Increase Availability, Reduce Downtime, Increase Productivity with Solutions

These fluid problems can and will cost you a fortune. HYDAC will help you to overcome them, saving you time, money and frustration.

HYDAC, the competent Partner for Pulp and Paper Production.

Our policy is clear and simple
HYDAC has many years of experience developing components and subsystems used in the Pulp and Paper Industry. Wherever hydraulic or lubrication systems are used, HYDAC components play an integral role.

In nearly every existing paper mill, and at the world’s leading paper machine manufacturers, HYDAC products are at work, assuring a smooth production process and protecting expensive equipment.

Global yet Local
31 branches and over 700 distributors and service centers worldwide, truly make HYDAC your global partner in fluid power and lubrication systems.

Experience, Knowledge, Manpower
Over 2,500 highly motivated and qualified individuals combine their knowledge and experience to make HYDAC capable of solving even the most challenging problems.

Packaged Solutions.
One Supplier. One Contact.

Wherever you need us, we will be there to help you to find the most efficient solution – for all applications, from the component to the complete system.
Components

HYDAC manufactures an unrivaled range of worldclass components to insure the reliability of your system:
- hydraulic filters
- lubrication filters
- process filters
- diagnostic tools
- dewatering units
- electronic equipment
- coolers
- pumps
- accumulators
- ball valves
- compact hydraulics
- mounting technology

System Building

HYDAC not only manufactures components, but also integrates these components into perfectly matched subsystems, right up to turn-key systems. Proven technology, high quality standards, and extensive testing guarantee the performance of HYDAC system solutions. Based on a profound knowledge of the Pulp and Paper Industry, HYDAC is able to provide customized solutions, such as complete lubrication systems for central, wet and dry end sections, and hydraulic systems for press sections. In addition to this, HYDAC is constantly developing innovative new product concepts and designs. One example, designed especially for the Pulp and Paper Industry, is our patented system for removing air and water from high viscosity fluids.

System Control

In order to optimize system performance, and prevent costly downtime and maintenance, HYDAC offers a full line of fluid condition monitoring units.

Services and Optimization

As a system and fluid service specialists the HYDAC SERVICES CENTER® offers individual concepts from cleaning up to complete maintenance packages and system optimizations — all with the goal to increase machine availability, to reduce system downtime and to raise productivity.

Existing Systems
- Analysing and inspection
- Documentation of the oil condition
- Cost analysing
- Optimization

New Systems
- Projecting
- Cleaning and flushing
- Maintenance
We have what you need. Solutions for Pulp and Paper. By HYDAC

Hydraulic and Lubrication Systems

Wet End Lubrication
- 625 l/min, 10 μm

Central Lubrication System
- 680 l/min, 10 μm

Dry End Lubrication
- 1,300 l/min, 5 μm

Winder Lubrication
- 90 l/min, 6 μm

Press-Section Hydraulics
- Low pressure, 2,900 l/min, 5 μm

Press-Section Hydraulics
- High pressure, two-piece bowl, 1,800 l/min, 10 μm

Shoe-Press Hydraulics
- Manifold with screw-in bowls, 584 l/min, 10 μm

Super Calender Hydraulics
- High pressure, two-piece bowl, 650 l/min, 10 μm

Winder Hydraulics
- High pressure, 420 l/min

Lubrication
Dry End Section
- Tank size: 4,500 l, 10 μm

Offline Filtration
Central Lube System
- Tank size: 10,000 l, 2 μm

Dry and Wet End Section
- Tank size: 10,000 l, 30 l/min

The Right Element for every Application and Need
- High temperature filter elements, cleanable
- High dirt holding capacity
- Plastic construction, fully incinerable, low.
Water Treatment
River Water
Filtration of Circuit Water
54 m³/h, 37 bar, 200 µm

Lube Oil Filtration
Actuator Hydraulics
High pressure, 300 l/min, oilfield mounted

Lubricating Units
Lubrication Systems
Tank sizes: 2,500 - 6,000 l, 5 x 18 l/min

Filter Elements
Every Brand of Filter Housing
Reliable removal of particles and water, high element stability, long service time