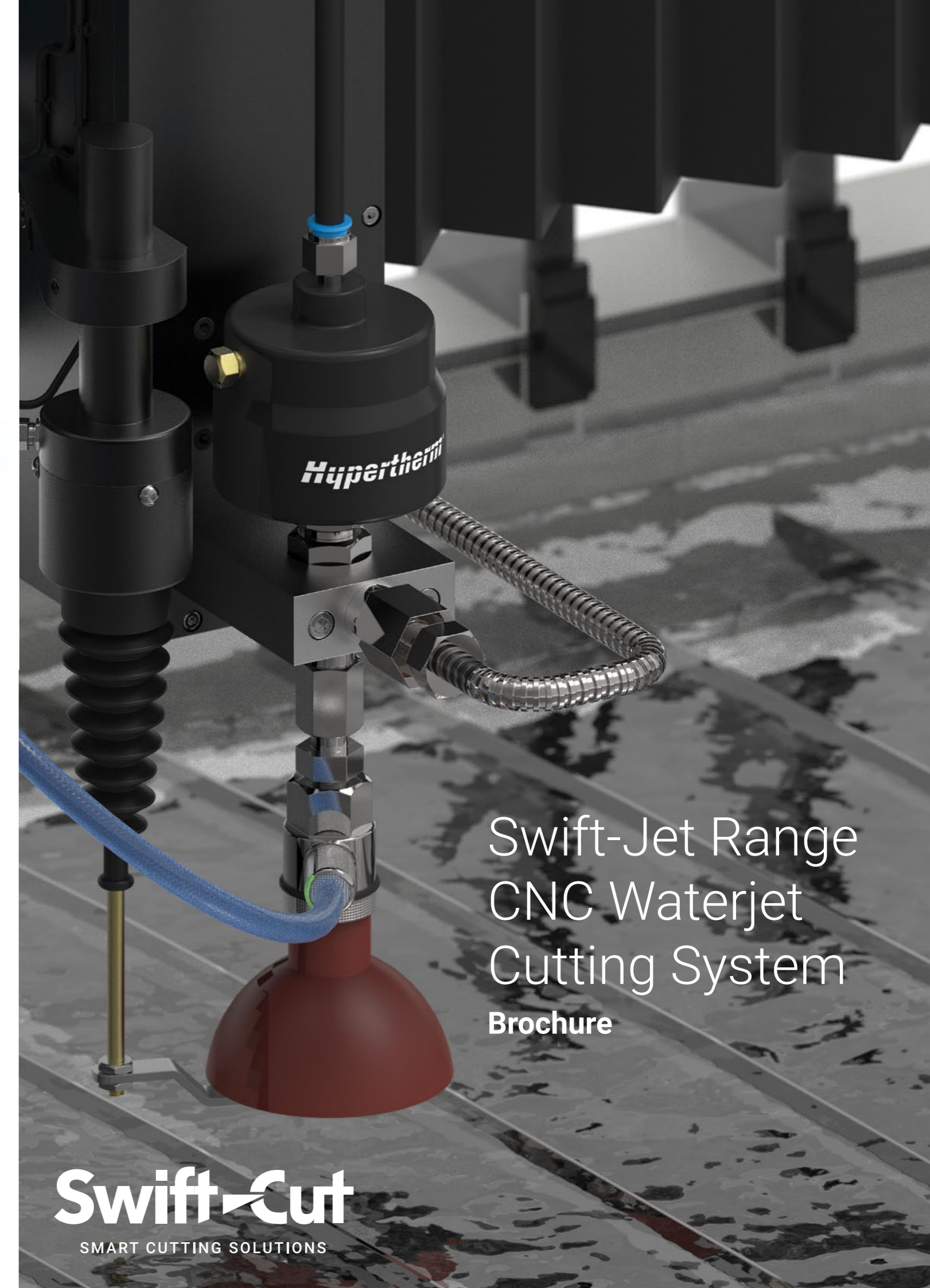
Machine Performance

Maximum traverse speed	Maximum Z clearance	Positional accuracy	Tank Depth
15m/min (590 ipm)	220mm (8.5")	0.0150mm (0.001")	840mm (33")

Pump Options

Source: Hypertherm

Model	Power	Pressure	Max. output flow	Max. orifice size
HyPrecision P-30	30hp/22kw	60,000psi/4136bar	2.3 l/min/0.60GPM	0.28mm/0.011"
HyPrecision P-50	50hp/37kw	60,000psi/4136bar	3.8l/min /1.00GPM	0.35mm/0.014"



Swift-Jet Range
CNC Waterjet
Cutting System
Brochure