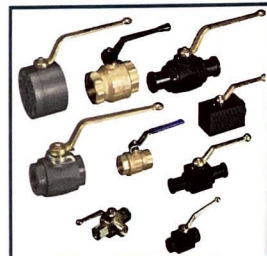




LOCAL SOLUTIONS FOR INDIVIDUAL CUSTOMERS WORLDWIDE

## STAUFF INDIA

( 100% Subsidiary of Walter Stauffenberg GmbH & Co. KG )



FLUID TECHNOLOGY COMPONENTS, SYSTEMS AND SERVICES FROM A SINGLE SOURCE



### **STAUFF, your trusted partner**

When it comes to unparalleled performance, superior quality, dependability and global availability in Hydraulics and fluid power industry, one name is globally acceptable as the leader, STAUFF ! With ceaseless innovations as well as inventions carried out at STAUFF, it is globally appreciated for its pioneering technology and has been looked up to as a trusted partner in Hydraulic components and accessories since more than 50 years.

### **The international presence**

STAUFF has come a long way since 1955 when it was inceptioned in Werdohl, Germany, till today when it is active in over 15 countries across the globe. While manufacturing and supplying its products across the international markets, it simultaneously endeavours to provide its every individual customer with local solutions customised as per their specific requirements. Its 128 corporate offices spread across boundaries enable it to deliver its products within the scheduled time and offer timely individual services whenever needed.

### **Always round the corner when you need!**

STAUFF's stockholding team has developed unbeatable skills of forming conjectures about the market requirements in near future and accordingly taking appropriate measures well in advance. This saves our customers the lead time, at times even when it is not-so-easily avoidable, consequently fulfilling their valuable requirements exactly when it is most needed. In addition to this, our customers also reap the benefits of our expert advice, timely service and flexible approach.

### **Products and solutions that are 'de-fault'**

STAUFF has firmly established its name for the first-rate products, which are de-fault, that is devoid of a single fault! It continuously endeavours to provide turnkey solutions to Hydraulics and fluid related industries like process industry, Iron / Steel plants, Cement, Mining, Construction, Plastic, Chemical and even Atomic power plants.

STAUFF offers an extensive product range covering an impressive assortment of applications.

## **STAUFF LINE - TUBE MANIPULATION**



**Pre-Assembly and Final Assembly Machine with Combined Pressure/Position-Control  
STAUFF Press**



**Stauff Form  
Tube Forming System**



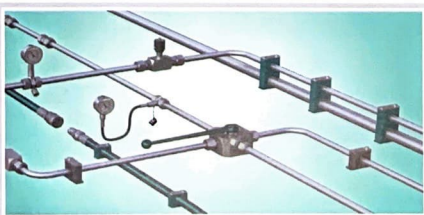
**Romer Arm**

- Romer Arm with V-tube software for 100% accuracy
- Automatic and repeatable Probe Recognition
- Laser Scanning



**Tube Bending Machine**

- Pipe Dimensions - Between diameter 4mm to 50.8 mm
- Material Wall Thickness -Between 1 to 6 mm
- Pipe Lengths - Upto 6 meter in length
- Material Grades - Steel pipe from E235 (St. 35) to E355 (St. 52) Stainless steel pipe (VA) of qualities 1.4301 / 1.4305 / 1.4307 Copper-brass pipe Other material material qualities possible on request



**Fluid Technology Components,  
Systems And Services  
From A Single Source**



## Clamps

- STAUFF clamps according to DIN 3015
- Clamping system for pipes, tubes, hoses, cables and components
  - Light, Standard, Heavy Duty and construction series
  - Fire resistant, anti-corrosion clamps
- U-bolt, saddle clamps and metal DIN clamps
  - Custom made clamps



## Test

- Pressure test systems for monitoring, venting and sampling and control of fluid and gaseous pressure
- Zinc nickel coating for higher corrosion resistance
- Also available in stainless steel
- Test hoses - Nominal bores DN2 and DN4 and working pressure 400 and 630 bar



## Stauff Fittings

- 24° Tube Fittings are specified in the ISO 8434-1 and DIN 2353 standards.
  - Maximum working pressure up to 800 bar
  - Available in carbon steel and stainless steel
- Premium long-life surface protection against corrosion with more than 1200 hours resistance to red rust / base metal corrosion in the salt-spray test according to DIN EN ISO 9227



## Filtration Technology

- High pressure filters (up to 420 bar / 1320 lpm)
- Medium pressure filters (up to 110 bar / 90 lpm)
- Inline filters (up to 14 bar / 7000 lpm)
- Return line filters (up to 16 bar)
- Spin-on filters, Offline Filtration systems and Filtration trolleys
- Interchangeable filter elements for most international brands



## Hydraulic Accessories

- Components for construction of tanks and power units
- Level gauges with Temperature Float switch options
- Filler cum Air Breathers
- Throttle, shut-off, flow control and inline check valves
- Suction strainer
- Flow indicators
- Pressure gauges
- Desiccant air breathers
- Gauge isolator valves
- Return line bushes





## Flanges

- Mono and split type SAE flanges
- Range : 3000 and 6000 PSI
- Made of weldable steel
- High tensile strength (585 N/mm<sup>2</sup>)
- Min. percentage elongation (15%)
- Meeting quality standards of :  
ISO 2859, ISO 6162

