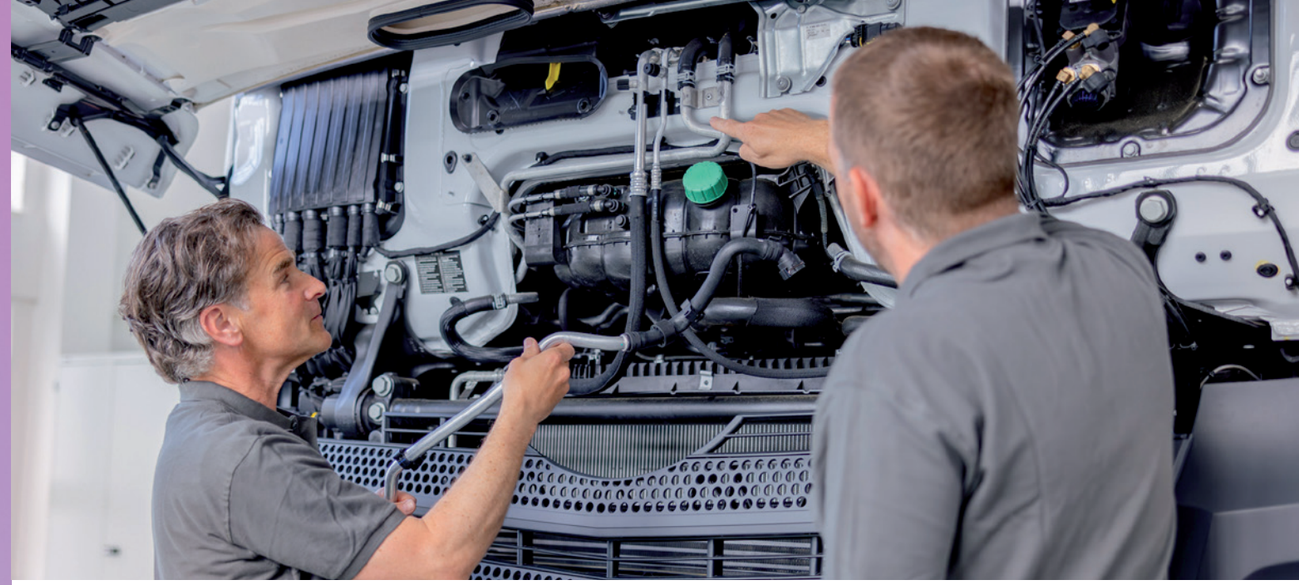
VOSS

Your Global System Partner for Fluid Management

Innovative line and connection systems for mobile and stationary applications.

VOSS Connects Systems, Innovations, People.

As a trusted partner in fluid management, VOSS designs and manufactures innovative, high-quality line and connection systems for both mobile and stationary applications.



We think ahead

With curiosity, technical expertise, and the courage to explore new paths, we transform complex challenges into innovative fluid management systems – worldwide.

Expertise you can rely on

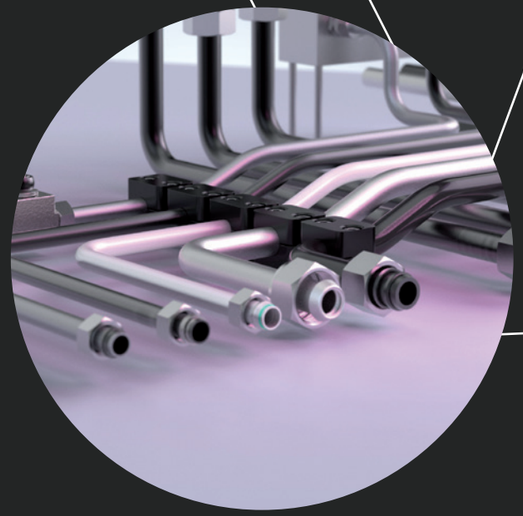
Our system expertise goes far beyond product solutions: we support you from the initial idea all the way to series production. This results in tailor-made solutions from a single source – precisely aligned with your requirements.

Globally present, locally at your side

Together, we form the VOSS Group: from our headquarters in Wipperfürth, Germany, we manage 24 companies in 14 countries. With standardized processes and a tightly knit logistics network, we guarantee top quality and fast availability – wherever you need us.

Living responsibly with substance

Our commitment doesn't end with technology. As a globally active, foundation-owned company, we take responsibility – for greater sustainability, for our worldwide locations, and for our team.



