



TECNIMAN

HYDRAULIC VALVES
PUMPS TANKS
ACCUMULATORS CONNECTORS

HYDRAULIC PUMPS
ACTUATORS FILTRATION
VALVES TANKS CONNECTORS

HYDRAULIC
COMPONENTS

Técnica y Mantenimiento, S.A.



TÉCNICA Y MANTENIMIENTO, S.A. (TECNIMAN), a company founded in the year 1982, focuses its activity on the commercialisation of a wide variety of technical hoses, of medium and low pressure, that are manufactured for use in industry, agriculture and services. It also commercialises all accessories and additional items for said hoses. In addition, the company manufactures high pressure hydraulic metallic hoses.

TECNIMAN TECNIMAN offers you a range of hydraulic components from renowned brands such as **Danfoss, Roquet, Duplomatic, Trale, Fox, Tognella, Sesino y Vivolo**, covering a wide range of industrial applications.



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ANNIVERSARY
1982-2022



The business focus of **TECNIMAN** has always consisted, since the very beginning, of specialisation. With this criteria, the company has aimed at all times to achieve a deep knowledge of all of the products that it commercialises. The aim is to be able to advise clients and recommend the most appropriate product for their needs, at a competitive price and with immediate service.

As we are specialists in the products **TECNIMAN** commercialises, all of its resources are concentrated on a complete and significant stock.

TECNIMAN shares the knowledge that it has acquired over more than 40 years of experience and makes it available to everyone.



Hydraulic equipment development

We design, manufacture and test bespoke hydraulic motors according to the specifications of our clients. All equipment is certified as conforming to European CE standards and fully complies with current machine regulations.

We provide free quotations, technical advice and engineering for your industrial projects.

Bespoke hydraulic motors according to specifications

AC and DC mini-power plants

Mini-power plants for oil transfer: motor pumps.

Specific mini-power plants: loading dock, vehicle lifts, etc.



DC mini-power plants



AC mini-power plants



Motor pumps



Loading dock and vehicle lifts

Hydraulic tanks and accessories

Using **3D design**, **TECNIMAN** designs special hydraulic tanks adapted to any special application.

Hydraulic tanks in steel, aluminium and polyethylene

Filter caps

Visual and electrical levels

Inspection covers



Hydraulic tanks (steel)



Hydraulic tanks (aluminium)



Filter caps



Visual levels



Electrical levels



Inspection covers

Single and multiple pumps

We have a wide variety of single and multiple hydraulic pumps with a range of geometric constructions and materials to suit any industrial application:

Fixed-flow pumps: gear, piston, vane and manual pumps.

Variable displacement pumps: piston pumps.

Pump accessories: bell-housings, transmissions, repair kits and keys.



Gear pumps



Vane pumps



Piston pumps



Transmissions



Repair kits



Bell-housings

Oil filtration-cooling

Controlling the degree of filtration and its temperature is key to increasing the useful life of a hydraulic system, at **TECNIMAN** we advise you on the best choice of your filters and coolers.

Filters: Suction, pressure, return and in-line.

Coolers: air-oil, water-oil.



Suction filters



Return filters



Pressure filters



In-line filters



Air-oil cooler



Water-oil cooler

Valves and instrumentation

TECNIMAN offers a wide range of electric and manual valves of different formats, sizes and materials, adapted to any flow rate and hydraulic pressure required.

Manual monoblock, modular and sectional spool valves

Solenoid valves size TN06-TN10-TN16, with a wide variety of centres and voltages in both AC and DC.

Solenoid valve accessories: coils and connectors.

Single and multiple sub-bases for sizes TN06-TN10-TN16

In-line and modular valves: flow regulators, backflow preventers, pressure limiters and overcentres.

Flow dividers: geared and sliding flow dividers.

Pressure and temperature control: pressure gauges, protectors, thermostats, pressure switches, pressure transducers, digital thermometers.



Manual modular spool valves



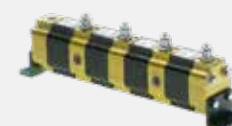
Solenoid valves



Coils



Connectors



Flow regulators gears



Pressure transducers



Flow regulators



Backflow preventers



Pressure limiters



Flow dividers: sliding



Pressure gauges



Digital thermometers

Pressure accumulators

Accumulate energy, compensate for internal leaks and avoid overpressure with our accumulators. At **TECNIMAN** we help you choose the best option for your hydraulic system.

Bladder accumulators

Diaphragm accumulators

Accessories: pressure tester, bladder-membrane replacements, N2 charging valves.



Bladder accumulators



Diaphragm accumulators



Pressure testers



Bladder-membranes



N2 charging valves

Actuators

Wide range of linear and rotary actuators. At **TECNIMAN** we can advise you on the best choice of actuator based on the needs of your industrial application.

Hydraulic cylinders: single and double acting.

Hydraulic motors: orbital, gear and piston motors.



Orbital motors



Gear motors



Piston motors



Hydraulic cylinders:
single acting



Hydraulic cylinders:
double acting

Assembly of metallic hoses

In our workshop, we manufacture metallic hoses of low, medium and high pressure following the specifications of our clients and our experience on the field.

- **Low pressure metallic hoses** resist between 0 and 40 bar and are mainly made of canvas mesh. Its uses vary according to the sector, for example, for sanitary uses, heaters or gas.
- **Medium and high pressure metallic hoses vary by application.** They can be used for pumping, flushing and more. These resist pressures between 50 and 500 bars and their main components are in one or multiple metal meshes.

In our workshop we carry out the assembly and repair of hoses specific to customer needs such as: resistance to high temperatures, resistance to chemical and acid products and transfer of hydrocarbons.

Types of metallic hoses that we work with:

- > **For water pumps**
- > For diesel
- > For the toilet and heater
- > For gas
- > For temperature (silicon, Teflon and corrugated stainless)
- > R1T, R2T, R9R, 4SH
- > Assembly of reusable R5 metallic hoses
- > Thermoplastics
- > For gauges
- > For air conditioning



Hydraulic cylinder repair

At **TECNIMAN** we carry out repairs of hydraulic cylinders: simple and double acting, carrying out the following processes:

- > Opening and inspection
- > Cleaning and degreasing
- > Replacement of damaged items
- > Possible lapping and grinding of internal surfaces
- > Dynamic and pressure test
- > Painting and/or polishing of external surfaces





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