## Diagtronics

- Monitoring and analysis of hydraulic fluids of mobile and industrial hydraulic equipment
  - Digital pressure gauges
  - Hand held test instruments
- Turbine and gear type flow meters
- RPM and temperature sensors
- Laser Particle Counter / Monitor

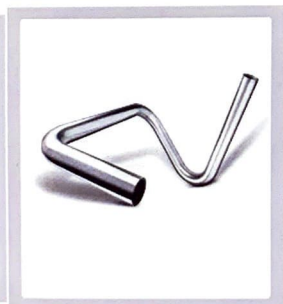


## STAUFF ACT CLAMPS- Anti Corrosion Technology

- Efficient Prevention of Crevice Corrosion under Pipe Clamps on Stainless Steel Pipework
- Middle- and Long-Term Cost Savings due to Extended Service and Maintenance Intervals
- Design based on Original STAUFF Clamps according to DIN 3015, Parts 1 and 3 (Standard Series and Twin Series), the tried and tested industry standard for several decades
- Covering the most commonly used metric and imperial pipe diameters from 6 mm to 42 mm (from 1/4 inch to 1 1/2 inch)
- Suitable for continuous exposure to temperatures from -25 °C to +80 °C (from -13 °F to +176 °F)
- Clamp body made of flame-retardant PPV0 plastic material; tested and V0 classified according to UL 94
- Integrated ACE anti-corrosion elastomer strips avoid the accumulation of seawater between clamp body and pipe

## Clean System, Hoses & Tubes

- Simple solution for removal of contaminant on the inside surfaces of Pipes, Tubes and Hoses
  - Hydraulic hose assemblies
- Seamless tubes as per DIN 2391 C for hydraulic applications



## STAUFF LINE - Tube Manipulation

Bending metric 4mm - 50.8mm tube - Bending Imperial 3/16" - 2" tube  
 Tube material - Carbon Steel, Stainless Steel, Cupro nickel  
 All Electric tube manipulation machine (UNISON UK)  
 Precise control of electric axes ensures right first time & every time  
 Multi stack radius with different bend radii  
 Over mandrel bending for thin wall tubes  
 Advance measurement system with arm scan  
 Design support for new build CAD - Solidworks  
 Reverse engineering with the existing tubes V-tube software conversion into step-file format.  
 Tubes pre-assembled with fittings, end form / flare using STAUFF machines  
 Tube flushing and pelleting to NAS6  
 On-request test for bend tubes upto 500 bar (Static & Dynamic)



## Ball Valves

- High / low pressure 2/2, 3 and 4 way ball valves
- Threaded, SAE and manifold connections
- Size : 1/8" to 2" BSP / NPT, 7/16" to 2-1/2 UN
- Flange : SAE, ISO - DN15-200
- Pressure : Max. 800 bar
- Material : Carbon steel, stainless steel

## Quick Release Couplings

- STAUFF\_VOSWINKEL couplings have proven their value for many years in practical use in hydraulic systems.
- The couplings of the series HP, HS, FH, HA, BP and RK/RH Housing- Steel & Stainless Steel
  - Seals : NBR/PTFEISO 3601
- Normative references : EN ISO 8330:2000, ISO 5675, ISO5676, ISO 7241, ISO 16028, AMD 1



## Teekay Coupling

- Teekay Pipe Couplings allow pipes to be joined without the need for flanging, grooving, threading or welding.
- Version - Axilock, Axiflex & Repair coupling
- Pipe Materials : Carbon steel, stainless steel, copper, cunifer, cast and ductile iron, GRP, most plastics & other
- Size - 21.7mm to 4000mm
- Casing : AISI 316L / DIN 1.4404, AISI304
- Fasteners : AISI 316 / 316L, Alloy Steel
- Gasket : EPDM / NBR / HNBR / Viton

## Pump & Flow Meters / Volume Counters

- Transfer gear pumps (up to 25 bar flow - 630ml / rev and viscosity 3000 cSt)
  - High pressure pumps (up to 300 bar flow 300ml/rev)
- Volume counters (measuring range of 1:250 / viscosity 1-100000 cSt)
  - Flow, volume measurements and electronic controllers





STAUFF GLOBAL



Local Solutions For Individual Customers Worldwide



Our products are a driving force,  
whether on land, on water or in the air.



## Stauff India Pvt. Ltd.

Sanghar Warehousing,

Gat 26/1 & 27,

Pune - Nagar Road, Lonikand - 412216, Pune. Maharashtra

Tel No. : + 91-20-6731 4900, + 91-20-6731-4930

Fax No. : + 91-20-6731 4905

### Branch Offices : Ahmedabad

Shed No - 168, Grand Vishala Ind. Estate, Near Karnavati Ind. Estate,  
Odhav Vastral Ring Road,

Odhav, Ahmedabad - 382415. Office (Ph) : +91-9687067676

CIN: U74999MH1997PTC105994

Email : [sales@stauffindia.com](mailto:sales@stauffindia.com)

Visit us at : [www.in.stauff.com](http://www.in.stauff.com), [www.stauff.com](http://www.stauff.com)

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