



Fabrication Services

KAEFER has significant fabrication services experience and capabilities and has developed unique systems that allows for the fast production of a large range of steel fabrication components.

Innovation is at the core of everything we do and to this end KAEFER utilises a combination of the latest Computer Numerical Controlled (CNC) sheet metal and insulation processing technology and in-house special purpose developed machinery and systems to provide superior quality components and products that invariably reduced lead times and on site manufacturing, increase quality and reduce waste.



6 plate guillotine



Mabi beader swage

Fabrication Equipment

- > Laser cutting machine
- > Plasma cutting machine
- > Pneumatic Mabi swage machine
- > Sheetmetal guillotines
- > Sheetmetal hydrabend machine
- > Sheetmetal lock formers / Pittsburg
- > Band cutting machines
- > Power sheetmetal rollers
- > Welding equipment

Fabrication Capabilities

- > Valve boxes
- > Flange boxes
- > Lobster segment bends
- > Equal tee sections
- > Un-equal tee sections
- > Straight casing
- > Pipe cladding sheetwork

NB: all work can be produced in stainless steel, aluminium and galvanised sheet.





Production Shop

Step 1: MODEL

3D Cad design software used to model the parts and test for fit. Alternatively, the parts can be modeled using scanning or digitising techniques.

Step 2: OPTIMISE

Cad files are converted to machine code and parts optimized/nested into standard block sizes.

Step 3: MACHINE

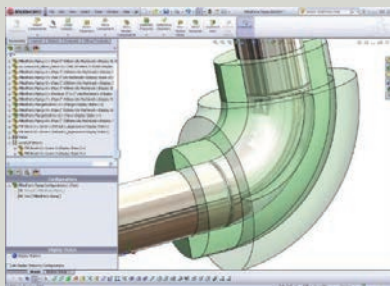
Materials are scheduled processes and parts marked to work packs.

Step 4: INSTALL

Parts are cleaned, packed into kits and ready for logistics..



Perforated lobster bend



The KAEFER Solutions Team

- > Technical experts in insulation design, fabrication and supply
- > Global procurement cost economies
- > Technical assistance with project execution
- > Supply only or supply and install