VOSS Connects Systems

For over 90 years, VOSS has represented innovation and industry-leading expertise. Our system solutions in fuel, SCR, pneumatics, and hydraulics continue to set the standard. But we don't rest on our accomplishments – we actively shape the future! Our groundbreaking solutions for thermal management and immersion cooling, as well as for innovative hydrogen applications, establish new standards and are essential for a more efficient, resource-conserving future.

VOSS System Expertise

Industries

Trucks and buses

Passenger cars and light commercial vehicles

Off-highway and mechanical engineering

Systems

Thermal management	Hydrogen/ Fuel cell	Hydraulic	Fuel
SCR	Pneumatic	Air suspension	Gas

Products

Ready-to-install lines

Modules

Quick connect systems

Tube couplings

Valves

Sensors

Measuring couplings

Manifolds and in-line connectors

Pre-assembly devices and tools

Industry Solutions

That Set Global Standards

We don’t just want to develop any solution for you – we always strive for the best one, perfectly tailored to your requirements, both technically and economically.
That is our commitment.
That is what drives us.

Trucks and buses

VOSS combines power with passion! Our components and ready-to-install lines are specifically designed for peak performance over long distances – optimized for extended operating times, long ranges, and high payloads. They withstand high pressures, vibrations, and shocks, and reliably handle temperature fluctuations.

Passenger cars and light commercial vehicles

We stand for system expertise across all drive technologies – whether electric, hybrid, hydrogen-based, or efficient combustion engines. Our solutions ensure precise functionality, minimal installation space, and maximum reliability. As one of the most sought-after system partners in the automotive industry, we prepare you for the future of mobility – with intelligent systems for greater efficiency, lower emissions, and noticeably increased comfort.

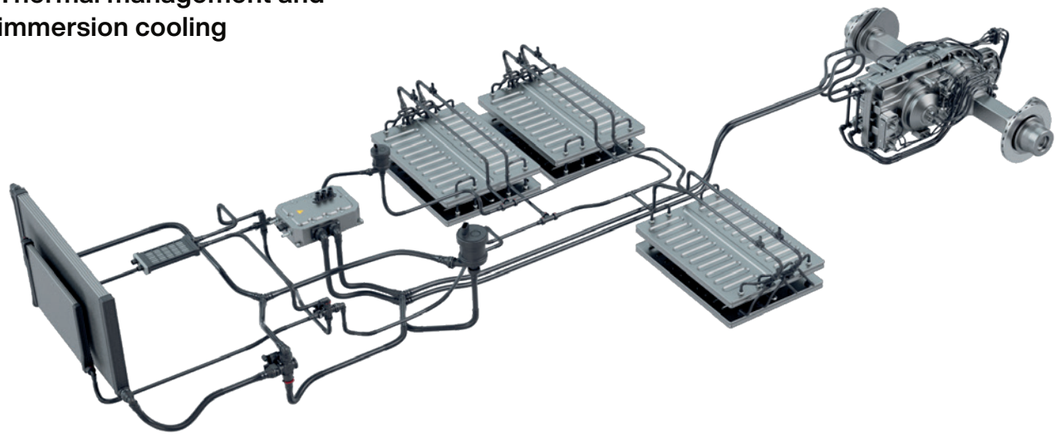
Off-highway and mechanical engineering

High dynamic loads, extreme pressures, and harsh environmental conditions – your industry demands robust fluid management solutions that accept no compromises. That’s why we develop line and connection systems that meet the highest requirements – whether for use in mobile working machinery, stationary equipment, maritime applications, or rail vehicle technology.

