Swift-Cut 3000

Swift-Cut Profiling Table

- Cutting area able to take sheet size 3000 x 1500 mm
- 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 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.

Optional extra

- 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 powered by Libellula; CADCAM 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

Contact us to book a live demonstration now[*]

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*You can visit our custom built training/demo suite or send us your own files and we can cut them in front of you in an online live demonstration over the internet