MORE POWER!

POWERTEC® i380C
THE LEGEND EVOLVES....

www.lincolnelectric.eu
POWERTEC® i380C

POWERTEC® i380C ADVANCED is inverter based compact welder for MIG/MAG and MMA welding with colour screen & synergic. Powertec i380C ADVANCED has water cooling capacity by simply adding the new COOL ARC 26.

DESIGNED BY WELDERS, FOR WELDERS

POWERTEC® i is designed with attention to details

**Gun Holder:** always at hand, ready to work

**Robust Front Cover:** keep your user interface safe

**Large TFT Colour Screen:** good visibility from distance

**Storage Compartment:** keep your workstation organized

**COOL ARC® 26:** (option) higher current welding with water-cooled Mig gun, greater flexibility

**Quick Water Connection:** easy to connect

**Rubber Bumpers:** protect the feet of the welder

**Low Gas Cylinder Shelf:** easy install of gas bottle

**K14182-1**
INNOVATIVE INTUITIVE INTERFACE

- Simple navigation also when using welding gloves.
- Easy setting by selecting process & material thickness
- Visualisation of useful information (ARCFX™ joint configuration, welding defects...)
- Multi-language navigation menu

7” COLOR DISPLAY!

- Easy Process Selection
- Instructions on the screen

MORE FUNCTIONS & FEATURES

- AUTO-SETTINGS
  Preset parameters to increase productivity
- USB CONNECTIVITY
  Easy software update & diagnostics, weld log for quality monitoring
- COOLARC CONNECTIVITY
  Cooler fully controlled by power source: AUTO/ON/OFF for better energy savings and extended service life

PERFECT FEEDABILITY

- Optimized wire positioning: improved arc stability & reduced gun vibration
- 4 rolls/ all driven:
  • eliminates wire slipping
  • no wire deformation
- LED lights: better visibility
BUILT FOR THE HEAVIEST INDUSTRIAL CONDITIONS

Developed and tested under the hardest conditions (TRUE HD) to grant the reliability you need.

PREMIUM ARC PERFORMANCE

ARC INITIATION
Repetable arc ignition with outstanding arc characteristics.

ARC STABILITY
Excellent arc stability, ensuring a smooth droplet transfer, with reduced spatter.

ARC DYNAMICS
Rapid parameter adjustment allowing variability under welding conditions.

TECHNICAL SPECIFICATIONS

POWERTEC® i380C can be used both for MIG & STICK welding of steel, stainless steel, aluminium and MIG brazing applications.

<table>
<thead>
<tr>
<th>POWER SOURCE</th>
<th>POWERTEC® i380C ADVANCED</th>
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<tbody>
<tr>
<td>Main power supply</td>
<td>3 x 400 V ±(±5%) 50/60Hz</td>
</tr>
<tr>
<td>Max. primary consumption (A)</td>
<td>26.0 A</td>
</tr>
<tr>
<td>Efficiency at max current</td>
<td>88%</td>
</tr>
<tr>
<td>Idle Power (W)</td>
<td>&lt; 25 W</td>
</tr>
<tr>
<td>Power factor at max current</td>
<td>0.92</td>
</tr>
<tr>
<td>Duty cycle @ 40 °C</td>
<td>@ 40%</td>
</tr>
<tr>
<td></td>
<td>@ 60%</td>
</tr>
<tr>
<td></td>
<td>@ 100%</td>
</tr>
<tr>
<td>Current range max</td>
<td>10 A / 380 A</td>
</tr>
<tr>
<td>Dimensions (LxWxH)</td>
<td>900 x 560 x 870 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>69.2 kg</td>
</tr>
</tbody>
</table>

To order

POWERTEC® i380C ADVANCED
K14180-1

COOLARC®26
K14182-1
The new European regulation for Welding Equipment will soon be implemented and will require a phase out of conventional equipment. The new POWERTEC® i family complies with this regulation by having a minimum power source efficiency of 85% & an idle consumption which is below the new tolerated limit. Depending on your application, welding parameters & duty cycle, you can save up 3,700 kWh (≈480 €) per year and per equipment.

* 350A, 2 shifts a day with 30% operator factor
CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers’ particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

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