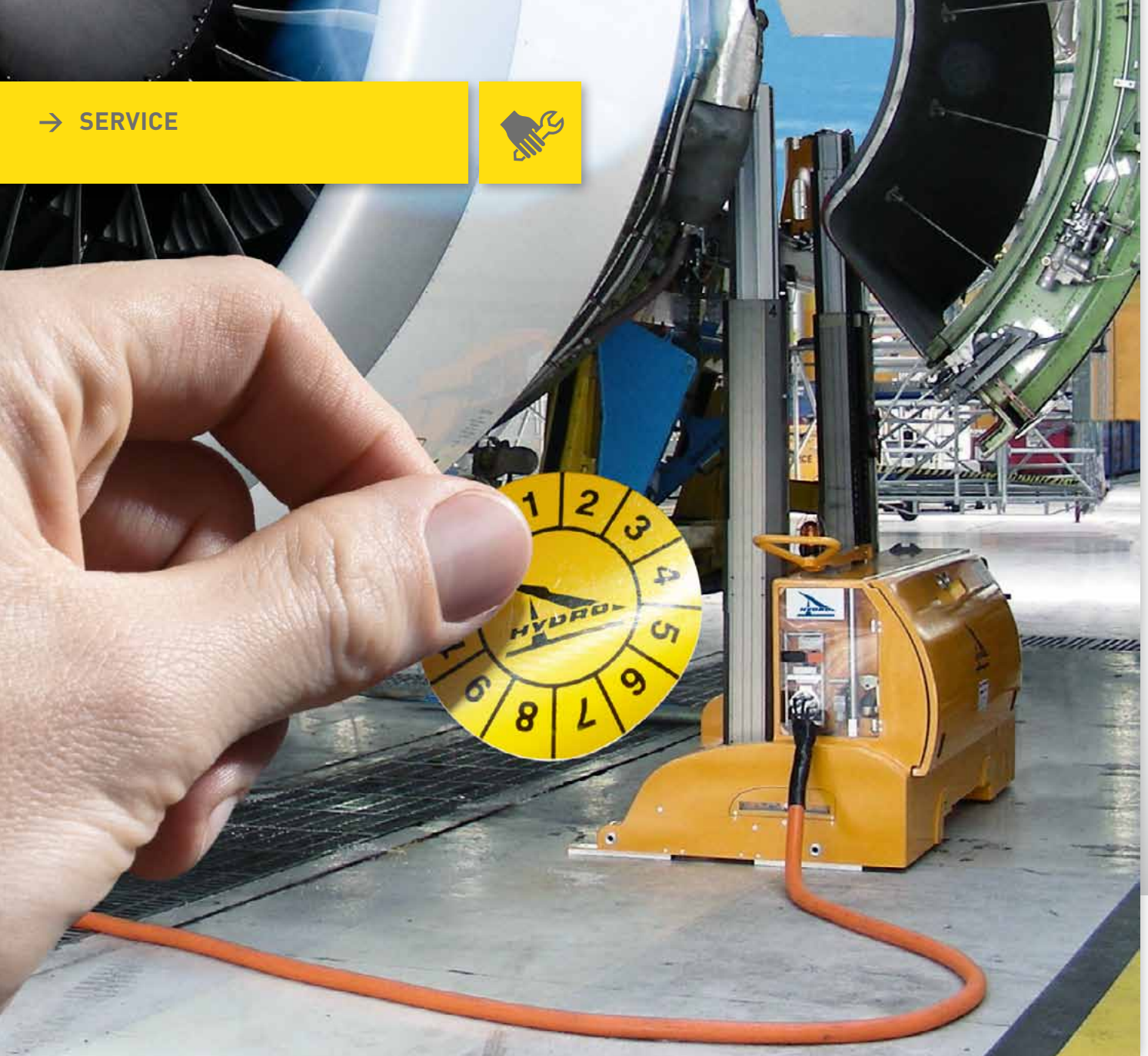


→ SERVICE



MAINTENANCE AND OVERHAUL

HYDRO AFTER SALES SERVICE



Precision in Aircraft Support



MAINTENANCE AND OVERHAUL

Even the highest quality equipment cannot offer 100% protection against wear-related failures. Maintenance and repair through our worldwide on-site service allows for early detection of potential problems – quickly, thoroughly and reliably.

As an OEM, we assume full responsibility for the quality and reliability of all work in this area, from the replacement of worn and spare parts to the calibration or re-certification of your equipment and systems.

In addition, we support you in achieving regulatory compliance by offering equipment certification and service support for all devices and tooling. We are also happy to undertake the regular maintenance of your Ground Support Equipment (GSE) and tools.

Whether on site, at our international service centers worldwide or at our Biberach headquarters, our qualified service technicians are always ready to service your equipment quickly and professionally.

COMPREHENSIVE EQUIPMENT TESTING

We check and test your maintenance equipment and provide all necessary documentation. In addition, to ensure smooth project management, we provide a single point of contact for the servicing and maintenance of all your devices.

Because of the increasing importance of regulatory compliance, we also make sure that your equipment complies with all applicable legal and best practice requirements. Our maintenance programs are always performed by trained and authorized personnel and we provide full equipment certification, including documentation.

SERVICING FOR ALL YOUR DEVICES

Our services include maintenance, technical support and functional warranties and all servicing work is guaranteed. To ensure continuity and smooth processes, we provide you with a single point of contact to look after your needs. All inspections are carried out by our own trained and authorized personnel.

Our service programs minimize the risk of functional failure, extend the working life of your equipment and maximize the safety of both employees and aircraft. Properly maintaining your equipment also minimizes depreciation.



