



**VERMEER EEMHAVEN**

*Specialists in heat exchangers*



**SPECIALISTS IN HEAT EXCHANGERS**

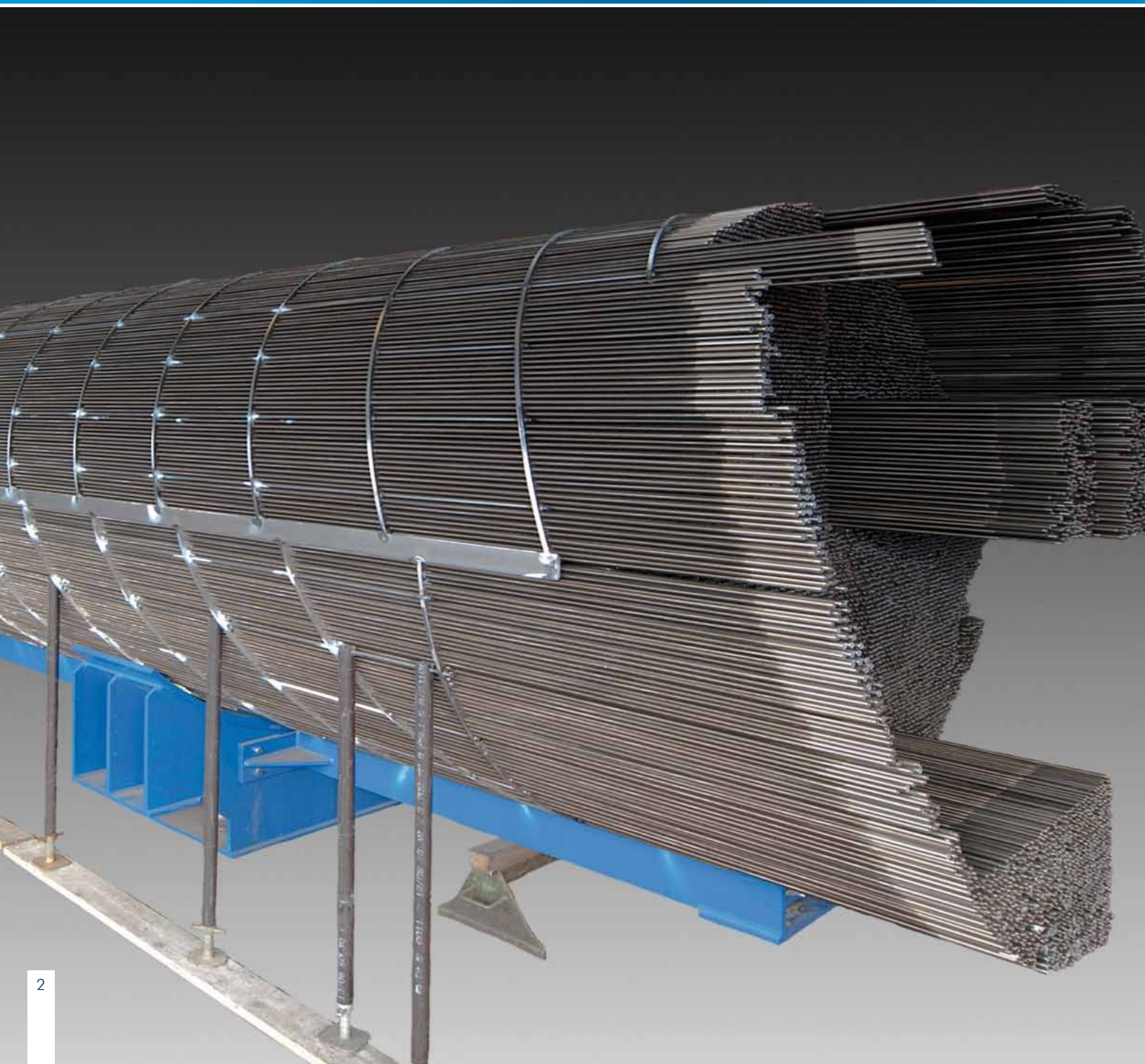
*... markedly efficient*



# 'SPECIALISTS IN HEAT EXCHANGERS'

**Since 1955**

specialist in fabrication and repair of heat exchangers



Vermeer Eemhaven is a specialist in fabrication and repair of heat exchangers for the oil, gas, chemical and petrochemical industry since 1955. We fabricate shell and tube heat exchangers and pressure vessels. Products like condensers, re-boilers, U-bundles and airfin coolers are our core business. We manufacture products in Cr-Steel, Monel, Hastelloy, CS, SS, Duplex SS, Titanium, Copper and Copper alloys.

We have 7 modern production halls carefully laid out to allow an efficient routing of the manufacturing process. This area includes all the required digitally controlled drilling, milling, boring, turning and grinding machines for an efficient fabrication and according specified tolerances. The engineering, design and administrative offices are arranged ergonomically, set up efficiently and computerised where necessary to maximize work output and manage the work floor.

Vermeer Eemhaven B.V. aims to fully satisfy our clients and therefore the efforts are concentrated on QA/QC systems, core specialisation and a flat organisation. This results in competitive prices and short delivery periods.



We produce following standards according: EN 13445, ASME VIII div.1, TEMA, HTRI, AD 2000 Regelwerk, PD 5500, RTOD. Our quality system is ISO 9001, TUV HPO, E 729 and U-stamp certified.



