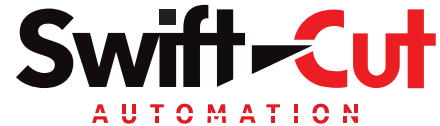


Technical Specification



Swift-Cut PRO 510

Swift-Cut Profiling Table

- Cutting area 5' x 10' (1500mm x 3000mm)
- Dropped rails for ease of loading
- Gantry parking to allow full sheet to be loaded overhead
- Robust steel frame
- Light head for cut performance and easy maintenance
- Smooth motion linear V wheels
- Powerful 4 N/m hybrid stepper motors
- Dual drive Y-axis
- Rack and pinion drive system
- Digital Torch-Height Control (DTHC) NEW quick response for improved cut quality and improved torch consumable life
- Dynamic Cut Control (DCC) on Powermax 65/85/105/125



INDUSTRY 1st UNIQUE TO SWIFT-CUT

- Software control of the plasma unit giving control of cutting amps and air pressure
 - Error messaging from Hypertherm plasma unit is now displayed on Swift-Cut control screen
 - Various cutting speeds can be applied to the same profile to improve cut quality.
- Ability to cut metal up to a thickness of 1" (25mm) depending on the Hypertherm Powermax unit selected
 - Magnetic breakaway head eliminates damage to torch and improves machine safety
 - Proximity sensing for reliable and robust switching.
 - Auto adjusting x-axis linear v rollers.

Options

- Swift-Trace camera for importing hand drawn images and converting to a DXF file
- Swift-Marker unit – integrated pneumatic marker. Automatically marks text, fold lines and centre marks

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

Water Table

- Water tray for efficient control of sparks and fumes
- Removable stainless steel splash guards for side rail protection
- Large drain and tap for quick and easy emptying

Freestanding Operator's Console

- Built in PC and 18.5" flat panel LCD monitor
- Wireless keyboard and mouse for ease of use
- Dual 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

Software

- Solid Edge 2D; CAD programme
- Swift-Cam 1 CAD/CAM programme (features include conversion of any DXF file to Swift-Cut machine code and the manual nesting of parts, generic shapes, preloaded cut tools, consumable recognition photos)
- Swift-Cut CNC control system software
- Windows 7 operating system
- Team Viewer for "anywhere" on-line support

Upgrades

Swift-CAM 2

All of Swift-CAM 1 plus Auto-Nesting software with 1 click plate utilisation

Swift-CAM 3

All of Swift-CAM 1 & 2 plus cutting path check auto correction, 3D simulator and a cycle time calculator

HVAC

Parametric shape library of adjustable drawings for creating quick 3D to 2D profiles commonly used in the HVAC market can be used alongside Swift-CAM 1 and 2 for auto nesting parts

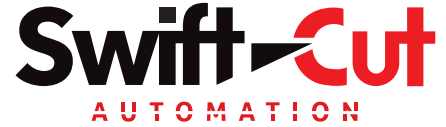
Plate Management

Available as a bolt-on module to Swift-Cam 3 this module allows you to obtain the real time availability of useable stock plate and track reusable remnants



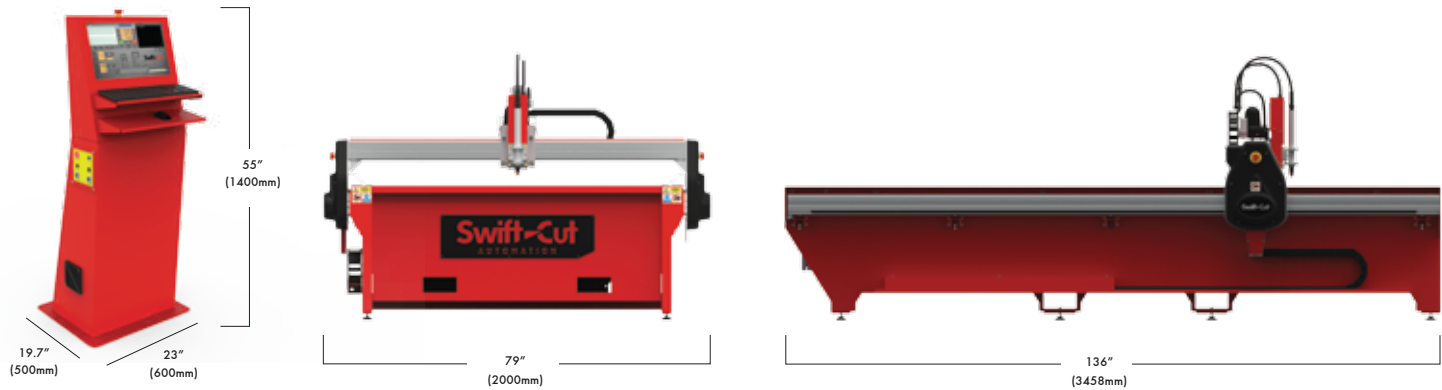
www.swift-cut.us

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 137.8" x 196.8" (3500mm x 5000mm) area including power source.








Extraction systems

Van Dijk – Highcube
Donaldson – DFPRO 4

Weight

2204lb

Hypertherm plasma source options

	 Powermax 45XP <small>single phase</small>			 Powermax 65			 Powermax 85			 Powermax 105			 Powermax 125		
Material	Stainless Steel	Mild Steel	Aluminum	Stainless Steel	Mild Steel	Aluminum	Stainless Steel	Mild Steel	Aluminum	Stainless Steel	Mild Steel	Aluminum	Stainless Steel	Mild Steel	Aluminum
Max Pierce	3/8	3/8	3/8	1/2	5/8	1/2	5/8	3/4	5/8	3/4	7/8	7/8	3/4	1	1
Max Edge Start	3/4	1	3/4	3/4	1	3/4	1	1-1/4	1	1-1/14	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2

Please note:

Table area above includes table, plasma source and console, it does not include the extraction system and applies only for the DownDraft option, the Water table option is an inch longer and wider.