

PRO-CUT 1000

SERIES

2 Table Sizes
Available



Featuring
the **NEW Biological**
Plasma Fluid for the
PRO CUT 1000 Series
CNC Water Table

 **WILKINSON STAR**
wilkinsonstar.com

The cost effective space saving solution for CNC precision quality cutting demands

PRO-CUT 1000

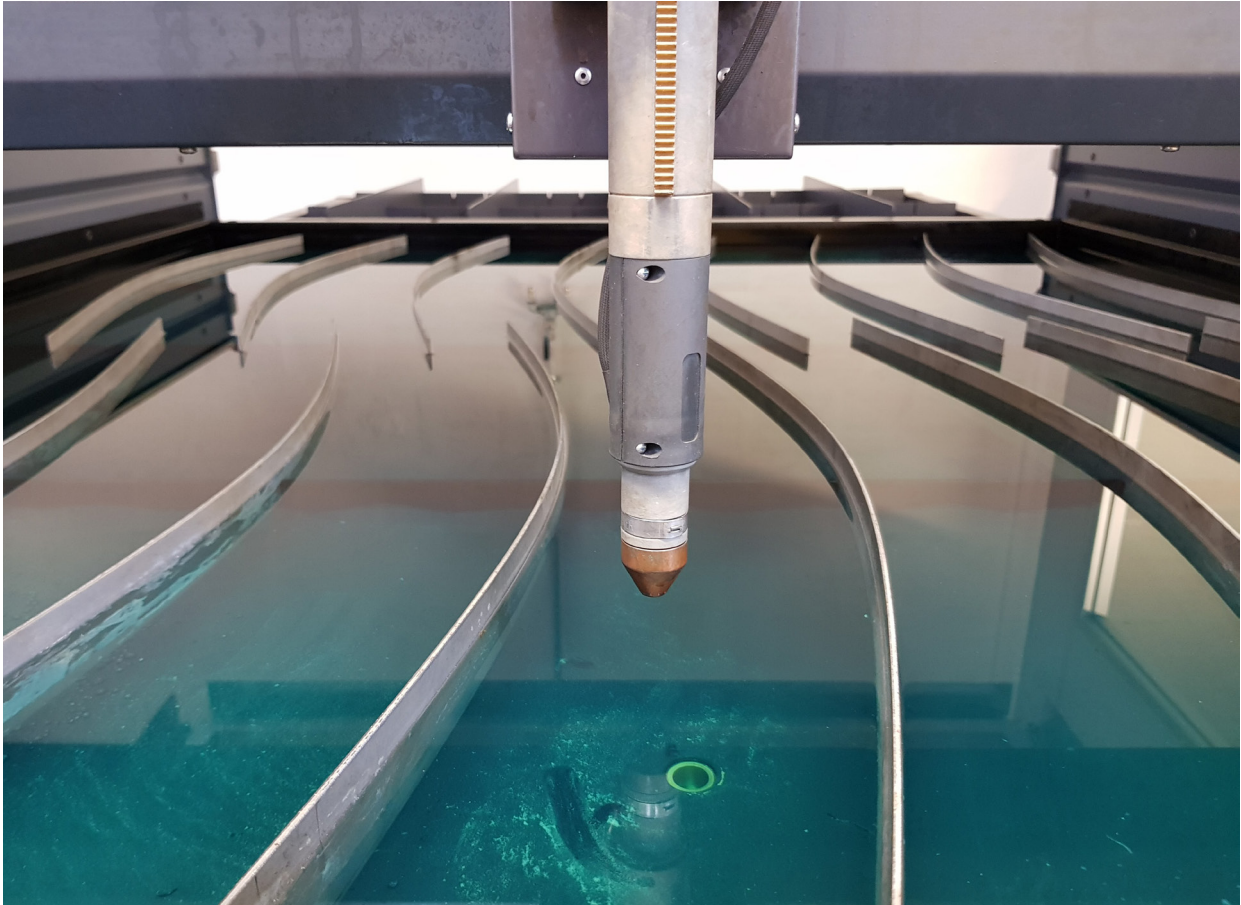
SERIES

Featuring the new Biologicut Water Table



The Pro-Cut Series CNC Cutting Table is ideally suited and specially engineered for educational sites (training centres and colleges), smaller workshops, metal fabricators and repairers. It's also a perfect fit for the design industry for detailed metal artwork.

Biologicut - A Plasma Fluid for CNC Water Tables



Pro-Cut 100 Series Water Table when used with Biologicut

- Greatly reduces the need for an air extraction hood
- Catches 98% of fumes and absorbs the majority of sparks
- Biologicut is an environmentally friendly fluid that is designed to be used in CNC Plasma water tables
- Prevents hot spotting, bacteria and foaming
- Biologicut is a safe, non toxic liquid that prevents growth of aerobic & anaerobic bacteria
- Biologicut is added to water at a ratio of 20:1, meaning that for 20L of water you require 1L of Biologicut
- Biologicut does not evaporate although water does, so only water needs to be added to maintain the 20:1 ratio



PRO-CUT 1000 Biologicut Water Table with Manual Torch Height Control

A CNC cutting table designed to meet the needs of the smaller company that cannot justify the expense of a large cutting table or who are restricted with space.

