Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For K4051

# CNC Plasma Robot & RAZER CUT 80 Package Deal - ARCDROID

Cut envelope of 660mm x 380mm
Includes Arcdroid Robot, Unimig RAZER CUT 80 Hand Plasma System, CNC Universal cable



**On Sale - Package Deal**

| | Ex GST | Inc GST |
|---|---|---|
| | ~~$5,990.00~~ | ~~$6,589.00~~ |
| | $5,890.00 | $6,479.00 |

| Package Contents - **SAVE $265.00 (Inc)** | |
|---|---|
| **1 x** P8990 - CNC Plasma Robot ARCDROID | **$4,235.00** |
| **1 x** C4301 - CNC PLASMA CABLE - UNIVERSAL | **$110.00** |
| **1 x** C4291 - Plasma Cutter RAZOR CUT 80 | **$2,399.00** |
| **Normal Price (Inc):** | **$6,744.00** |

| | |
|---|---|
| ORDER CODE: | K4051 |
| MODEL: | ARCDROID |
| Cutting capacity (mm): | 660 x 380 |
| Arcdroid input voltage (V / Amps): | 240 / 10A |
| Plasma input voltage (V / Amps): | 415 / 20A |
| Plasma cutting unit: | RAZER CUT 80 |
| CNC Cable: | Universal C4301 |

## Description

.
ARCDROID PLASMA ROBOT
If you can draw it, you can cut it
If you can trace it, you can cut it
If you can imagine it, you can cut it

Portable powerful and easy to use. ArcDroid™ brings CNC plasma to your garage or workshop. ArcDroid™ combined with our custom operating system with Simple Trace™ can accurately reproduce your designs delivering fast, accurate and repeatable parts from your plasma cutter.

Any table is a plasma table with ArcDroid™.

Simple Trace™
Point to point or free hand, trace your template and ArcDroid™ creates a cut file instantly. Simply use the ArcDroid™ arm to follow the contours of your template and high accuracy encoders map your every move. These trace files can easily be saved on a USB stick (not included) to access for future repeat  cutting.

Now all your cardboard cut outs are functional Cut files!
Cut envelope of 660mm x 380mm

UNIMIG RAZOR CUT 80 HAND PLASMA
Get all the power you need with this professional-grade plasma cutter, perfect for the worksite or workshop.
30mm clean cuts and 35mm cutting capacity
The CNC connection means you can use this machine for every kind of plasma application
Cut anything with the perforated cut mode

Cutting Capacity
Mild Steel: Get a 25mm clean cut and a severance cut of 35mm on mild steel.
Stainless Steel: Get a 22mm clean cut and a severance cut of 30mm on stainless steel.
Aluminium: Get a 22mm clean cut and a severance cut of 30mm on aluminium.

Cutting Modes
Solid: Cut through solid metal plate on any material.
Perforated: With the perforated cutting mode, you can cut materials like grating or mesh without interruption.
Gouging: Switch to gouging consumables to efficiently remove defects, welds, or pre-existing metal from your workpiece.

HD Backlit Interface
This next-generation interface panel is bright and easy to read in any environment.

Inverter Technology
Not every inverter is made equal. With UNIMIG's ever-evolving, state-of-the-art IGBT Inverter technology, you get better performance, better efficiency, and better reliability.

CNC Connectivity
Not just a handheld plasma cutter, the CNC connection lets you plug in a CNC torch and run it on a CNC table, so you can choose how you use it.

Pilot Arc Start
Start your arc on any surface: painted, greasy, or rusted, or don’t start on the surface at all. A pilot arc start will ignite the arc even from a short distance away, giving you better control and longer-lasting consumables.

Smart Fan
Smart Fan diminishes noise, saves power, helps reduce energy costs, and minimises the number of contaminants being pulled through the machine.

IP23S
Rated IP23S, so it’s protected from touch by fingers and objects greater than 12mm, and water spray less than 60° from vertical while still.

Additional Features
Optional Air Compressor Module: Our new RAZOR CUT 80 Air Compressor makes light-duty cutting and DIY projects effortless. Designed with a sleek, compact build, it's perfect for workshops and garages where space is limited or portability is essential.
Air Test: Check that your plasma cutter is running at peak performance. The air test ensures that your compressor is connected and that the air pressure is dialled in to produce the best cuts.
Generator Compatible: Take it anywhere. Connect the machine to a generator and use it wherever, whenever you need it. We recommend 18kVA for this machine.

## Features

- ARCDROID PLASMA ROBOT
- Light And Compact, Goes Anywhere, Weighs less than 16kgs !
- Fits in any shop and easily portable to job sites.
- Glove Friendly Touch Screen Interface, Easy to use and intuitive User Interface
- Quick change holders to move from trace to cut mode
- With Simple Trace™ technology, No external software or cad skills are required
- Import DXF drawing file direct via USB into ArcDroid™
- For advanced users ArcDroid™ is Fusion 360 compatible.

## Includes

- Arcdroid Plasma Robot
- Universal CNC Cable

- RAZOR CUT 80
- 6m SC80 Plasma Torch
- 3m 300A Earth Clamp
- Operating Manual

## Optional Accessories

- Unimig torch consumables

Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au



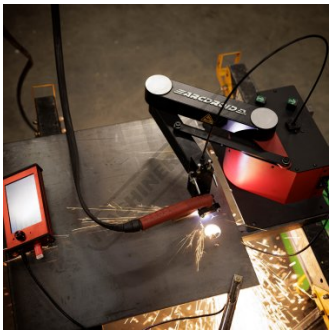
## Specific Features



Shown with Included Accessories



Universal CNC Cable



Cutting



Trace




Touch Screen Interface



Trace Pen In Holder



Import Via USB



Setup With Trace Pen



Plasma Torch Cradle

Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au



## Recommended Accessories

P8994
X2 Large cut indexing system



P9123
UNIMIG Machine Torch



C620
Plasma Torch Electrodes



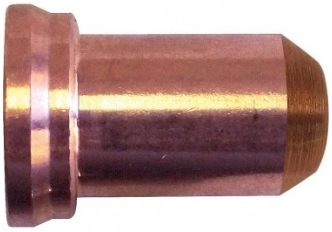
C624
Plasma Torch 0.9mm Cutting Tips



C625
Plasma Torch 1.0mm Cutting Tips



C6251
Plasma Torch 1.3mm Cutting Tips



C622
Plasma Torch Swirl Ring



C626
Plasma Torch Retaining Cup

