



**On-site service  
for SIGMA plate  
heat exchangers**

**API Heat Transfer**

*... world leaders in heat transfer technology*

## SIGMA – On-Site Service

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SIGMA plate heat exchangers made by API Schmidt-Bretten represent optimal solutions for individual production conditions.

Precise performance design, sophisticated manufacturing methods for all components and perfect adaptation of all components to the production conditions on site add up to a heat exchanger of highest quality.

In order to constantly maintain and preserve the reliability and efficiency of your equipment and to guarantee the safety of your production process, we offer you a comprehensive service program – “cut-to-size” for your personal requirements, because

**a preventive service conception according to your individual requirements pays off – from the beginning !**

Correct timing of service intervals, effecting regular inspections and thus being able to arrange far-sighted service action plans avoid unexpected interruptions of the production process and prolong the service life of your SIGMA plate heat exchanger.

We would be pleased to develop an individual and customized service conception together with you.

Thus you gain a high degree of operational safety and produce at optimized costs.

### **SIGMASERVICE provides ...**

- **Assembly and Commissioning**
- **On-site breakdown support**
- **Preventive service inspections**
- **Bring-in service for reconditioning**
- **Comprehensive spare parts supply**

## Updated Service

Our service center in Bretten coordinates the manpower schedule of our service specialist firms.

The **service center** in Bretten offers you ...

- Service hotline
- Coordination of manpower-on-site-service
- Cost estimates for service actions
- Quotations for original spare parts and accessories
- Reconditioning of complete plate packages or single plates in our factory
- Central accounting for all service actions

Range of services of our **On-Site Staff**

- Qualified service technicians  
Specifically trained technicians of our authorized service partners assure you a quick and qualified service on site.
- Assembly and start-up of new plate heat exchangers
- Modifications or extensions of existing plate heat exchangers
- Exclusive use of original SCHMIDT spare parts
- Maintenance and trouble shooting
  - regular preventive maintenance according to maintenance schedule.
  - corrective maintenance in case of breakdown occurred or emerging.
  - preventive inspection and maintenance according to your time schedule



### Maintenance / Inspection comprises :

- ✓ Tension control
- ✓ Opening of the plate heat exchanger
- ✓ Controlling the degree of fouling
- ✓ Inspection of plate package  
crack detection test on suspect plate areas if necessary
- ✓ Controlling condition of gaskets
- ✓ Control of frame parts
- ✓ Definition / Planning / Execution of maintenance actions such as :
  - Cleaning
  - Gasket replacement
  - Complete Reconditioning
  - Installation and modification of plate packages (alternatively installation of surface coated plates if necessary)
- ✓ Modification / installation of pipework for plate heat exchangers. Assembly of the plate heat exchanger according to plate diagram.
- ✓ Compression of the plate heat exchanger up to initial gage
- ✓ Leaking test under operation condition
- ✓ Issuing an inspection report



# API Heat Transfer ... the competent, innovative and flexible partner



First class technology from an up-to-date plant

**API Schmidt-Bretten** is a market leader in thermal process technology since decades because of its extensive know how. More than 100.000 SIGMA plate heat exchangers with varying constructions and a large number of thermal systems are well proven in many industrial sectors for the processing of all kinds of thermal liquids. Most updated production equipment, perfected know-how and high quality levels ensure first class products.

A worldwide network of subsidiaries and representations keeps close contact to our customers to give them the best possible service. Being part of the API Heat Transfer Group in Buffalo / USA, Schmidt-Bretten participates in the widespread engineering capabilities of the group and with the complementing products opens up a wide field for thermal solutions.



SIGMA –  
gasketed plate heat exchangers



SIGMAWIG –  
all welded plate heat exchangers



Systems –  
for the thermal treatment of liquids

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