These tables are the perfect solution to produce in-house batch cutting or bespoke parts. Creating or import drawings with the installed software is easy and with the included operator training you will be up and cutting in no time.

Package Includes:

- 2 Axis cutting table
- Manual height plasma torch holder
- 'No collision' torch system
- 6m TM125 Plasma machine torch
- Biologicut water bed
- Control unit & cables
- Laptop (15.6" 8 GB Ram)
- Laptop stand
- Pre-installed software

Table Size Options:

- 1m x 1m
- 1.25m x 1.25m

Plasma Cutter Options:

- Jasic JP-45P
- Jasic JP-61
- Jasic JP-81



Electronic Control
Unit and Cables



No Collision Torch
System



Laptop
15.6" 8 GB Ram



Water
Tank



Standing
Desk



Extension Sheet
Support (optional)

Order Code:

AT-70001V

- 1m x 1m Plasma Cutting Table
- Manual Torch Height Control
- Biologicut Water Table
- 15.6" Laptop & CNC Box c/w Cables
- Laptop Stand
- Spacer Point - Kit of 8
- Fireproof Sheets - Kit of 3
- Biologicut 1 x 5 Litre
- Plasma Machine Torch TM125 6m c/w Rack

Order Code:

AT-70030V

- 1.25m x 1.25m Plasma Cutting Table
- Manual Torch Height Control
- Biologicut Water Table
- 15.6" Laptop & CNC Box c/w Cables
- Laptop Stand
- Spacer Point - Kit of 8
- Fireproof Sheets - Kit of 3
- Biologicut 1 x 5 Litre
- Plasma Machine Torch TM125 6m c/w Rack

PRO-CUT 1000 Biologicut Water Table with Automatic Torch Height Control (THC)

Our Torch Height Control system adjusts the torch height thousands of times per second to maintain a precise distance between the plasma torch tip and material being cut, ensuring on thinner material which are warped you will still experience smooth edges, sharp detail and precision cuts.



Automatic Torch
Height Control
(THC)

Package Includes:

- 3 Axis cutting table
- Automatic torch height control
- 'No collision' torch system
- 6m TM125 Plasma machine torch
- Biologicut water bed
- Control unit & cables
- Laptop (15.6" 8 GB Ram)
- Laptop stand
- Pre-installed software

Table Size Options:

- 1m x 1m
- 1.25m x 1.25m

Plasma Cutter Options:

- Jasic JP-45P
- Jasic JP-61
- Jasic JP-81



Electronic Control
Unit and Cables



No Collision Torch
System



Laptop
15.6" 8 GB Ram



Water
Tank



Standing
Desk



Extension Sheet
Support (optional)

Order Code:

AT-70001VHC

- 1m x 1m Plasma Cutting Table
- Automatic Torch Height Control
- Biologicut Water Table
- 15.6" Laptop & THC CNC Box c/w Cables
- Laptop Stand
- Spacer Point - Kit of 8
- Fireproof Sheets - Kit of 3
- Biologicut 1 x 5 Litre
- 6m Plasma Machine Torch TM125 c/w Rack

Order Code:

AT-70030VHC

- 1.25m x 1.25m Plasma Cutting Table
- Automatic Torch Height Control
- Biologicut Water Table
- 15.6" Laptop & THC CNC Box c/w Cables
- Laptop Stand
- Spacer Point - Kit of 8
- Fireproof Sheets - Kit of 3
- Biologicut 1 x 5 Litre
- 6m Plasma Machine Torch TM125 c/w Rack

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The power in inverter technology



For optimum cutting performance, we have partnered the Pro-Cut Table with the Jasic Inverter Plasma Cutting Machines. We offer a choice of 3 Jasic Plasma cutters with a table cutting capacity of up to 20mm to ensure you get the right Plasma machine to suit your needs. With proven reliability, performance and backed up by a 5 year warranty we guarantee peace of mind cutting.



