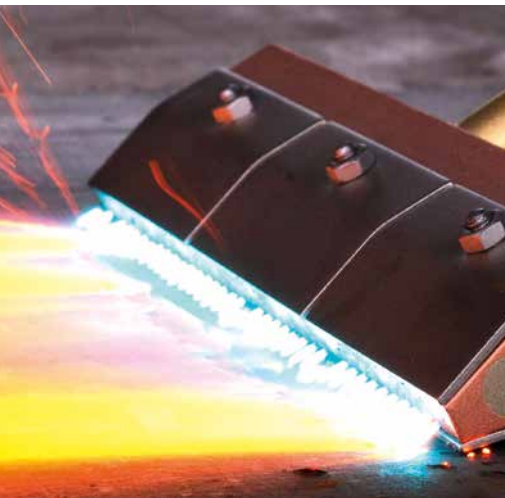


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www.griflam.de
griflam@messer-cs.de

MESSER 
Cutting Systems

GRIFLAM® HEATING TECHNOLOGY

GRIFLAM® *HEATING TECHNOLOGY*



Flame Washing
Flame Washing



Flame Straightening
Flame Straightening



Flame Soldering
Flame Soldering

COMPLETE SOLUTIONS, INDIVIDUALLY CUSTOMISED TO YOUR REQUIREMENTS

FLAME WASHING

With our Griflam® flame washing equipment metal surfaces can be descaled or de-rusted. This process is outstandingly suitable for environmentally friendly cleaning and for roughing concrete surfaces.

- De-rusting
- Descaling
- Burning off paint
- Renovating concrete
- Surface preparation
- Preparing for further coating

FLAME STRAIGHTENING

With our GRIFLAM® flame straightening equipment heat can be applied targeted and fast to pre-determined areas of the component to straighten without applying mechanical force.

- Engineering
- Steel production
- Production of rails
- Automobile industry
- Shipbuilding

FLAME SOLDERING

The widest variety of hard and soft soldering tasks can be safely mastered with our GRIFLAM® flame soldering torches. This is a joining process with the additional use of a filler material, the solder.

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- Sanitary equipment
- Cooling and air conditioning
- Engineering
- Pipeline construction

GLASS PROCESSING

The widest variety of tasks for processing glass and quartz glass can be safely mastered with our GRIFLAM® glass torch. As well as the high power of the torch, low a contamination through released particles is absolutely decisive. For this reason we also offer torches of stainless steel, chemically Nickel plated Copper and Silver.

- Glass processing
- Jewellery industry
- Glass fibre production
- Pipeline construction

PRE HEATING

With our diverse GRIFLAM® pre-heating torches, heat can be applied targeted to the areas of the components you require. The process is especially suitable for pre-heating and post-heating when welding and cutting, for shrinking processes and the pre-heating of casting moulds and ingot moulds.

- Cutting
- Forging
- Engineering
- Steel working
- Manufacture of rails and track

- Sanitary equipment
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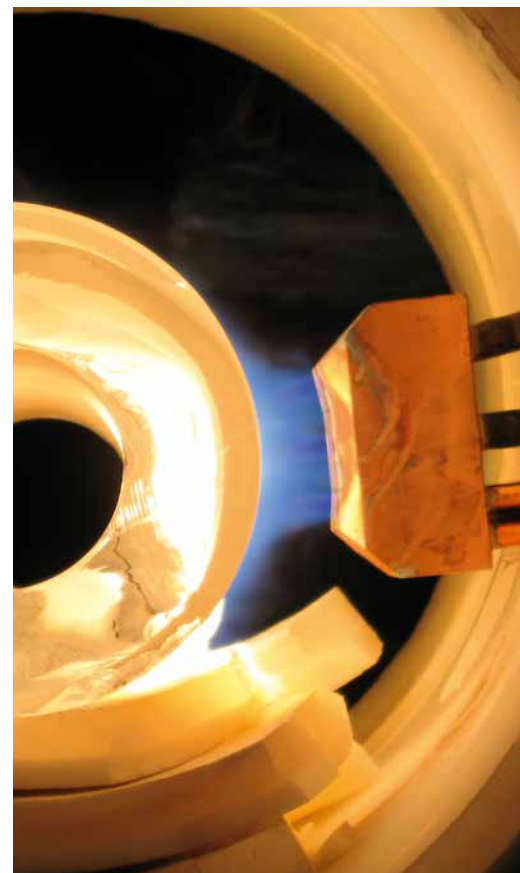
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Glass Processing
Glass Processing



Pre-Heating
Pre-Heating



Pipe Heating
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- steel mills
- engineering
- steel construction
- plant construction
- shipbuilding

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Flame Hardening
Flame Hardening

FLAME HARDENING

Through our individually manufactured GRIFLAM® flame hardening torches, heat can be introduced targeted to the case layers of the part. By quenching with water or compressed air the hardness can thus be increased in a targeted way and the surface protected against abrasion.

- toolmaking industry (pliers, axes, etc.)
- engineering
- steel working
- manufacture of rails and track

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