



**FEST  
SPAN**

# Systematic Deep Hole Drilling

# *FEST-SPAN - Your Partner for Future Business*

Founded in 1990, expansion-oriented FEST-SPAN GmbH has established successfully in the European market as efficient supplier for the apparatus engineering industry, especially for deep hole drilling and milling tasks.

Being very flexible, FEST-SPAN is specialised in manufacturing large parts such as heat exchanger plates and condenser bottoms with an individual weight of up to 30 tons and dimensions up to 8,000 x 5,000 mm. Our CNC-machines allow e.g. deep holes of 750 mm to be drilled with tolerances of +/- 0.05 mm in true alignment.

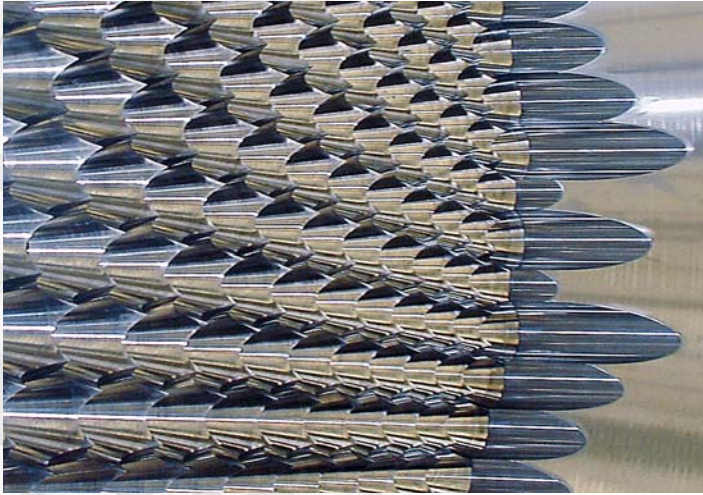
Our proximity to customers and capability of fulfilling special requirements regarding material and execution of parts gives you the guarantee of a punctual and optimum delivery of the workpiece.

Our workshops are favourably situated as regards traffic facilities. Coming by the motorways A4 and A45, you can reach us from the motorway exit Wenden in about 10 minutes.





# Our Workshops



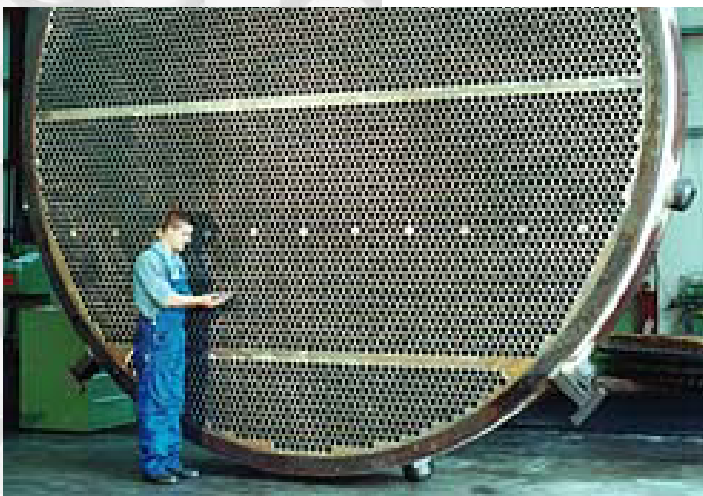
On 1,200 m<sup>2</sup> our modern workshop shall contain machines and facilities for boring workpieces with an individual weight of up to 30 tons.

Parts with a diameter of max. 4,800 mm are machined on CNC jig boring machines. In addition to new CNC deep hole drilling machines capable of drilling depths up to 1,000 mm with highest surface qualities, FEST-SPAN also has CNC travelling column milling machines to machine workpieces with dimensions up to 8,000 x 5,000 mm.



Programming of our CNC-machines is done fast and cost-efficiently with the help of our own software applications.

As a completion of our performance range, we also offer the execution of turning works, water-jet and laser cutting.



# Quality is our Speciality

High-quality products require an exact, complete and reproducible quality assurance.



We as manufacturer must therefore choose the optimum production method already during manufacturing planning.

From the evaluation of the raw material and the continuous check of all manufacturing tolerances until the delivery on schedule to our customer of a workpiece which is also visually unobjectionable, our manufacturing processes are subject to a permanent quality inspection.



Our quality management according to DIN EN ISO 9001 is your guarantee for a high-class machining.

