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.

<table>
<thead>
<tr>
<th>Process:</th>
<th>Applications:</th>
</tr>
</thead>
<tbody>
<tr>
<td>▼ Plasma Cutting (PAC)</td>
<td>▼ Light fabrication</td>
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<tr>
<td></td>
<td>▼ Construction</td>
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<td></td>
<td>▼ Mechanical Contractors</td>
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<td></td>
<td>▼ Plumbing &amp; HVAC</td>
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<td>▼ Farms &amp; Ranches</td>
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<td></td>
<td>▼ School and training facility</td>
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<td>▼ Maintenance &amp; Repairs</td>
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<td></td>
<td>▼ Home Hobby</td>
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<td></td>
<td>▼ Light industry</td>
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<tr>
<td></td>
<td>▼ Demolition work</td>
</tr>
</tbody>
</table>

Quick specification

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

This information is accurate to the best of our knowledge at the time of printing, WeldKing® reserves the right to change at any time without prior notice.
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)

Control configuartion

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/seperator 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

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