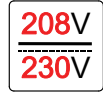


# COOLCUT40-air

Portable Plasma Cutter  
with Built-In Air Compressor and Filter



Plasma Cutting

CoolCut40-air package order no: **07001900**

WeldKing® **CoolCut40-air** professional plasma cutting machine come complete with built-in piston-driven oil free **air compressor** and high efficiency **water trap system**. Light weight and compact design provides the unit with ultimate portability while the ability to use **external** compress air provides the unit with best In class cutting performance.



The **No-Moving-Parts** design of the SG55 torch guaranties the consistence of the arc initiation, reduces cycle time between parts and saves you money in the long run.

Outstanding input voltage compensation allows the unit be powered by any **engine drive** with generator power or equivalent competitive equipment.

**ONE-KEY** user interface will greatly simplify the setup procedure.

**Automatic air regulation** compensates for input pressure variation to provide constant recommended torch pressure for optimum cutting performance.

**Intelligent postflow cooling circuit** extends life of consumables and torch by cooling them with postflow air after trigger is released.

## Process:

- ▽ Plasma Cutting (PAC)

## Applications:

- ▽ Light fabrication
- ▽ Construction
- ▽ Mechanical Contractors
- ▽ Plumbing & HVAC
- ▽ Farms & Ranches
- ▽ School and training facility
- ▽ Maintenance & Repairs
- ▽ Home Hobby
- ▽ Light industry
- ▽ Demolition work

## Quick specification

Input power	Air pressure	Duty cycle @ Max output	Input current @rated output	Max OCV	Dimension	Weight
AC 208V/230V 1ph, 60Hz	44-73 psi(3-5Bar) Recommend 65psi(4.5Bar)	31A/92.4V/100% 40A/96V/60%	33A (Max)	450V	20.4x8.3x15.7 in (52x21x40 cm)	40LB (18KG)
<b>Cutting capacity</b>	Use external compress air: Rated 3/8 in @ 10 ipm, 1/2 in @ 7 ipm. Severance 5/8 in @ 4 ipm Use internal compress air: Rated 1/4 in @ 12 ipm, 3/8 in @ 7 ipm. Severance 1/2 in @ 3 ipm					

## Standard unit includes

- ▽ 1pc: CoolCut40-air power source with 10 ft (3m) power cord with NEMA 6-50P 230V plug.
- ▽ 1pc: SG55 Plasma cutting torch with 16ft(6m) lead.  
**(Order No 07001812)**
- ▽ 1pc: 200A ground clamp with 16ft (6M) lead and 25 mm male Dinse plug.  
**(Order No. 07000464)**
- ▽ Internal air compressor.  
(external air connection and mounting bracket is also standard with the package).
- ▽ Built-in water-oil separating system.
- ▽ 1pc: Owner's Manual.  
**(Order No 07000419)**

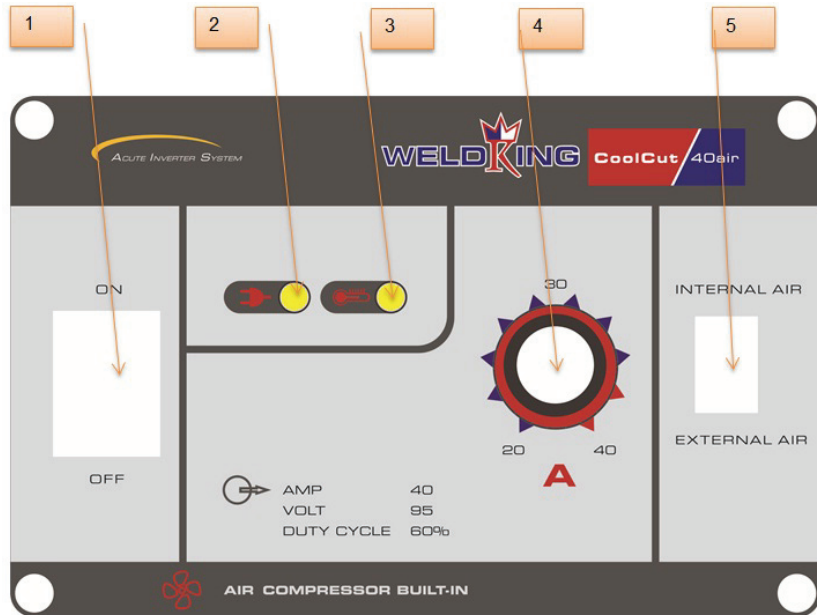


Manufactured at



Certified Facility

## Control configuration



1. Main power switch
2. Power indication light
3. Protection indication light
4. Current adjustment knob
5. Internal/External air selection button

## Accessories

A high precision oil/air filter/separator must be applied when connected to external air supply. Failed to do it will cause damage which is not covered by warranty!



High efficiency two stage water/oil separator with pressure reducer and regulator/gauge

**Order No 07001920**

Replacement filter 50um for primary stage

**Order No 07001922**

Replacement filter 5um for secondary stage

**Order No 07001923**



**SG55 plasma gun consumables:**

Tip 1.0mm **Order No 07Y2517005**

Tip 1.2mm **Order No 07Y2517006**

Electrode **Order No 07Y2517003**

Nozzle **Order No 07Y2517004**

Stand-off spring **Order No 07Y2517006**

**Malo Welding Products Ltd.**

271, Amber Street, Unit10, Markham, Ontario, Canada L3R 3J7

Telephone: 1-866-686-5088

www.weldking.com

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