### DESCRIPTION:
- Welding generator medium frequency 2000 Hz.
- 5000 A under 15 V
- Specialy adapted for high production rates, in manual or automatic operation
- Current regulation controlled by microprocessor to 0.5 ms
- High accuracy and repeatability.
- Lower value of maintenance.
- Management by a serial link to a PC through Soudax software.
- 60 programs and sub-program.
- Starting step by step, by sequencer, with external program or seam welding mode.
- 8 steps of welding program.
- Definition of time by step of 1 ms and possibility tu use or not a ramp.
- Definition of intensity by step of 1/100 or 1/250
- Force command when connected with proportional valve driven head or electromagnectic head (Soudax Patent).
- Current control (Intensity and Voltage) with mini / maxi giving a OK/BAD signal.
- Integrated management of the displacement control (Option CCE) with mini / maxi and Delta control (Soudax Patent) giving a OK/BAD signal. This system can also stop the cycle once you the expected displacement is reached.
- Every measure of each welding point are stocked and archived (under excel) in order to have the best quality follow up.

### CHARACTERISTICS:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>GMF 5KALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage</td>
<td>400V Threephased</td>
</tr>
<tr>
<td>Output voltage</td>
<td>32A</td>
</tr>
<tr>
<td>Output voltage maxi</td>
<td>15V *</td>
</tr>
<tr>
<td>Output current maxi</td>
<td>5 KA **</td>
</tr>
<tr>
<td>Frequency</td>
<td>2 KHZ</td>
</tr>
<tr>
<td>Regulation</td>
<td>1</td>
</tr>
<tr>
<td>Weld time</td>
<td>0 to 500 ms</td>
</tr>
<tr>
<td>Ramp</td>
<td>Yes from 1 to 200ms</td>
</tr>
<tr>
<td>Numbers of maximum welding programs</td>
<td>60</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 425 x P 440 x H 295 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>50 Kg</td>
</tr>
</tbody>
</table>

* Version 7V available on request

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Dedicated applications:
- Accumulator Packs
- Filtre kérosène
- Soudage d’un microswitch
- Pointage de filtre et soudure moliette
- Soudure étanche de tube titane
- Soudure de tamis métallique

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Linked products:
- TEM 01 S - TEM 10 S: Single Electromagnetic Head 01 DaN, 10 DaN
- TEM 50: ElectroMagnetic Head 50 DaN
- CS 10: Welding pencil 10 DaN