Jasic Plasma Cut 45



Jasic Plasma Cut 60



Jasic Plasma Cut 80

- Latest IGBT Plasma Cutting Inverter
- Lightweight, portable robust design
- PFC energy saving inverter (Cut 45)
- Variable cutting control with smooth precise cutting
- 6m hand torch with Euro connection*
- Non HF ignition
- Soft touch panel & LED display (Cut 60 & 80)
- Simple operation
- 5 year warranty

Package Includes: Power Source • Plasma Torch • Earth Return Lead • Operating Instructions

| Power Source | Input Voltage | Current Range | Maximum Pierce Cut | Duty Cycle | I _{eff} | Rated kVA input | Weight (kg) Size (LxWxH) mm |
|-------------------|---------------|---------------|--------------------|------------|------------------|-----------------|--------------------------------|
| Plasma Cut 45 PFC | 230V | 20 – 45A | 6mm | 45A @ 35% | 20A | 7.8 kVA | 9 Kg 439 x 165 x 328 |
| Plasma Cut 60 | 415V | 20 – 60A | 16mm | 60A @ 40% | 9.5A | 10.8 kVA | 14 Kg 555 x 210 x 415 |
| Plasma Cut 80 | 415V | 20 – 80A | 20mm | 80A @ 40% | 12.6A | 15.8 kVA | 15 Kg 555 x 210 x 415 |

* For hand cutting performance information go to: Jasic.co.uk



Key Features and Technical Data



- 2 table sizes available:
 - 1m x 1m
 - 1.25m x 1.25m
- Water table featuring Biologicut fluid
- Supplied with or without automatic torch height control
- 230volt, 50/60Hz single phase power supply
- 230v or 415v Plasma power source options available with a cut capacity of up to 25mm
 - Cutting speeds up to 6000m/min
 - Cutting table features the 'collision stop' torch system
- Electronic control unit for both the manual & automatic torch height control options
 - Stepper Motor Drives
 - Import design files including DXF files
- Each system assembled and fully tested prior to delivery
- Intuitive software in 6 languages allows user to quickly and easily create design files even with limited experience and then move directly to the cutting phase in the minimum of time
 - CE Certified

| Technical Data | |
|---------------------------|--|
| Input Voltage | 230V AV 50/60HZ |
| Motors | Micro Step Motors 3amp |
| Axis | 2 (Z&Y) or 3 (X&Y&Z) Axis |
| Cutting Area | 1m x 1m (cutting area of 1m x 93cm) 1.25m x 1.25m (cutting area 1.25m x 1.25m) |
| Cutting Speed (max) | 6000mm per minute |
| Control System | Laptop controlled with USB interface |
| Max Weight on Table Bed | 160 kg |
| Plasma Torch | 6m TM125 with positioning rack |
| Dimensions (L x D x H) mm | 1400 x 1400 x 1200 (1m x 1m table) 1700 x 1700 x 1200 (1.25m x 1.25m table) |

| Package Part Number & Description | Included with Package |
|--|--|
| AT-70001V 1m x 1m Plasma Cutting Table Manual Torch Height Control Biologicut Water Table | 1m x 1m Biologicut Water Table 15.6" Laptop & Laptop Stand CNC Box including Cables Spacer Point - Kit of 8 Fireproof Sheets - Kit of 3 Biologicut 1 x 5 Litre Plasma Machine Torch TM125 6m c/w Rack |
| AT-70001VHC 1m x 1m Plasma Cutting Table Automatic Torch Height Control Biologicut Water Table | 1m x 1m Biologicut Water Table 15.6" Laptop & Laptop Stand Torch Height Control Unit THC CNC Box including Cables Spacer Point - Kit of 8 Fireproof Sheets - Kit of 3 Biologicut 1 x 5 Litre Plasma Machine Torch TM125 6m c/w Rack |
| AT-70030V 1.25m x 1.25m Plasma Cutting Table Manual Torch Height Control Biologicut Water Table | 1.25 x 1.25m Water Table 15.6" Laptop & Laptop Stand CNC Box including Cables Spacer Point - Kit of 8 Fireproof Sheets - Kit of 3 Biologicut 1 x 5 Litre Plasma Machine Torch TM125 6m c/w Rack |
| AT-70030VHC 1.25m x 1.25m Plasma Cutting Table Automatic Torch Height Control Biologicut Water Table | 1.25 x 1.25m Water Table 15.6" Laptop & Laptop Stand Torch Height Control Unit THC CNC Box including Cables Spacer Point - Kit of 8 Fireproof Sheets - Kit of 3 Biologicut 1 x 5 Litre Plasma Machine Torch TM125 6m c/w Rack |
| JASIC Plasma System Options | |
| JP-45P | Jasic Plasma Cut 45PFC (inc Hand Torch) |
| JP-61 | Jasic Plasma Cut 60 (inc Hand Torch) |
| JP-81 | Jasic Plasma Cut 80 (inc Hand Torch) |
| Pro-Cut Table Accessories | |
| AT-70037 | Extension Sheet Support 1m x 1m |
| AT-70035 | Extension Sheet Support 1.25m x 1.25m |
| AT-70036 | Ballpoint Supports for Extension Table - Kit of 10 |
| AT-70005 | Laptop Stand |
| AT-70008 | Spacer Point - Kit of 8 |
| AT-70009 | Fireproof Sheets - Kit of 3 |
| AT-50005 | Biologicut 1 x 5 Litre |
| AT-70029 | Vein Kit |