**Mechanische Bearbeitung;  
Spezialgebiet: Bohr- und Frästechnik**

ein Qualitätsmanagementsystem  
eingeführt zu haben und anzuwenden.  
Bei einem von Moody Q-Zert durchgeführten Qualitätsaudit  
wurde der Nachweis erbracht,  
dass dieses Qualitätsmanagementsystem die Forderungen  
der folgenden Norm erfüllt :

**DIN EN ISO 9001:2000**

Dieses Zertifikat ist gültig bis 07.10.2005  
Zertifikat Registrier-Nummer 02203

Pforzheim, den 07.10.02

  
Lenkungsmitglied  
Dr. Hans Eberhardt

  
Geschäftsführer  
Uwe Sälzle

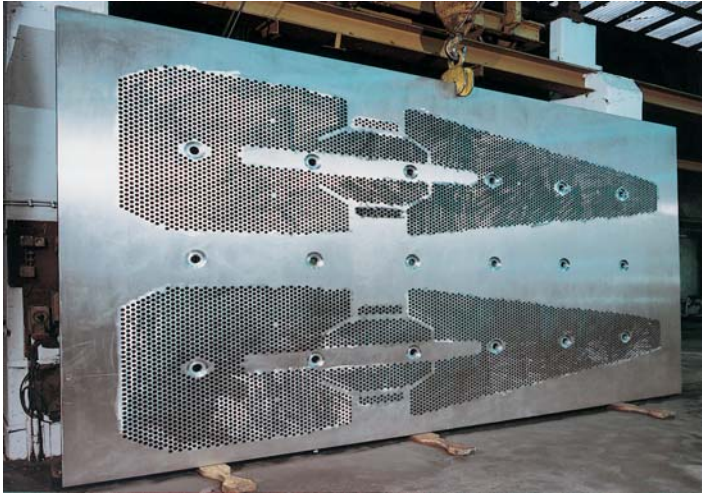
Moody Q-Zert GmbH - Raimundstraße 10 - 73175 Pforzheim



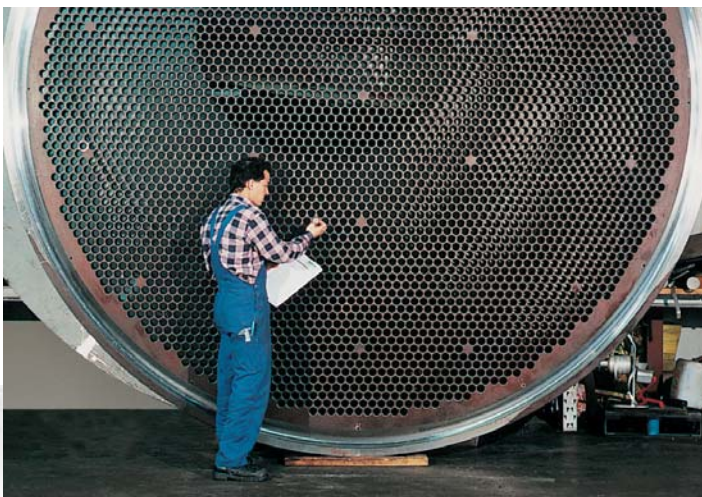
TGA-ZM-07-93



# The Production Range



FEST-SPAN manufactures according to customer specifications or own calculations products such as heat exchanger plates for the power station industry, the chemical and petro-chemical industry, the food industry, for fertilizer production, oil coolers and other cooling systems, as well as valve trays and filter plates.

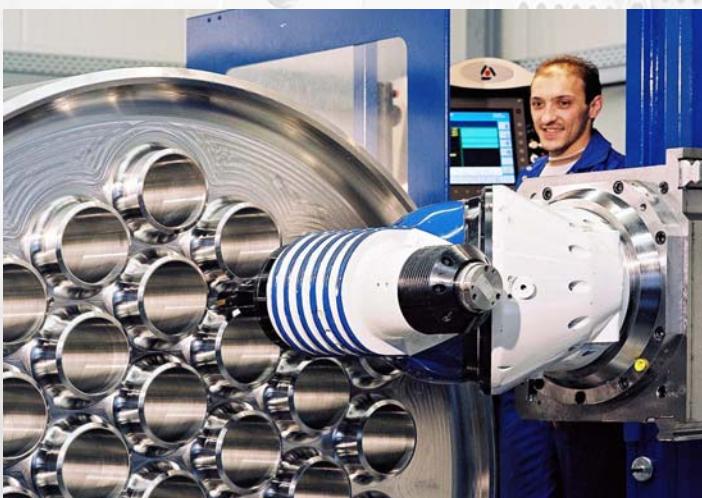


We machine steels from H II up to V 4A (1.4571), non-ferrous metals, cast iron, titanium and coated plates, haste alloys, aluminium and plastics.

