PRO-CUT 1000
SERIES

2 Table Sizes Available

Featuring

the NEW Biological

Plasma Fluid for the

PRO CUT 1000 Series

CNC Water Table

PRO-CUT 1000

W **WILKINSON STAR**
wilkinsonstar247.com

The cost effective space saving solution for CNC precision quality cutting demands
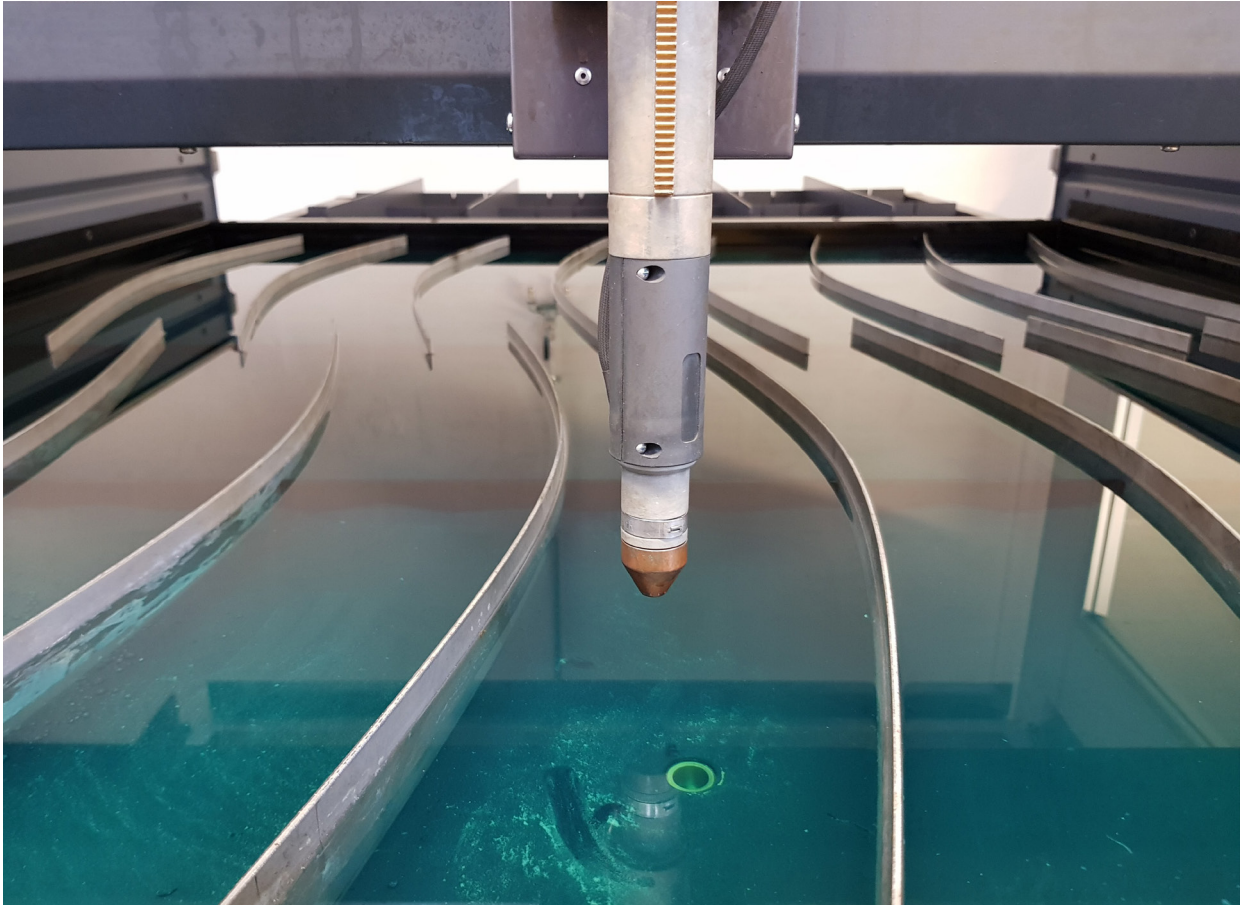
PRO·CUT 1000
SERIES

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.

PRO·CUT 1000 SERIES

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

BIOLOGICUT
Plasma Fluid
Designed for CNC Plasma arc tables
Fireproof · Biogredable · Non Toxic

PRO·CUT 1000 SERIES

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.

Manual Torch Height Control

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
Full 1 year warranty

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

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
Full 1 year warranty

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

PRO·CUT 1000 SERIES

JASIC
The power in inverter technology

5 Year Warranty* ON ALL MODELS

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	Maximum Edge Start Cut	Duty Cycle	Ieff	Rated kVA input	Weight (kg) Size (LxWxH) mm
Plasma Cut 45 PFC	230V	20 – 45A	12mm	15mm	45A @ 35%	20A	7.8 kVA	9 Kg 439 x 165 x 328
Plasma Cut 60	400V	20 – 60A	16mm	20mm	60A @ 40%	9.5A	10.8 kVA	14 Kg 555 x 210 x 415
Plasma Cut 80	400V	20 – 80A	20mm	25mm	80A @ 40%	12.6A	15.8 kVA	15 Kg 555 x 210 x 415

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

*5 Year Warranty subject to online product registration

PRO·CUT 1000 SERIES

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
- 230V, 50/60Hz single phase power supply
- 230V or 400V 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
- 1 year warranty
- 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)

PRO-CUT 1000 SERIES

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

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