DINSE – we are revolutionizing welding.

„welding torch with industry leading performance – gas-cooled!“

- unique cooling system
- proven 450A at 100% duty cycle
- optimized consumables

DINSE – we are revolutionizing welding.
DIX MET 3700  DINSE presents the newly developed welding torch for robotic welding. The DIX MET 3700 provides a proven 450A at 100% duty cycle. These results have been realized with a new design of the torch neck and gas cooling technology.

**Unique cooling**

The gas circulates within a cooling spindle and flows spirally along the inner tube to the contact tip. This enlarges the cooling surface significantly.

**Intelligent material selection**

The neck consists of a special aluminum alloy which reduces the weight of the welding torch. Thanks to the optimized heat exchange zones high temperatures can be dissipated effectively.

**Formidable strength of shape**

The support sleeve stores the heat and keeps it away from the inner tube. Thus the torch neck stays dimensionally stable.

<table>
<thead>
<tr>
<th>torch head:</th>
<th>CO₂:</th>
<th>mixed gas:</th>
<th>duty-cycle (DC):</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIX MET 3700</td>
<td>450 A</td>
<td>400 A</td>
<td>100%</td>
</tr>
<tr>
<td>DIX MET 3722</td>
<td>450 A</td>
<td>400 A</td>
<td>100%</td>
</tr>
<tr>
<td>DIX MET 3745</td>
<td>450 A</td>
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<td>100%</td>
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