Systems

We Connect with Passion

Thermal management and immersion cooling

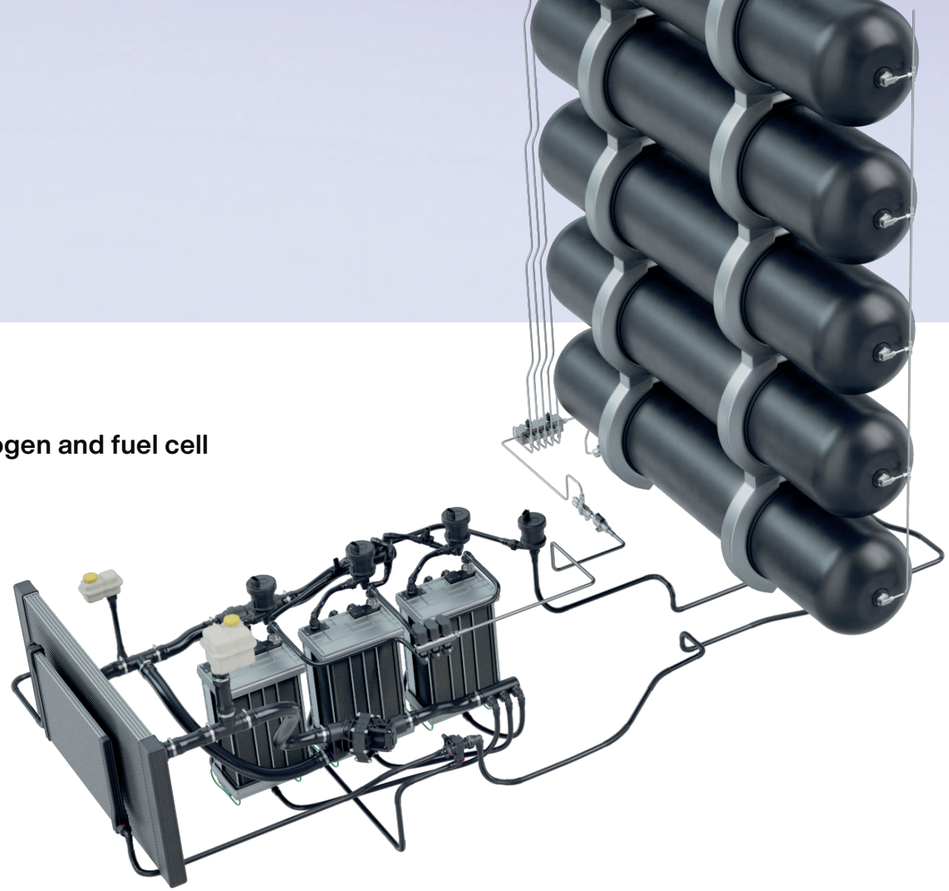


We think in systems and develop tailor-made, ready-to-install solutions – **precisely according to your needs.**

Efficient thermal management under the highest demands

Efficient thermal management systems are essential for the optimal performance and service life of hybrid and electric vehicles as well as battery energy storage systems (BESS). Our leak-free and maintenance-free line and connection systems meet the highest requirements – whether for cooling plate technology or immersion cooling.

Hydrogen and fuel cell



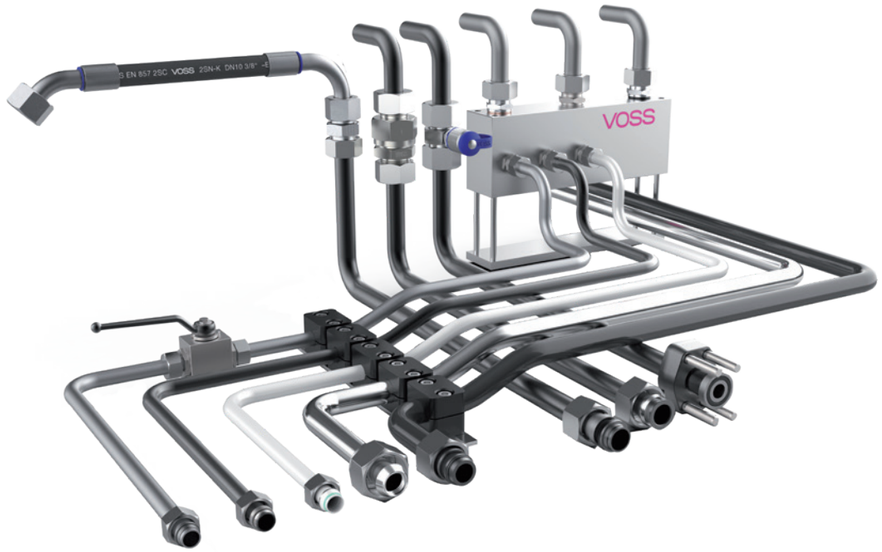
Safety across all pressure ranges

Reliable line and connection solutions are essential for the use of hydrogen and fuel cells – in both mobile applications and stationary systems. Our tailor-made components for high-, medium-, and low-pressure ranges are designed for maximum pressure resistance and media compatibility. Depending on the challenges to be overcome, we use either stainless steel or plastic lines.