On-site proof load testing service

PRICE ADVANTAGES ON MAINTENANCE CONTRACTS

If you choose a HYDRO Maintenance Contract of three years or more, you will benefit from a price advantage of up to 20% against our standard terms. This helps you to control your costs, improve planning and minimize unplanned downtime.

As part of our service, we naturally schedule new maintenance dates to help increase predictability. All our standard maintenance packages are fully inclusive of all materials and labor costs.

OTHER SERVICES FROM HYDRO

- Service centers worldwide
- On-site service
- Technical support
- Maintenance repair and overhaul (also available for other manufacturers' products)
- Retrofitting to meet safety requirements
- Worldwide spares service
- Product-specific staff training
- Financing support
- Aircraft-on-Ground (AOG) service

MAINTENANCE AND OVERHAUL PRODUCTS

Maintenance and testing details		Required Equipment
COBRA		
MAINTENANCE <i>(annually)</i>	<ul style="list-style-type: none"> Visual inspection Seal test Test of oil levels and oil quality Functional test of valves and emergency pressure release functions Check of warning indicators and signs Electronic component testing Cleaning of the entire device Greasing of all moving parts Exchange of hydraulic filter(s) Pressure gauge calibration Comparative measurement of the load measuring cell 	<ul style="list-style-type: none"> Crane or forklift (1.5-2.0t lifting capacity) Oil quality measuring instrument Mobile calibration suitcase Calibration Kit with dynamometer Cleaning agents and lubricants
	Load and seal testing	
OVERHAUL <i>(additionally every 6 years)</i>	<ul style="list-style-type: none"> Replace hydraulic hoses Seal replacement (if damaged) Oil change Renewal of plastic rollers 	<ul style="list-style-type: none"> Crane or forklift (1.5-2.0t lifting capacity)
	Load and seal testing	
AXLE JACKS		
MAINTENANCE <i>(annually)</i>	<ul style="list-style-type: none"> Visual inspection Functional test Test of oil levels and oil quality Cleaning of the entire device Cleaning of the sieve screw Lubrication of all moving parts Pressure gauge calibration 	<ul style="list-style-type: none"> Testing device or testing stand Crane or forklift Oil quality measuring device Mobile calibration suitcase Slings Cleaning agents and lubricants
	Load and seal testing	
OVERHAUL <i>(additionally every 6 years)</i>	<ul style="list-style-type: none"> Replace hydraulic hoses Seal replacement Oil change Renewal of plastic rollers 	<ul style="list-style-type: none"> Testing device or testing stand Slings Crane or forklift
	Load and seal testing	







Maintenance and testing details		Required Equipment
TRIPOD JACKS		
MAINTENANCE (<i>annually</i>)	<ul style="list-style-type: none"> Visual inspection Functional test Test of oil levels and oil quality Valve check Check of warning indicators and signs Check of bubble level adjustment Testing of the hydraulic gland Cleaning of the entire device Greasing of all moving parts Cleaning of the sieve screw Pressure gauge calibration Check ladder if available Check electricity if available 	<ul style="list-style-type: none"> Testing device or testing stand Crane or forklift (check lifting height) Oil quality measuring device Mobile calibration suitcase Slings Cleaning agents and lubricants
	Load and seal testing	
OVERHAUL (<i>additionally every 6 years</i>)	<ul style="list-style-type: none"> Replace hydraulic hoses Replace seals Change oil Renewal of plastic rollers 	<ul style="list-style-type: none"> Testing device or testing stand Slings Crane or forklift (check lifting height)
	Load and seal testing	
TOWBARS		
MAINTENANCE (<i>annually</i>)	<ul style="list-style-type: none"> Visual inspection Cleaning of the entire device Lubrication of all moving parts 	
	OVERHAUL (<i>every 6 years</i>)	<ul style="list-style-type: none"> Replace hydraulic hoses Replace seals Change oil
TOOLING (AIRBUS, BOEING, ROLLS-ROYCE, SUKHOI)		
MAINTENANCE (<i>annually</i>)	<ul style="list-style-type: none"> Visual inspection Cleaning of the entire device Reporting per specifications Calibration of measuring equipment, e.g. pressure gauges, torque wrenches, etc. 	<ul style="list-style-type: none"> Testing device or testing stand Slings Crane or forklift (check lifting height) Oil quality measuring device Cleaning agents and lubricants Mobile calibration suitcase
	Load testing per specifications	

If your device is not listed above, please contact our service team for support.

HYDRO MAINTENANCE AND OVERHAUL AT A GLANCE

- Comprehensive service with over 40 years' OEM experience
- Effective problem-solving and shortest response times
- Worldwide service and spares network
- Task Force with Aircraft-on-Ground (AOG) service
- Maintenance repair and overhaul (also available for other manufacturers' products)
- Technical support and on-site service
- All work covered by HYDRO guarantees

- GROUND SUPPORT EQUIPMENT 
- MAINTENANCE TOOLING 
- SERVICE 
- ENGINEERING 



HYDRO_Service_Maintenance & Overhaul_1606

IN SAFE HANDS.

Strong. Leading. Worldwide. HYDRO means innovation, quality and reliability for aircraft and engine manufacturers, MROs, airlines and airports around the world. From the development of turnkey system solutions through to the manufacture of Ground Support Equipment and Tooling, including a diverse range of services, we provide all your requirements from a single source.

As the global market leader, HYDRO sets the benchmark. With our highly experienced development teams, our wide-ranging innovative product portfolio, modern production facilities and class-leading supply chains, you get genuine quality from HYDRO. Precise, reliable and without costly interfaces. HYDRO is truly your "One Stop Shop", a leader within its industry.

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and more than 50 sales representatives located worldwide!