



AVN
AVN HYDRAULIK



AVN Hydraulik

AVN Hydraulik was founded in 1978 and is today a strong team of 30 highly skilled employees. AVN Hydraulik is a member of the AVN Group.

The headquarter, which is located in Brøndby, comprise our warehouse, sales department, design, production and service divisions. We offer hydraulic service, maintenance and repairs from our 3 local sites in Denmark.

We are specialists in development, design and production of customized hydraulic solutions and related electronic controls. We manufacture approximately 1,000 individual systems per year.

We keep hydraulic components in stock from some of the world's leading suppliers.

Our service engineers perform assembly, service, mandatory inspections, repairs, installations, 24-hour service and standard maintenance.



Performance with pressure

Our highly qualified employees are always ready to answer your call whether you require advices, guidance or solution-oriented offers. If solving your task requires face-to-face meetings with you and our experts it is possible.

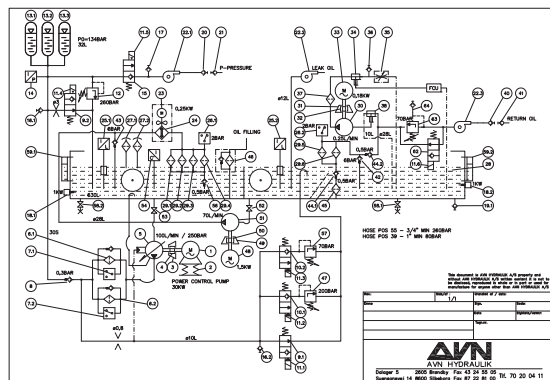
We work based on the principle "The customer in focus". Our key words are:

Credibility

Know-How

Cooperation

Total Concept



Engineering

At AVN Hydraulik, we will like to participate from the initial steps of a project to ensure that our many years of experience and know-how result in a technically and economically sound solution. We tailor-make total solutions that are carefully adapted to the individual customer's needs.

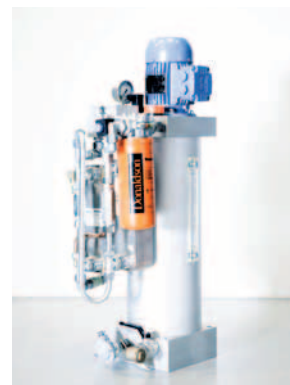
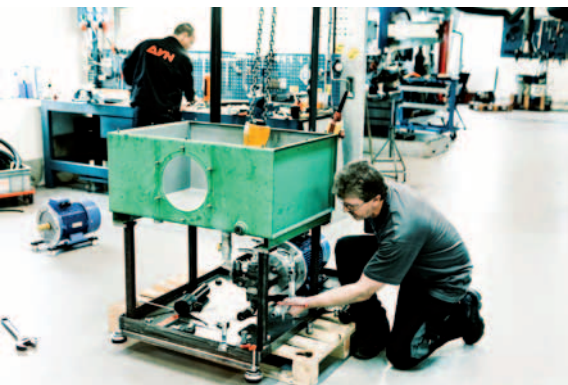
We can develop and design the systems in 3D before they are built to be certain that we fulfil the customer's requirements and expectations.

A total solution from AVN includes the hydraulic system, cylinder and electronic controls, which means that you only have to go to one place, making it easier and more secure for you as a customer:

The AVN logo is rendered in a bold, red, sans-serif font. The letter 'A' is a large, stylized triangle. The letters 'V' and 'N' are tall and narrow. The logo is positioned in the upper right quadrant of the image, overlaid on a blurred office scene.

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Systems

We develop, construct and build hydraulic systems of all sizes, from the smallest power pack at 0.5 litres/minute with a 1 litre tank to 1,000 litres/minute with a 10,000 litre tank. No project is too big or small.

We develop systems with all types of pumps and valves, including proportional and servo technology. We are independent of all component manufacturers, which means that we can always choose the most optimal component for the job.

Since we construct and build everything in-house, we are very flexible and can quickly implement changes to meet the customer's wishes.

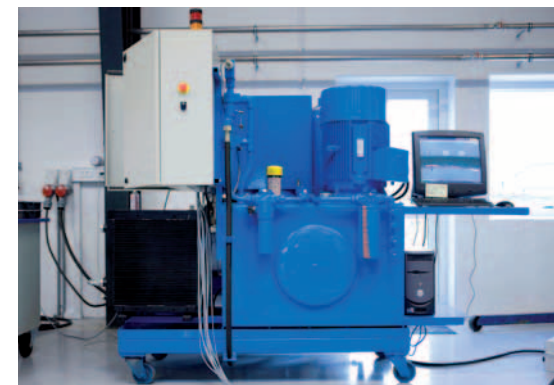
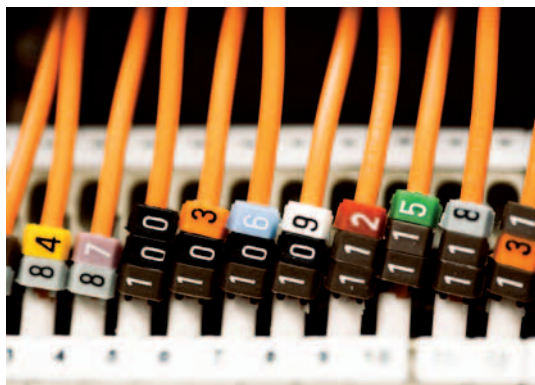


Production

The production facilities are located in a nearly 1,200 sqm, 6 metre tall, pillar-free hall, and we have our own welding workshop equipped with all the necessary machines and welding equipment.

