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# FLAME STRAIGHTENING

WE WILL GET YOUR PARTS INTO SHAPE WHILST CARING FOR THE MATERIAL

## WHAT HAPPENS WITH FLAME STRAIGHTENING?

With flame straightening the work-piece is locally heated. A deformation occurs there because of the thermal expansion and the restricted movement. When cooling, shrinkage forces arise in the deformed zone, which cause the desired deformation.

With the **MESSER STAR flame straightening and heating torch** you can combat welding deformation and angular distortion without harming the material.

**MESSER – STAR – Flame Straightening Kit Acetylene/O<sub>2</sub> or Propane/O<sub>2</sub>**  
– for steel constructions up to **wall thicknesses of approx. 30 mm**

- the **simplest** and **easiest way** to get welded assemblies back into shape
- **fast heating** of the working area up to **straightening temperature of 550 to 650 °C**
- for **ship builders** and **constructions subject to certification**
- available in **different sizes**



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