Systems

We Connect with Passion

Hydraulic

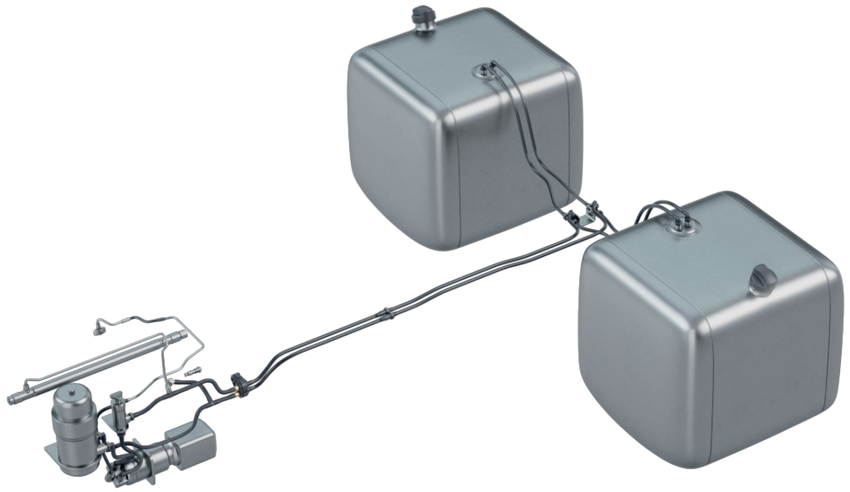


Durable connections for the highest demands

Challenging operating conditions require well-engineered system solutions: VOSS supplies ready-to-install line systems with perfectly coordinated hydraulic components from a single source.

Maximum leak protection, high-pressure resistance, and reliable assembly processes ensure long service life and economic efficiency.

Fuel



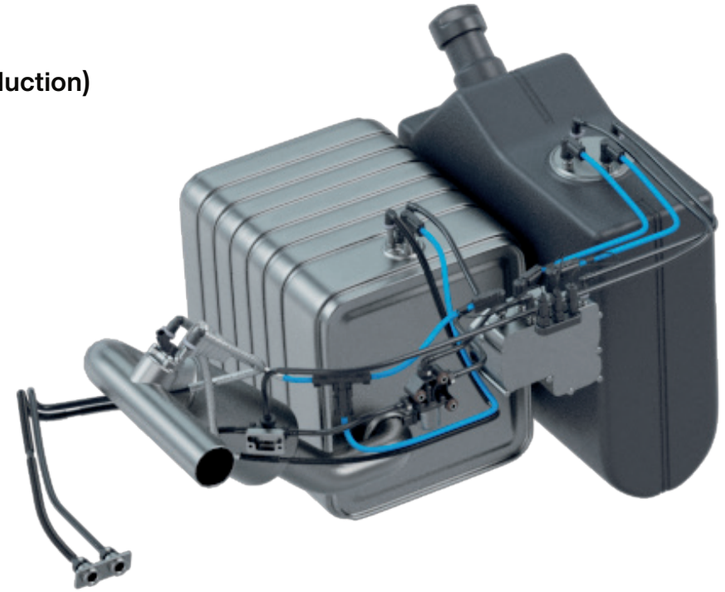
Powerful performance for every type of fuel

Whether diesel, gasoline, ethanol, or hydrogen – our specially developed line systems and innovative components handle every challenge. Mechanically robust, thermally stable, and leak-tight down to the smallest quick connect system, they ensure reliable function even under extreme temperature and pressure conditions.

Systems

We Connect with Passion

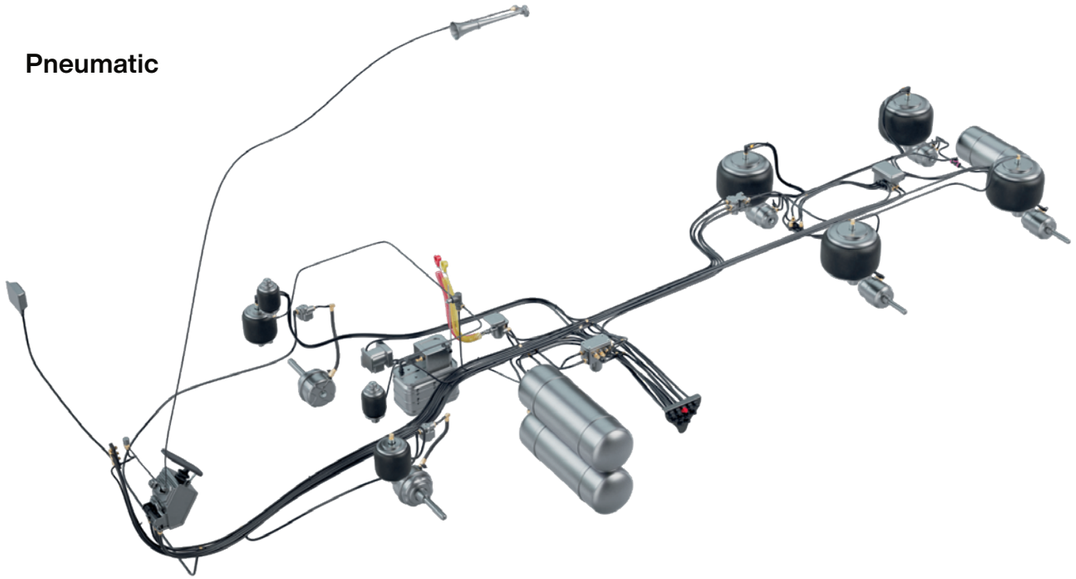
SCR
(Selective Catalytic Reduction)