These excellent facilities enable us to offer customers assembly of hydraulic and electronic systems using our own machines, or to make a test model for testing prototypes, if desired.

Our experienced hydraulic technicians take great pride in developing the most attractive and best possible solution for the customer. Our engineers are in a very close collaboration with the hydraulic technicians to ensure fast response to any issues in connection with the construction of the individual hydraulic system.

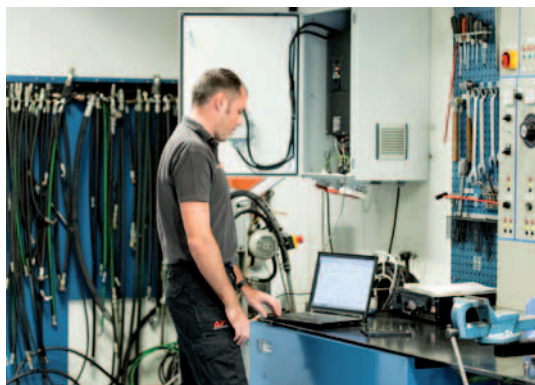


Electronic controls

We design, draft and build electronic controls in cooperation with one of the biggest suppliers in Denmark in electrical control Robotec. We can program many different manufacturers of PLC equipment, as well as control panels and touch screens to meet the customer's needs and wishes.

All electronic controls are labelled and documented in accordance with applicable legislation.

It is a major advantage for our customers that we can also offer the system controls – both in connection with troubleshooting and the development and implementation of new hydraulic systems.