### Quality

Vermeer Eemhaven works with an extremely broad range of materials, including: CR steel, Monel, Hasteloy, stainless steel, Duplex, titanium, copper and various copper alloys. For each individual type of weld technique and each individual type of metal, Vermeer Eemhaven is the right specialist with all the necessary welding certificates.

# HELIXCHANGER® HEAT EXCHANGER OF TOP QUALITY!

### Conventional heat exchangers

Vermeer Eemhaven produces all types of heat exchangers: Powerful, durable and effective. Here, once again, our years of specialised know-how plays a significant role when it comes to the perfect advice and application. Whether you are an engineering agency or an end user - we look forward to advise you!

- Heat exchangers can be produced to the following capacities:
- Maximum diameter 2,500 mm.
- Maximum length 22,500 mm.
- Maximum weight 80 tons
- Maximum material thickness to 200 mm.

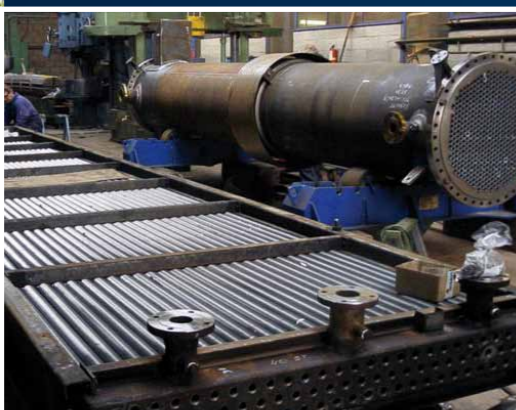
Vermeer Eemhaven manufactures this special Helixchanger® heat exchanger under license from CB & I Lummus Technology Heat Transfer B.V. These S & T heat exchangers are built according to the helical flow principle. Unique quadrants drilled on a angle allow the special plug-flow type. This means higher heat transfer and lower pressure losses. They are also more friendly to the environment. Additionally, this energy-saving design means lower greenhouse gas emission. The Helitower® is a variant of the Helixchanger® heat exchanger. With its vertical set-up and pure counterflow principle, a single Helitower® can replace an entire series of heat exchangers and is even very competitive in comparison with compact heat exchangers. Since its first introduction in 1998, the highly successful Helixchanger® heat exchanger has doubled the sales for Vermeer Eemhaven.

At approximately 40% of all projects, the Helixchanger® heat exchanger technology can replace conventional heat exchangers. Worldwide more than 2000 Helixchangers® heat exchangers are in operation, with an exponentially market growth. Vermeer Eemhaven is European market leader and one of the international leaders in terms of production quantities of such units. World's two largest high-alloy Helixchanger® and Helifin® heat exchangers are manufactured by Vermeer Eemhaven B.V.



### Engineering

Vermeer Eemhaven has its own engineering department. It goes without saying that this benefits our efficiency and the quality of the end product. We use the following software: Vessel Engineering Software, CEA systems, HTRI, AutoCad, Solid Edge. As specialists. We also use our in-house developed software for the various applications.



### Air coolers

Vermeer Eemhaven has all the necessary expertise and equipment to upgrade large air cooling installations one-by-one. Vermeer Eemhaven is also your number one contact for upgrading your heat exchanger with new materials.



... markedly efficient

## TWISTED TUBE® TYPE

This special design gives a helix stream of the fluid. This results in a high efficient heat transfer.

A Koch Heat Transfer Licence.

# DELIVERY PROGRAM

## STANDARD & ADVANCED SHELL & TUBE HEAT EXCHANGERS

Fluid/Fluid or Fluid/Gas.

## HELITOWERS®

## HELIXCHANGER®

We are a major manufacturer and have produced 10% of the sold Helixchangers® worldwide. At this moment we have manufactured the largest Helixchanger® ever build worldwide. Unique are the baffles, drilled in a certain angle which results in no dead area's, therefore, no fouling and better transfer.

A CB&I Lummus Heat Transfer Licence.

## INDUSTRIES

Oil & Gas  
Chemical  
Petrochemical  
Pharmaceutical

## QUALIFICATION & STANDARDS

The company, from administrative department to work preparation, to production, to quality control, to transportation is entirely integrated with ISO 9001 quality Assurance system, certified by BVQI. The chapter Environmental has been included as well. We work with all major international standards like: U-stamp (certified), ASME, PED, BS, AD Merkblätter, TÜV (certified), NORSOK, DutchStoomwezen, TEMA, GOST etc.

The company has incorporated a VSD (Vermeer Software Development) department since 2008. In this department special programs are being developed for various divisions with the main priority to enhance quality and shorten lead time.

Some operational software are

- Application for generating 3D models of TEMA type heat exchangers
- Tube layout generator
- Weld volume calculator
- Internal Data managing system
- TEMA application
- Interfaces between various programs (ERP-systems and Cad systems)



EUROPOORT

BREDA - DORDRECHT



Bunschotenweg 110 - 3089 KC Rotterdam - The Netherlands - Harbour no.: 2699  
Phone +31 (0)10 42 9 96 66 - Fax +31 (0)10 429 31 90  
E-mail [info@vermeereemhaven.nl](mailto:info@vermeereemhaven.nl) - Internet [www.vermeereemhaven.com](http://www.vermeereemhaven.com)



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