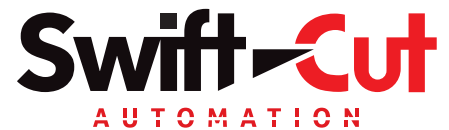


Technical Specification



Swift-Cut PRO 510 XP

Introducing the newest table in our collection, the PRO 510-XP is cutting edge in its design and more durable than ever. The 510-XP is designed with production cutting in mind, now available to work in conjunction with the Hypertherm MAX PRO 200. The new drives offer 400w AC servo motors across X+Y axis for improved accuracy.

The liquid cooled mechanized torch is mounted to a redesigned heavier duty gantry to provide a sturdy platform for high amperage cutting, this allows for a pierce capacity up to 1 1/4 (32mm) and improved cut speeds, with mixed gas cutting available on all plasma options. Add to that the opportunity to utilise the water mist technology, which will not only give you a precise cut but is the optimum technology for working with stainless steel and Aluminum, and the PRO 510-XP really is all its cut out to be.



Table Spec

- Cutting area able to take sheet size 5' x 10' (1500mm x 3000mm)
- Dropped rails for ease of loading
- Gantry parking to allow full sheet to be loaded overhead
- Compact robust steel frame design
- Section downdraft table
- Heavy duty gantry and head to suit high performance plasma source for increased cut performance and easy maintenance
- Linear guide rails
- 400w AC Servo motors with encoder feedback
- Planetary gearbox
- Dual drive Y axis
- Helical rack and pinion drives system.
- Rapid speeds of 708"/min (18,000mm/min)
- Digital Torch-Height Control (DTHC)
- Magnetic breakaway head eliminates damage to torch and improves machine safety.
- Proximity sensing for reliable and robust switching.
- Ball Screw z axis for precise torch height control

Features above standard range

- Ability to support 200amp plasma cutting 1 1/4 (32mm) pierce capacity
- Mixed gas cutting capability for improved edge finish and hole definition
- Increased consumable life
- Quicker cut speeds compared with the Hypertherm Powermax range
- Designed to perform in a production environment.

Freestanding Operator's Console

- Built in PC and 18.5" flat panel LCD monitor
- Wireless keyboard and mouse for ease of use
- Quad core cpu Intel i3 processor
- 500 GB hard drive
- 4 GB ram
- Industrial standard steel console
- Easy access for maintenance
- E-stop safety button
- External USB and network port for transfer of file and team viewer link to Swift-Cut

Software

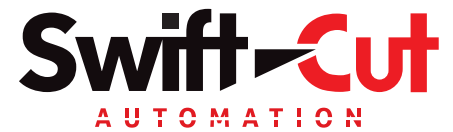
- Solid Edge 2D; CAD program
- Swift-Cam 3 CAD/CAM program features include:
 - Conversion of any DXF file to Swift-Cut machine code
 - Automatic part nesting
 - Automatic allocation of cut technologies
 - Parametric shapes
 - Preloaded cut tools, consumable recognition photos
 - 3D simulation of nested parts
- Swift-Cut CNC control system software.
- Windows 7 operating system
- Team Viewer for "anywhere" on-line support

Bed Options (Down Draft)

- Zoned downdraft bed for efficient fume extraction.
- Easy to remove dross trays for removing scrap metal quickly.
- Lift out cutting deck.

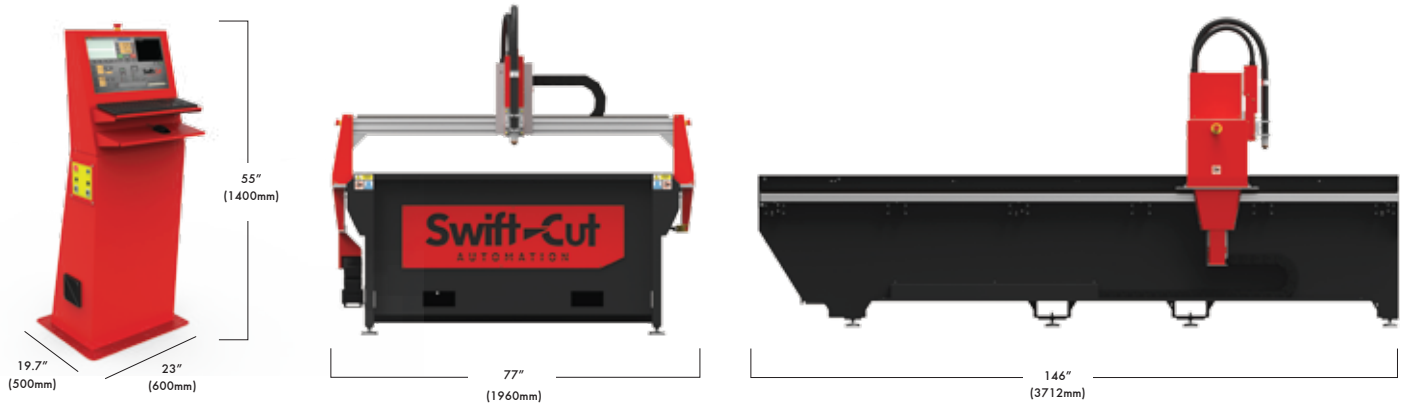


Technical Specification



Size / footprint

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 18' x 9' (5500mm x 2800mm) area including power source.



Extraction systems

- Van Dijk – Highcube
- Donaldson – DFPRO 4

Weight

3307lb

Plasma source Options



Max Pro 200

Material	O ₂ / Air			N ₂ / N ₂					
	Stainless Steel	Mild Steel	Aluminum	Stainless Steel	Mild Steel	Aluminum			
Max Pierce	1	1 - 1/4	1 - 1/4	-	1 - 1/4	-	1	-	7/8
Max Edge Start	2	2	1 - 1/2	-	2	-	1 - 1/2	-	1 - 1/2