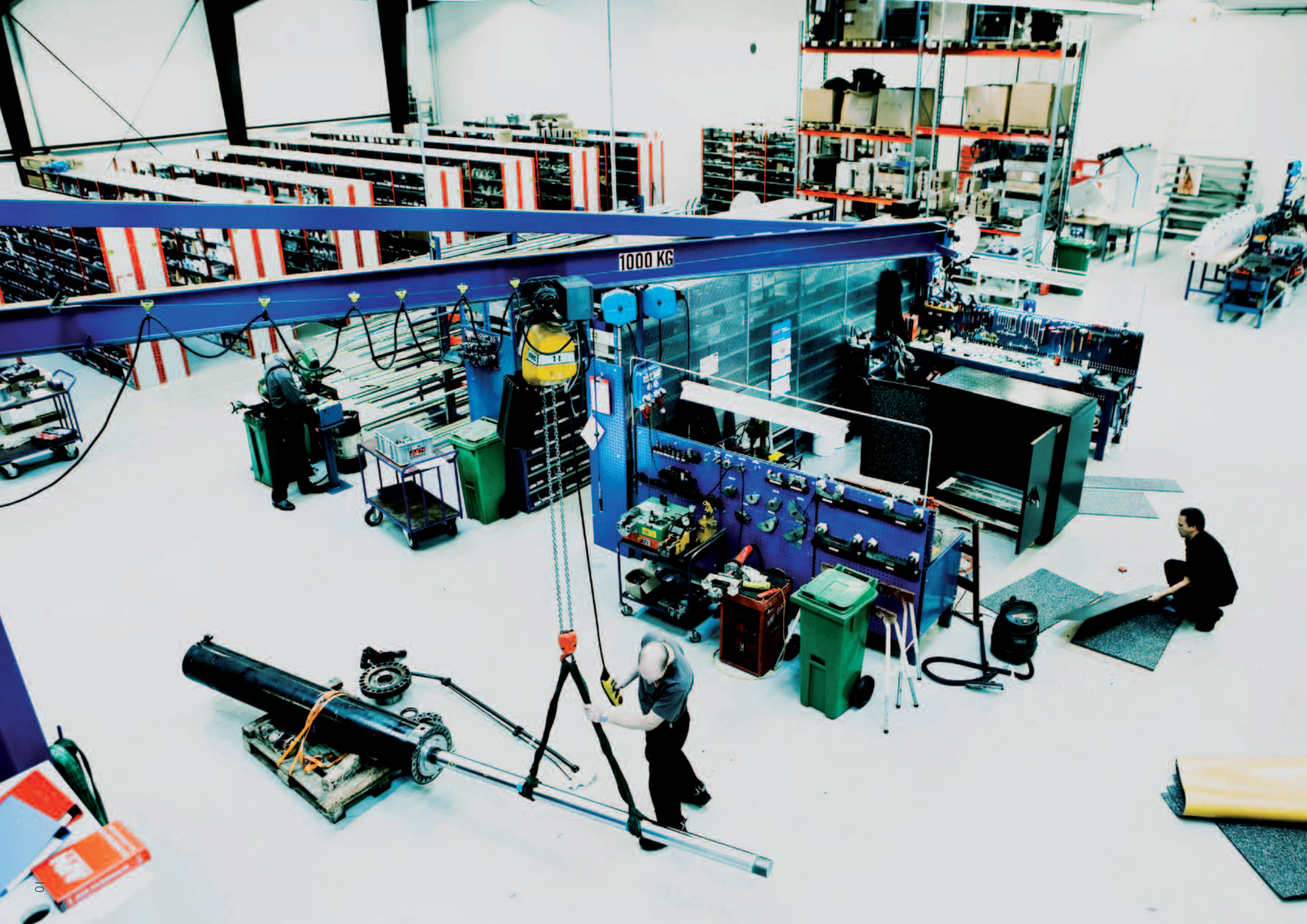
Testing and documentation

In our fully equipped testing facilities, we can test pressure, flow, electricity consumption, functionality and noise, and perform electronic storage of data.

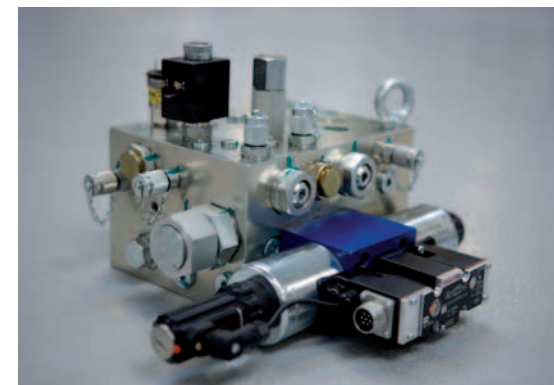
All power packs are carefully tested and documented in a test report that comes with the station. A documentation folder is included with delivery of the station, including a diagram, component list and data sheet for the components in the power pack.

The documentation and images are also stored at AVN for many years so that we can provide the best possible assistance to customers at a later date.

Since 2003 we have been quality certified by DNV in accordance with DS/EN ISO 9001:2008



1000 KG



Hydraulic components

We have a large range of hydraulic components in stock from some of the world's leading manufacturers – primarily from Germany and Italy.

Our range includes pumps, motors, valves, filters, accumulators, tanks, electrical motors, cooling systems, manometers, miniature systems and cylinders. We have standard welded cylinders, stay bolt cylinders and compact cylinders.

We also have a wide range of hydraulic components, including pipes, hoses and fittings, both in standard galvanised and stainless steel. We are able to manufacture a hydraulic hose while you wait.



Service and assembly

The operational reliability and lifetime of components is important to most hydraulic users – therefore, we offer a service agreement tailored to your system. A service agreement means that we make periodic visits to change filters, inspect and perform maintenance on your hydraulic system. We assess on site whether the oil needs to be replaced or filtered offline. We can also perform oil analyses if required.

A good solution for larger systems may also be to install a permanent offline filter system. In most cases, such a system will pay for itself in saved oil and components, which gain a longer lifetime with pure oil.

In connection with new installations, we have extensive experience in performing hose and pipe assembly on site. We can also assemble on site internationally if desired.

We have our own flush system for flushing of hydraulic pipe systems after repair, rebuilding or initial installation.



Repairs

We offer nationwide hydraulic service, installation, repairs and assembly. We have branches in Zealand, Funen and Jutland.

Our well-equipped service vehicles contain a wide range of hydraulic components and advanced testing equipment for use in connection with troubleshooting on hydraulic systems. Our talented and experienced service engineers can perform troubleshooting and reparation on AVN systems as well as systems from other hydraulic suppliers.

At our workshop, we can repair and test most hydraulic systems, pumps, motors, valves and cylinders. We have extensive experience in renovating hydraulic cylinders with new gaskets, piston rods and honing.

If the need arises, we can be contacted 24 hours a day – just call us on 70 20 04 11.

The AVN logo is rendered in a bold, orange, sans-serif font. The letter 'A' is a large, hollow triangle. The letters 'V' and 'N' are solid and blocky. The logo is positioned at the top of the page, overlaid on a blurred background of an office interior.

AVN

The text 'AVN HYDRAULIK' is written in a bold, black, sans-serif font. It is positioned below the orange logo and is slightly tilted upwards to the right. The text is overlaid on a blurred background of an office interior.

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AVN
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AVN
AVN TEKNIK

AVN
AVN AUTOMATION

AVN
AVN PLADETEKNIK

The AVN Group has more than 70 years of experience, competence and dedication to meet your needs!

With its 100 employees, the AVN Group is an important partner of Danish industry. We offer consultancy, sales and service in the following areas: hand tools, cutting tools, polishing materials, rivets, automation, sheet processing machines, hydraulics, electronic controls and robots.

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