TOCCOtron AC – 25 kW
Technical Specifications:

- **Power Range:** 25 kW
- **Frequency Range:** 10 - 50 kHz
- **Input Line Voltage:** 400 / 480 Vac, 3 phase, 50 / 60 Hz
- **Input Power Factor:** ≥ .95

The 25 kW TOCCOtron® AC induction heating power supply represents the very latest in medium frequency inverter design. Features such as air cooled design, a wide conductance window and wide frequency range make this the most user friendly and versatile induction heating power supply on the market. The 25 kW TOCCOtron® AC from Ajax TOCCO is perfect for forging, melting, brazing, shrink fitting, pre-heating prior to welding, heat treating, bonding, curing, industrial bolting applications and much more.

**Features & Benefits:**

- 25 kW 100% continuous duty output
- 10-50 kHz frequency range
- Internal load matching components
- Transformer isolated output
- 100% air-cooled design
- CE certified (upon request)
- 3:1 conductance window eliminates load matching
- Available hand held process controller
- Hand held inductor options
- Remote load options
- Solid state (IGBT) current source inverter
- Compatible with other standard Ajax TOCCO accessories

www.AjaxTocco.com
### TOCCOtron® AC 087730

#### Cabinet Dimensions:
16 in W x 31 in D x 27 in H (407 mm W x 788 mm D x 686 mm H)

**Weight:** approx. 165 lb (75 kg)

#### TOCCOtron® AC – 25 kW – 087730

<table>
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<tr>
<th>Feature</th>
<th>Specification</th>
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<tr>
<td>Power Supply – TOCCOtron® AC®</td>
<td>25 kW</td>
</tr>
<tr>
<td>Cabinet Dimensions:</td>
<td>16 in W x 31 in D x 27 in H (407 mm W x 788 mm D x 686 mm H)</td>
</tr>
<tr>
<td>Weight:</td>
<td>approx. 165 lb (75 kg)</td>
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#### RC14 Communications

<table>
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<tr>
<th>Remote 14</th>
<th>Socket</th>
<th>Socket information</th>
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<tr>
<td>Remote On / Off</td>
<td>A</td>
<td>+24 volts DC</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>Contact closure to A activates HF output.</td>
</tr>
<tr>
<td>Remote Output Control</td>
<td>C</td>
<td>Command reference; +10 volts DC.</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>Control circuit common.</td>
</tr>
<tr>
<td></td>
<td>E</td>
<td>Input command signal (potentiometer wiper or 0 to +10 volts DC).</td>
</tr>
<tr>
<td></td>
<td>G</td>
<td>Not used.</td>
</tr>
<tr>
<td>Power Source Limit</td>
<td>F, J</td>
<td>Absence of internal contact closure between F and J signals power source error to remote control device.</td>
</tr>
<tr>
<td>Remote Metering</td>
<td>H</td>
<td>Not used.</td>
</tr>
<tr>
<td></td>
<td>I</td>
<td>Actual frequency output signal (1 volt / 10 kHz)</td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>Average power output signal (1 volt / 5 kW)</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Voltage output signal RMS (1 volt / 100 volts).</td>
</tr>
<tr>
<td></td>
<td>N</td>
<td>Output current signal RMS (1 volt = 100 Amps)</td>
</tr>
<tr>
<td></td>
<td>K</td>
<td>Chassis common.</td>
</tr>
</tbody>
</table>

#### RC14 Socket Information

- **U1**
  - 400 / 460V
  - I<sub>max</sub> 40A
  - P<sub>max</sub> 30.8 kVA

- **IP21S**
  - 10 kHz - 50 kHz
  - 0.2 kW to 25 kW
  - 3 ~ 50 / 60 Hz

- **10 kHz - 50 kHz**
  - 0.2 kW to 25 kW

- **Contact Closure**
  - X: 100%

- **Command Reference**
  - C: +10 volts DC

- **Control Circuit Common**
  - D: Common

- **Input Command Signal**
  - E: Potentiometer wiper or 0 to +10 volts DC

- **Remote On/Off**
  - F, J: Contact closure

- **Remote Metering**
  - H: Not used

- **Actual Frequency Output Signal**
  - I: 1 volt / 10 kHz

- **Average Power Output Signal**
  - L: 1 volt / 5 kW

- **Voltage Output Signal RMS**
  - M: 1 volt / 100 volts

- **Output Current Signal RMS**
  - N: 1 volt = 100 Amps

- **Chassis Common**
  - K: Common

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**USA:**
- Albertville, AL
  - +1-256-279-1200
- Wickliffe, OH
  - +1-440-295-0244
- North Canton, OH
  - +1-330-818-8080
- Longview, TX
  - +1-903-297-2526
- Madison Heights, MI
  - +1-248-399-8601
- Sterling Heights, MI
  - +1-586-254-9470
- Brookfield, WI
  - +1-262-317-6300

**Worldwide:**
- Brasil
  - 5535-3435-2074
- Belgium (Le Roeulx)
  - 32-64-67-37-77
- Canada (Ajax, Ontario)
  - 905-683-4980
- China (Shanghai)
  - 86-21-6800-9546
- England (Birmingham)
  - 44-121-322-8000
- France
  - 29-011-99-77-999
- Germany (Hirschborn)
  - 49-6272-9217-500

**Worldwide:**
- India: 91-72005-05004
- Italy (Turin): 39-011-99-77-999
- Japan (Tokyo): 81-3-3647-7661
- Korea (Seoul): 82-2-837-0413
- Mexico (Queretaro): 52-44-2221-5415
- Singapore: 65-9699-4089

* Upon request