

Bucher Hydraulics division profile

Motion and progress

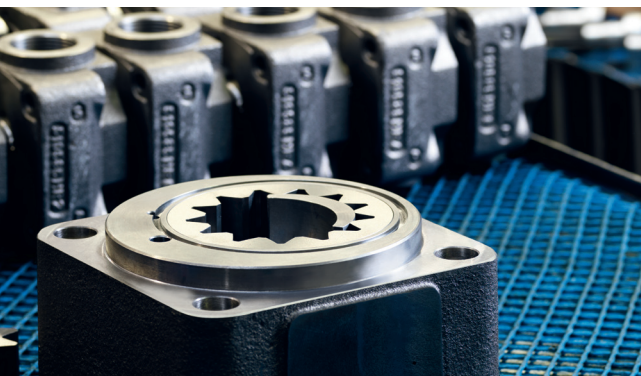
Bucher Hydraulics is an international leader in the design and manufacture of custom mobile and industrial hydraulic system solutions. Its wide array of products encompasses pumps, motors, valves, power units, elevator drives and control systems with integrated electronics. With manufacturing facilities in Europe, the USA, China and India, Bucher Hydraulics is never far from customers around the world. Bucher Hydraulics generated sales of CHF 370 million in 2010 with some 1 550 employees.

Construction equipment For concrete pumps, mixers, excavators, wheel loaders and other road building equipment, Bucher Hydraulics can offer just the right hydraulic components from its standard range or, where necessary, designs tailor-made solutions. Typical examples include load control valves to hold and precisely lower heavy loads and manifolds for controlling slew, winch and travel drives.

Materials handling and lifting equipment Bucher Hydraulics provides custom-designed system solutions for mobile cranes, forklift trucks, skip loaders, lift platforms and work platforms. These systems incorporate products from our wide range of compact power units, cartridge valves for directional, pressure/flow control and check functions, directional seat valves for zero-leakage actuator control, directional spool valves with proportional control and on/off functions, flow control valves, hydraulic motors, manifold systems and electronic controls.

Municipal equipment The broad array of hydraulic pumps, valves, hydraulic motors, manifold systems and electronic controls offered by Bucher Hydraulics is ideal to equip vehicles and machines for a wide variety of municipal applications. Our hydraulic components and systems are used in attachments and mounted equipment, winter maintenance equipment, ride-on mowers, fire engines, wood shredders and chippers, refuse collection vehicles, drain cleaning machines, sweepers and composting facilities.





Elevator hydraulics Airports, railway stations, shopping centres, residential blocks and commercial buildings have passenger and freight elevators featuring the extremely reliable hydraulic elevator components from Bucher Hydraulics, designed for travel heights up to 25 m and payloads from 320 kg to 40 000 kg or more. Also perfect for modernising existing elevator installations, they allow architects wide scope for creativity, e.g. by using machine room-less (MRL) hydraulic systems to solve any space problem. The most striking aspects of the systems are their low maintenance requirements, high energy efficiency, long service life, excellent cost/performance ratio and superior ride comfort for passengers.

Agricultural machinery Our hydraulic components engineered for tractors, farm loaders, harvesters, seeding and crop care equipment, trailers and forestry machines boast high overall efficiency provided by optimised hydraulic compensation and fingertip control of hydraulic functions. Their design and materials ensure superb technical properties, long life in heavy-duty applications and an optimum quality/cost ratio.

Mechanical engineering Responding to the needs of manufacturers of hydraulic presses, plastics machinery, pressure die casting machines, waste compactors, paper making equipment and textile machinery, Bucher Hydraulics has devoted special attention to developing internal gear pumps that deliver unbeatably smooth running performance and unrivalled long life. Other outstanding advantages are their low noise levels, negligible flow and pressure pulsations, and high insensitivity to fluid contamination.

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