Efficient exhaust gas reduction for sustainable performance

With tailor-made SCR system solutions, VOSS enables effective emissions control. Whether unheated, electrically heated, or coolant-heated – our line systems for tight installation spaces offer excellent heat and frost resistance and ensure fast defrosting performance.

Pneumatic



Top performance under pressure

As a pioneer in the industry, we have been setting the standard in the field of pneumatics since 1975 with our solutions. Whether quick connect systems, lines, or supplementary components for compressed air brakes in commercial vehicles or air suspension in passenger cars – our solutions offer maximum reliability and leak-tightness for the highest safety and comfort.

VOSS Connects Innovations

Innovation is part of our DNA – ever since the founding of the fittings factory Hermann Voss in 1931.

With technical expertise, state-of-the-art manufacturing technologies, and the courage to explore new paths together with you, we are shaping the future of fluid management worldwide.

Where Visions Turn Into Reality

At VOSS, we do more than just create connection solutions – we unlock new possibilities. In an environment that encourages creativity and excellence, we develop engineering solutions that set global standards. In this way, we leverage our expertise to make your goals reality.

Engineered by VOSS

The best solution doesn't happen by chance – it is considered from the very beginning. With sound consulting, precise analysis, and a focus on your cost efficiency, we design perfectly tailored line routings and innovative product solutions that deliver more.

Manufacturing with maximum precision

Our global production centers stand for top-level quality. Using state-of-the-art machining and plastic processing, we manufacture precision components – perfectly tailored to your requirements.

Smart logistics

Efficient supply chains by design: with customized logistics concepts – from full-service Kanban to supply chain optimization – we maximize your flexibility and cost efficiency.

More than just a supplier

VOSS offers more than products – we are your partner for long-term success. With hands-on training and on-site audits, we support your teams and work together to improve your processes.

Globally present, locally at your side

With 24 subsidiaries across 14 countries on four continents, we create customized product solutions, offer technical support, and manage sampling, production, and logistics — all in strict accordance with our established VOSS quality standards.

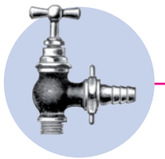
Our global network is further supported by distribution partners in more than 50 countries.

Our sites are certified according to international quality standards and meet the strict requirements for quality management, environmental management, and automotive standards.
What this means for you: no matter where you are, you can always rely on the highest VOSS quality.

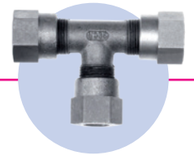
Innovations that make history

What began in 1931 in Wipperfürth, Germany, as a local component manufacturer has become a global success story. Our history is shaped by visionary ideas and technological breakthroughs.

But for us, milestones are not the destination – they are the motivation to actively shape the future and to define the fluid management of tomorrow with the innovative solutions of today.

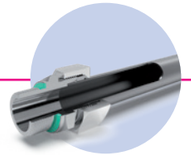


1931
Foundation of Armaturenfabrik Hermann Voss

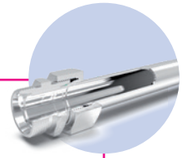


1954
Tube connections for machine and vehicle construction

1975
World's first quick connect system for air brakes



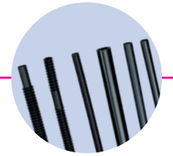
1998
Soft-sealing cutting ring ES-4



2003
Tube forming system VOSS *Form* SQR

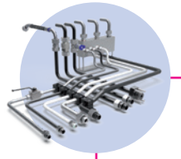
2004
Modules for SCR technology

2007
Zinc-nickel surface VOSS coat



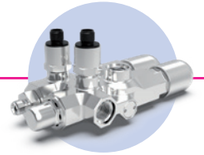
2013
Commissioning of the Polymer Technology Center

2014
Line systems for battery temperature control



2016
Ready-to-install hydraulic lines

2018
Modules with valve control for thermal management



2022
Valve components for hydrogen and natural gas technology

2024
Smart wearable ClickID
New Market

VOSS Connects People

Our team and our partners are what make us who we are today. As a foundation-owned company, we foster a culture of collaboration and respect. We take responsibility for a sustainable future.

