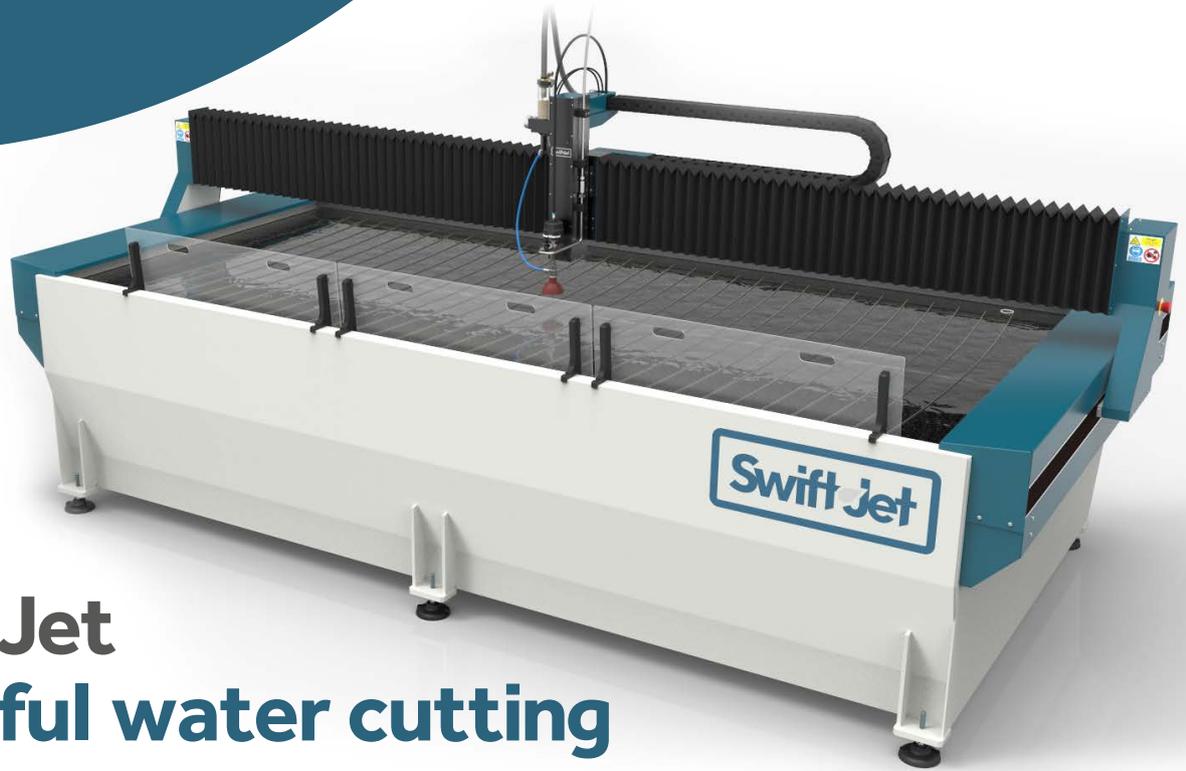


Swift Jet



Swift-Jet Powerful water cutting

Introducing Swift-Jet - our new, affordable and easy-to-use water cutting solution. Offering precision cutting, this smart machine can be used to cut textiles, rubber, foam, plastics, leather, composites, stone, tile, glass, metals, and much more.

Our machines are calibrated using the very latest Renishaw software and ballbar testing equipment, ensuring outstanding accuracy.

Drive system

- Dual-driven OMRON AC digital servo drives
- 1-1/4" ball screws fitted to X & Y axes
- Rigid ball-screw-driven low-mass Z axis
- Precision planetary gearboxes