Possible dimensions are:

- individual weights up to 30 tons
- 8,000 x 5,000 mm CNC-machined
- drilling depth max. 1,000 mm
- workpiece inclination max. 30°

Drilling of inclined surfaces up to a max. inclination of 30° is one of our additional particular services.



On customer's demand, we are well prepared to procure all materials for machining.

# Service Orientation is our Company Philosophy

**Anfrage / Angebot**

**Absender:** Mustermann GmbH, Musterstraße 99, 99999 Musterstadt  
**Telefon:** 01234 123456  
**Telefax:** 01234 123457  
**Ansprechpartner:** Herr Mustermann  
**Anfrage-Nr.:**  
**Kommissions-Nr.:**

**FEST-SPAN GmbH**  
Am Dassenborn 11  
D-57482 Wenden  
**Telefon:** 02762 / 9763-0  
**Telefax:** 02762 / 9763-33  
**info@fest-span.de**  
<http://www.fest-span.de>

**Rohrböden** (ohne beidseitigem Mantelschluss)

0	Rohrböden aus Werkstoff	1.0038	Durchmesser	0	mm x	0	mm dick
0	Bohrungen	∅ 0,00	mm Toleranz +	0,00	Oberfläche	Fehler	µm
			Toleranz -	0,00			
0	Walznuten pro Bohrung	0	mm breit	0	mm tief		
0	Flanschbohrungen	∅ 0,00	mm				
0	Ankerbohrungen	∅ 0,00	mm x	0	mm tief		
0	Sonstige	∅ 0,00	mm x	0	mm tief	0	Gewinde G1

Entgraten Vorderseite 0,00 mm x 0 Radius 0,00 mm Scharfkantig entgratet Nein  
Entgraten Rückseite 0,00 mm x 0 Radius 0,00 mm Scharfkantig entgratet Nein

**Umlenkbleche**

0	Umlenkbleche aus Werkst.	1.0038	Durchmesser	0	mm x	0	mm dick
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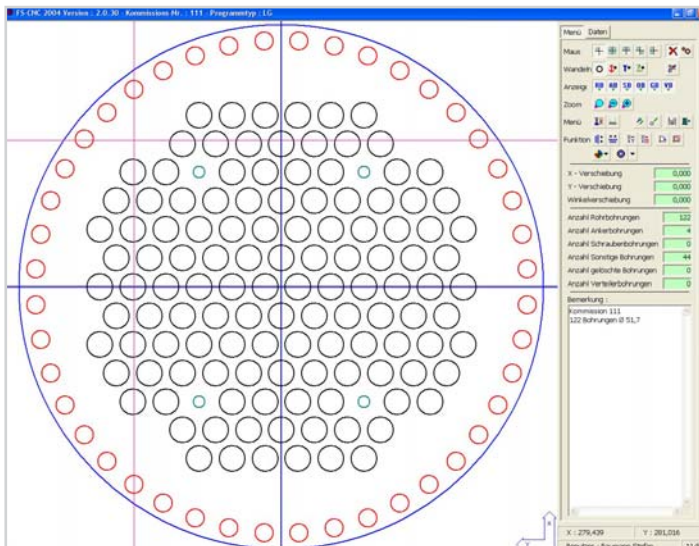
As a special service, we offer an order form already in the project planning phase that considerably improves the time-consuming enquiry processing.

Additionally, we offer an innovative computer programme that enables you to make a just-in-time calculation. The user is guided stepwise through all stations of the enquiry with all necessary information being asked and displayed. This programme contains FEST-SPAN's entire calculation experience.

By clicking on a calculation button, the user gets a binding price.

Subsequent changes of the mechanical values (tolerances) or the choice of alternative materials (from lists) influencing the price can be easily included by re-clicking the calculation button. Together with the print, the customer gets a binding quotation.

Prior to production start, we have the possibility to check the customer's requirements once again. With our own software applications, our CNC-machines can then be programmed quickly and competitively.



## FEST-SPAN GmbH

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