



**Forging steel
since 1891.**

We develop, produce and market sophisticated, customer-specific product solutions made of steel.

Over 125 years of experience makes us experts when it comes to closed-die forging, heat treatment, metallurgy, welding processes, machining and manufacturing of components.



Forging methods:

- Closed-die forging
- Hot extrusion



Process reliability:

- Simulation of the processes
- Automation
- In-process quality assurance

Advantages and properties of forged components:

Optimised weight and increased fatigue strength.

Due to:

Defined grain structure, high ductility, high core density.

Our components ensure that liquid and solid substances are reliably separated at up to 12,000 rpm.

Please get in touch for further information and our tailor-made solutions.



SIEPMANN-WERKE GmbH & Co. KG
Emil-Siepmann-Str. 28 · 59581 Warstein, Germany
Tel. +49 2902 762-01 · Fax +49 2902 762-632
info@siepmann.de · www.siepmann.de



Stahl-Armaturen PERSTA GmbH
Mülheimer Str. 18 · 59581 Warstein, Germany
Tel. +49 2902 762-340 · Fax +49 2902 792-297
info@persta.de · www.persta.com



SD MACHINING

SD Machining GmbH
Mülheimer Straße 18 · 59581 Warstein, Germany
Tel. +49 2902 762-340 · Fax +49 2902 792-297
info@sd-machining.de · www.sd-machining.de



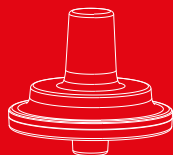
**Partner of the
separation industry**

- Closed-die forging
- Hot extrusion
- Heat treatment
- Welding
- Machining
- Manufacturing of components



Range of products for the separation Industry

Especially for separators in the design of disc stack centrifuges and decanters in the design of bowl centrifuges.



Bearing hubs

Ø 300 - 640 mm

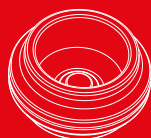
w 35 - 320 kg



Drum covers

Ø 365 - 765 mm

w 25 - 580 kg



Drum bases

Ø 325 - 700 mm

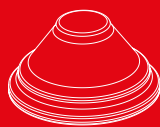
w 24 - 630 kg



Locking chamber floors

Ø 340 - 435 mm

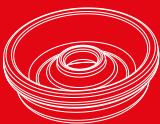
w 20 - 55 kg



Distributor bases

Ø 500 - 725 mm

w 75 - 445 kg



Piston valves

Ø 400 - 745 mm

w 24 - 315 kg



Drum hubs

Ø 195 - 445 mm

w 20 - 170 kg



Separation industry range of service

We are among the leading specialists in forged components for separation industry. Our forte is the cost-effective production of small and medium-sized batches of exceptional quality.

Machining

Machinery specialised for:

Turning	up to Ø 2.200 x 1.500 mm
Milling (X/Y/Z)	1.050 mm / 510 mm / 510 mm
Machining centres	up to Ø 920 x 1.800 mm

Materials engineering

Steel grades:

Carbon steels
Quenched and tempered steels / case-hardened steels
Ferritic / martensitic steels (stainless)
Austenitic steels (stainless)
Duplex steels (stainless)

Heat treatment:

+QT (hardening and tempering)
+N (normalising)
+FP (isothermal annealing)
+A (soft annealing)
+AT (solution annealing)

Quality management

Certificates:

DIN EN ISO 9001:2015
DIN EN ISO 14001:2015
DIN EN ISO 50001:2018

Approvals:

American Bureau of Shipping
Bureau Veritas
DNV • GL
Lloyd's Register
DIN EN 15085-2 CL1
AD 2000-Merkblatt W0
DGRL 2014/68/EU
KTA 3201.1 Abs. 3 u. KTA 3211.1 Abs. 3

Testing methods

Our own laboratory offers destructive and non-destructive testing.

3D measurement

X-axis: 1.200 mm
Y-axis: 2.000 mm
Z-axis: 1.000 mm