Abrasive system

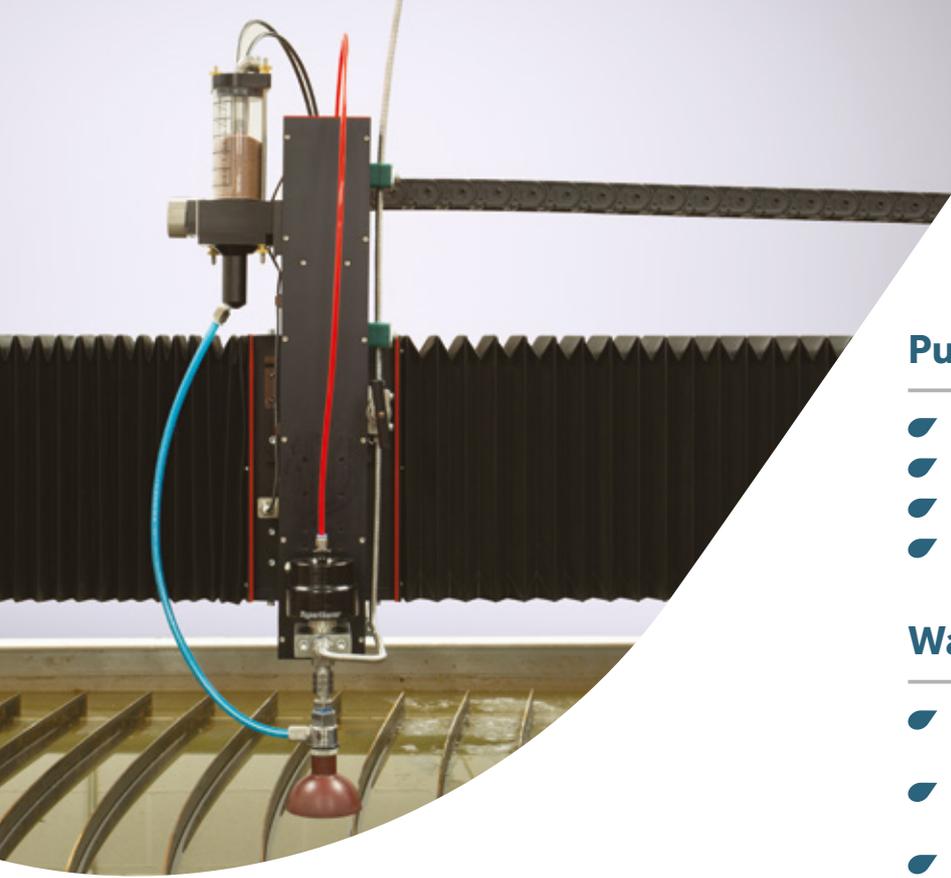
- Adjustable flow abrasive mini hopper at head
- Bulk tank feed hopper

CNC control

- Swiftdrive CNC control system
- Latest EtherCAT coms system
- Touchscreen control on standalone operator console
- Collision detection system
- Ability for online support and diagnostics
- Adjust Z axis on the fly

Protection

- Protective covers and bellows to drive chain



Software

- Swiftcam waterjet wizard
- Auto plate rotation
- Crash recovery

Machine structure

- Cross axis made from stress-relieved heavy steel section, precision machined for twin linear rails
- Side axis made from stress-relieved strong box section, precision machined and levelled for linear rails
- Fully installed and commissioned, complete with on-site ballbar testing to guarantee accuracy

Part number	X	Y	H	Weight lb	Cutting area
SJ510	13'8"	6'9"	5'6"	6280	5'2" x 10'
SJ55	8'9"	6'9"	5'6"	4080	5'2" x 5'2"

For more information contact
sales@swift-cut.com

Pump/head

- Hy-Precision 30 or 50 intensifiers
- Remote pump control
- Dialine complete head Abrasive and water-only head kits (option)

Water tank

- Heavy-duty steel integral water tank
- C-channel reinforcement to tank sides
- Epoxy coated
- Lifting eyes in base
- Easy three-sided access to cutting area
- Gantry parking at rear of machine for loading access

Swift-Jet statistics

Maximum cutting speed: 315"/min
 Repeatability: 0.001"
 Positional accuracy: 0.001" over 24"
 Rapid traverse maximum: 590"/min
 Z axis max clearance: 8-3/4"
 Depth of tank: 33"
 Air requirements: 90 psi/6,2 bar

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Powerful water cutting