



**Wolfard & Wessels
Werktuigbouw BV is an
innovative company in the field
of piping installations.**

Activities include:

- Piping engineering (3-D Cadmatic)
- Piping production (4000 m², tube welding and processing)
- Piping outfitting (on-site)
- Alignment of rotary equipment (engines, pumps)
- Commissioning of piping systems
- Supply of equipment and valves/fittings to complete a piping system

Fields of operation:

Shipbuilding:

- New building
- Ship repair
- Ship conversions
- Mega Yacht building

Civil industry:

- Food processing
- Liquid bulk handling
- Waste water processing
- Oil and gas handling (low pressure)



**INNOVATIVE PIPING SPECIALIST
| PREFAB PIPING**

TIME SAVING SOLUTIONS

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Tube Bending

Time Saver

Eliminating the need for welding of bends into piping systems has been the driving factor behind the current range of bending machines.

Specifications:

- Tube range: DN25 up to DN200
- Wall thickness: up to 8,8 mm
- Bends: from 10° up to 180°

- Bending radius: up to DN 50: 2 x D
up to DN100: 2,5 x D
up to DN200: 3 x D

Advantages:

- Smoother bends ensuring lower pressure losses
- Eliminating costs for bends
- Faster processing time

Tee Extraction

Time Saver

Any Tee, anywhere. Welding tee's are omitted.

Specifications:

- Running tubes range: DN32 up to DN300
- Tee's range: DN32 up to DN200
- Wall thickness: up to 8,8 mm

Advantages:

- Smoother transitions for T-connections, reducing flow turbulence.
- Higher degree of flexibility
- Size independent
- Eliminating costs for T-pieces
- Faster processing time

The process of extraction is completed with precise bevelling of the connection. Thus creating the right finishing for immediate welding of these branches.

Tube End Forming

Time Saver

The common tube connection by sleeves (additional material, cutting and welding), is replaced by a much simpler, safer and cheaper connection. A tube slides into the new Tube-end-formed pipe and is secured by a simple weld.

Specifications:

- Range: DN32 up to DN250
- Wall thickness: up to 8,8 mm

Advantages:

- Reduced labour costs
- Flexible tolerance
- Space saving (no flange)

Stainless steel tube connections can, where applicable, be executed without the need for backing gas during welding

Tube Collaring / Flanging

Time Saver

Desire for higher quality standards and faster processing of tubing have resulted in the application of collaring of tubing. Welding of flanges are of the past now.

Specifications:

- Range: DN32 up to DN200
- Wall thickness: up to 6,3 mm (Cold flanging)
- Wall thickness: up to 8,8 mm (Hot flanging)

Advantages:

- Short lead times
- No need for pickling stainless steel after flange application
- Independent flange orientation
- Constant high quality

Suitable for

- Food processing piping
- Chemical industries
- Shipboard piping

GENERAL

4000 m2 production facility in the city of Hoogezand, at the heart of the company's existence. We have been active in the shipbuilding piping and piping repair business since 1936. Next to shipbuilding, civil piping industry has been a significant part of our portfolio throughout the years. Since 2012 Wolfard & Wessels Werktuigbouw BV possesses the ISO 9001-2008 certificate, by Lloyds Register.

Piping handled:

- Steel
- Stainless steel
- CuNifer
- Aluminium

In addition to these materials, also GRE can be handled by our certified mechanics.

Approved by all major classification societies for application in shipbuilding piping (class III);

- Bureau Veritas
- Germanischer Lloyd
- Det Norske Veritas
- Lloyds register of Shipping

INNOVATIVE PIPING SPECIALIST



Hot dip galvanizing

In addition, the collared piping can be supplied hot dip galvanized. With an innovative process, the loose flange remains free of clogging to the pipe.

Hot dip galvanized piping can now be offered with the same flexibility as other piping. Ultimately this enables fast response in pipe replacements for galvanized piping. Pre-fab spools can be supplied within days, reducing down time to the very minimum.