

# VOSS

VOSS Fluid system solutions – ready-to-install hydraulic lines, system components and customer-specific services



*Passionately  
connected*

[www.voss-fluid.net](http://www.voss-fluid.net)

## Customized system solutions

As a premium manufacturer of hydraulic connection technology, VOSS Fluid stands for hydraulic components of the highest quality and functionality. In order to better meet the high standards of our customers in the future, VOSS Fluid is focusing more intently on system considerations and expanding its range of services accordingly: With the new product range, VOSS Fluid now also provides global operating OEMs with custom-produced, ready-to-install hydraulic lines, system components and customer-specific services. All individual components used for this are perfectly coordinated with each other, guaranteeing maximum functional reliability and protection against leaks.

As a result, users receive personal consultation, customized design and precise manufacturing from one source, ensuring a uniformly high standard of quality in addition to cost benefits and streamlining effects.

## Engineering services and consultation

First of all, we advise you on product selection for your vehicles and machines, in regards to the ideal cable routing and connection systems. In addition, we optimize already existing systems with custom-produced special parts. At the same time, you increase assembly reliability in production and improve the quality and functional reliability of piping systems – which in turn reduces your resulting costs for maintenance.

- Technical and economic system consulting
- Optimization of existing piping systems
- Prototype sampling including technical documentation
- Installation consulting, assembly training and audits



## Expanded range of services

These services and system components provide you with a uniform standard of quality for your vehicle and machine hydraulics. You save time during production and internal material flow, reduce costs and simultaneously increase the quality of your products.

- Pre-assembled hose lines
- Bent and finished tubes
- Ready-to-install assemblies
- Presorted assembly kits
- Component marking with customized data
- More system components (measuring couplings, valve technology, customer-specific special parts, fastening material, accessories)

## First class quality

Whether from our in-house production or from a well-known manufacturer: All system components must meet the specifications of VOSS Fluid. We ensure the reliability of our suppliers through regular audits. In addition, internal and external production processes and all components undergo permanent monitoring – through the entire added-value chain. In concrete terms, that means: all the way up to the customer's assembly belt.

- VOSS quality standards through the entire value-added chain
- Goods receiving inspection of all system components
- 100% inspection of all batches
- Projectile cleaning of all tubes and hose lines
- Standard capping of all hose/tube ends
- Leak testing of pre-assembled assemblies
- Process reliable 3D laser measurement





## Full service right up to the assembly belt

Our expanded product line is usefully supplemented by sophisticated full service with many individual modules. This ensures high availability, among other things, while simultaneously reducing inventory costs and optimizing individual processes within your value-added chain.

### Presorted assembly kits

VOSS assembly kits contain individually compiled packaging units as presorted production material – the perfect match for the corresponding section of your production process.

### Ready-to-install assemblies

With our component kit making service, you receive completely assembled components as assemblies from VOSS Fluid. This shortens the final assembly process, captures additional savings potential and increases product quality and function.

### Component marking with custom data

We can mark our components with your preferred customer-specific data upon request. This can be QR codes or bar codes on a label, for example, or hanging tags, which include information on the manufacturing date or enable tracking.

### Delivery systems

In order to help you concentrate on your core business, we offer you an on-site implementation service with optimum shelf and container layout. We deliver right up to your assembly belt according to the proven Kanban system. This reduces your inventory and reordering times, prevents material bottlenecks and production downtimes. At the same time, you save on inventory and dispatching costs.



## Ready-to-install, form-bent tubes

- Hydraulic tubes – steel; bright, galvanized or with organic protective coating (Zistaplex®)
- Hydraulic tubes – stainless steel
- Broad range of tubes – thick- and thin-walled
- Optimum tube preparation
- Projectile cleaning
- Standard capping of tube ends

## Pre-assembled hose lines

- Extensive range of hoses
- Hose fittings with tear-off protection
- Hose fittings and connection components with zinc-nickel corrosion protection
- Hose preparation incl. projectile cleaning
- Assembled hose fittings
- Pressure testing
- Standard capping of hose ends