We make sustainability measurable

At VOSS, sustainability is not a trend – it is a deeply rooted principle that guides our actions.

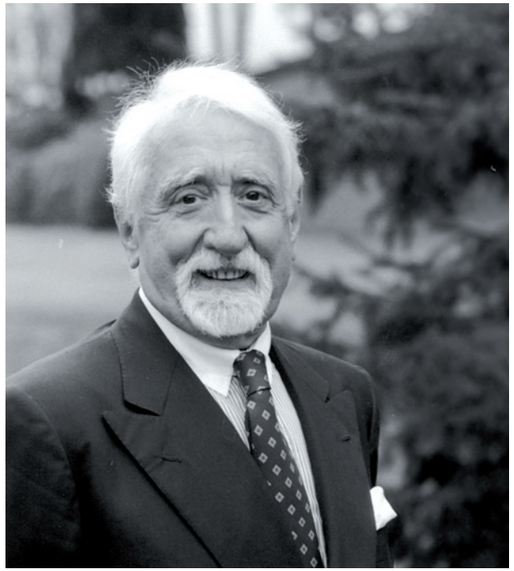
We actively address our ecological footprint through energy-efficient, resource-conserving production technologies and the use of renewable energies at all our sites worldwide. With concrete measures, we aim for CO_2 neutrality and promote climate-friendly technologies through innovative product solutions.

We record our progress and targets transparently in the Consolidated Sustainability Report (CSR). This sustainability report is an integral part of our corporate governance and documents our responsibility toward society and the environment.

In doing so, we shape a future that connects us with you sustainably – today and tomorrow.

The Legacy

of Hans Hermann Voss



Sharing responsibility together

Hans Hermann Voss was a visionary entrepreneur and a man of strong principles. He firmly believed that those who are successful in business have a responsibility toward the region and the people who made that success possible.

In 1992, he founded the Hans Hermann Voss Foundation with the aim of securing the future of the VOSS Group and making a lasting contribution to society. Since then, the non-profit Hans Hermann Voss Foundation has been the owner of the VOSS Group and has been actively committed to the common good.

Its focus lies on supporting regional projects in the Oberberg district and beyond. The foundation supports initiatives in the fields of science and research, education and training, youth and senior services, as well as charitable causes.

Rooted in the region.
Connected through people.
The Hans Hermann Voss Foundation.

Our Employees

Make the Difference

Driving innovation, shaping the future: Your career at VOSS

What drives us are people who think ahead, dare to try new things, develop solutions, and work with passion on the technologies of tomorrow. Their ideas turn into innovation – day after day.

Only those who feel seen, supported, and valued can truly grow beyond themselves. That's why at VOSS we create an environment that inspires: with real development opportunities, a clear vision, and a culture shaped by trust, openness, and a shared enthusiasm for technology.

We don't just work together – we pull in the same direction. With team spirit, dedication, and joy in what we do.

Whether you're a professional, a recent graduate, or a trainee – at VOSS, you'll find more than just a job. You'll find a place where potential becomes real impact.

VOSS Connects Systems, Innovations, People.

We don't just connect systems – we connect people and ideas to develop innovative solutions that set global standards in fluid management.

Passion for technology is what drives us. We take responsibility for the environment and support the personal development of our employees – so we can deliver top-level performance for you.

With VOSS, you have a leading system partner for fluid management at your side – one who understands your requirements and works with you as an equal.

The future needs strong partners. Are you in?

VOSS

VOSS Automotive India Pvt. Ltd.
1101,Uravade Road,
Behind Coca-Cola, Pirangut,
Tal: Mulshi, Pune, Maharashtra – 412115

VOSS Exotech Automotive Pvt. Ltd.
Gat No. 350, Bhare Village,
Ghotawade Phata, Pirangut,
Tal: Mulshi, Pune, Maharashtra – 412111

Phone +91 20 6676 1300
sales.india@voss.net

www.voss.net

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