BOLT INDUCTION
HEATING SYSTEM

BRAND TS - Jagerserf 35 - 3851SM Ermelo
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HOW DOES IT WORK

1. The inductor is introduced into a hollow bolt and generates a magnetic field.

2. The effect of magnetic induction generates an elongation of the bolt.

3. Nut loosening is easily accomplished.

4. NUT
5. HOLLOW BOLT
6. INDUCTOR
7. MAGNETIC FIELD
8. HEATING LENGTH

9. EASY LOOSENING
   Once the bolt undergoes elongation, it is possible to easily remove the nut.

10. THREAD IS SAFE
    Thread is not affected by overheating.

11. INTEGRATED COOLING SYSTEM
    The inner cooling system allows to use the inductors for several consecutive hours.

12. CORE HEATING
    The magnetic field acts on the bolt core only to generate the elongation.

13. CUSTOMIZED INDUCTOR
    Inductors are built in accordance to custom technical specifications in order to fit perfectly into the bolt.
NEW FEATURES

A MAGNETIC INDUCTION HEATING UNIT FOR TIGHTENING AND LOOSENING HOLLOW BOLTS, TIE RODS, NUTS AND MORE.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Power</th>
<th>25 KVA</th>
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</thead>
<tbody>
<tr>
<td>Frequency range</td>
<td>5 ÷ 35 KHz</td>
</tr>
<tr>
<td>Supply</td>
<td>400V AC-3PH-50Hz (60Hz)</td>
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<tr>
<td>Electrical plug</td>
<td>32A 3P+E</td>
</tr>
<tr>
<td>Weight</td>
<td>205 Kg</td>
</tr>
<tr>
<td>Dimension</td>
<td>1000 x 830 x H 1000mm</td>
</tr>
</tbody>
</table>

NEW FEATURES COMPARED TO PREVIOUS MODEL KERA 30.1

More powerful | Reduced heating time and optimized efficiency thanks to the power regulation function according to the inductor size and shape.
Easy to manage | 4.3” color graphic display with easy menu and guided startup procedure so as to immediately set and use the machine.
USB port | Allows to download/upload configurations, save the operating data and send them to our technical assistance service for analysis.
Customizable inductors | Customization is our business. According to specific requirements we produce a wide range of inductors, in terms of both dimensions and shape.
Optional Functions | Timer, Ring-Shaped Inductors and Connectivity.
Smart system | Faults detection system with automatic power shut-off in case of alarm.
Diagnostics | This machine is designed to communicate remotely through wifi and modem connections. Through this function, is possible to provide a predictive maintenance service.
1. SINGLE HOOK
   Heavy-duty hook

2. WI-FI AND MODEM CONNECTION
   Helios communicates directly with us thanks to remote connection

3. FULL COLOR DISPLAY
   Managing the functions is immediate and practical thanks to a practical color display

4. USB PORT
   Evolution is the key of HELIOS, its system can be updated or restored at any time

5. WATER LEVEL INDICATOR
   Helios doesn’t need external water sources since it relies on an internal cooling system

6. WHEELS
   Helios-35 easily moves around the plant
INDUCTORS ARE BUILT IN ACCORDANCE TO SPECIFIC REQUESTS

INDUCTORS FOR HOLLOW BOLTS | RING-SHAPED INDUCTORS