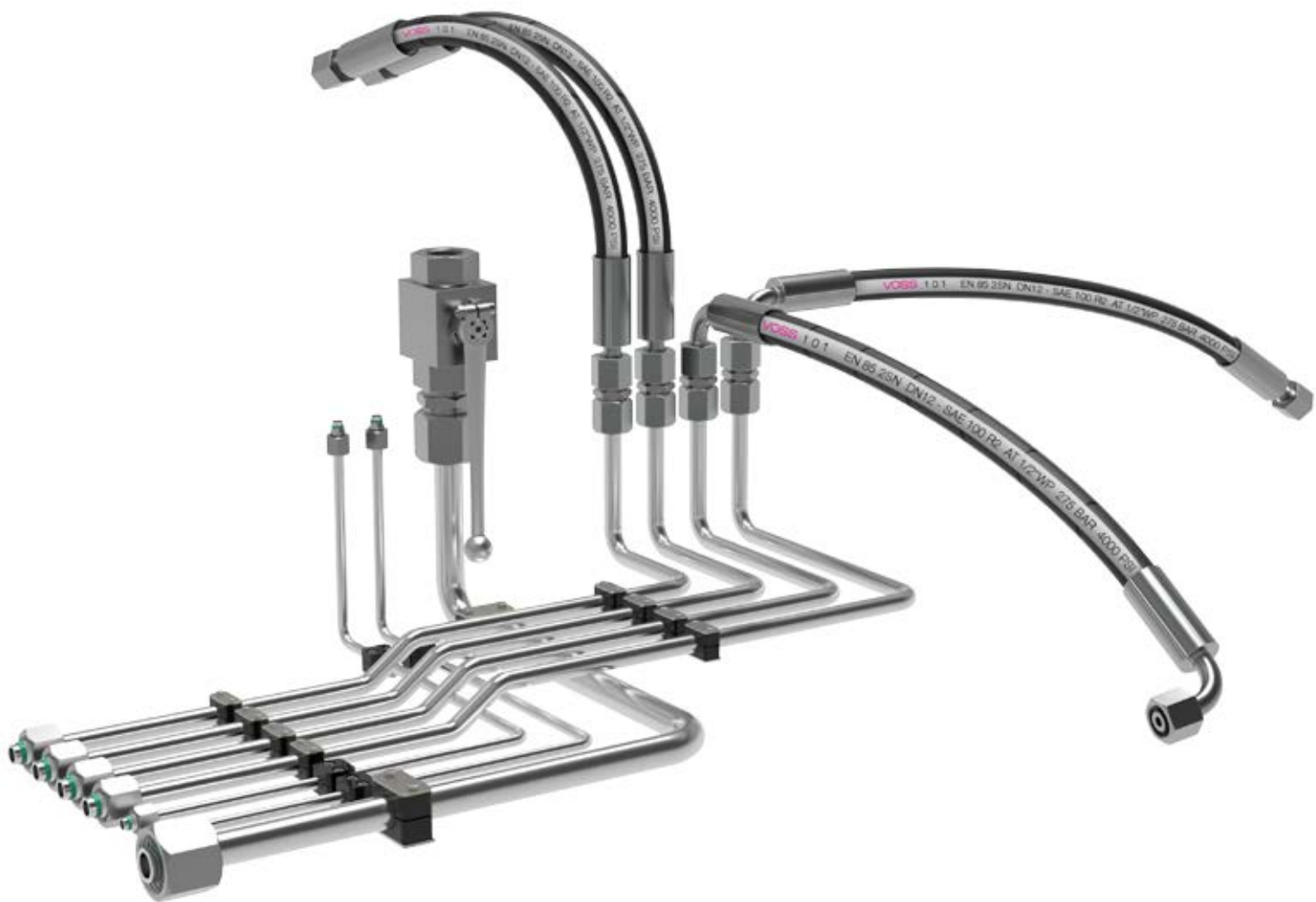
## Services

- Application consultation
- Prototype sampling and drawing creation
- Geometric capturing via 3D laser recording
- Customer-specific component signing
- Assembly installation
- Kit service
- Kanban delivery system

## Connection systems, system components and accessories

- 24°, 60°, 90° connection components
- Hose fittings
- Measurement connections and hoses
- Diverse tube connection systems
- Valve technology
- Fastening material
- Accessories





## Locations and sales network

VOSS Fluid is represented by branch offices around the world. In addition, regional demands are covered by an international, comprehensive network of renowned sales partners. These specialized dealers assemble and install VOSS Fluid products in flexible lot sizes and act as an extended arm of our company. As a result, you can count on the high availability of VOSS Fluid protection and services everywhere.



VOSS Fluid system components are produced in Europe at the following locations:

VOSS Fluid GmbH

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