Automation solutions for industrial hydraulic systems

We automate your success.
Controlling oil efficiently and safely

Hydraulic systems by Bucher | Automation by Jetter

Together with Bucher Hydraulics, Jetter AG combine motion and control technology with hydraulic components for mobile and stationary applications which are apt for systems of almost any size.

Other than classic integrated motion systems, the Jetter/Bucher solution provides excellent scalability. These systems - often applied as sub-solutions in larger plants - can be integrated into already existing production processes flexibly and quickly. Interface connectivity with the higher-level plant control is also compatible with third-party systems.

For many application scopes of various industries this means enormous improvement regarding efficiency and user-friendliness.

Additional offerings by our Professional Services - from engineering to commissioning of a plant - complete the portfolio offered to our customers.
As an internationally leading manufacturer of mobile and industrial hydraulics, Bucher Hydraulics develops and produces customer and application specific hydraulic drives and controls.
Know-how for mastering hydraulic systems
Controlling valves and pumps requires most precise and efficient automation solutions. Control systems by Jetter AG are tailored for servo engineering and motion control systems. This means that for decades they have met the most stringent requirements of very dissimilar industries. The know-how acquired this way makes Jetter technology the ideal partner of hydraulics industry.

It is just the industrial hydraulics section which profits from the large range of automation components taken from Jetter AG mobile and industrial automation. Combining the advantages which both hydraulics and automation offer means the perfect solutions for both industries.

Thus, the mobile components provide numerous features which are a must for rugged industrial surroundings. The devices feature rugged design and a great number of connections, they grant for high total output currents, and they can be programmed in the same language as industrial components throughout. This results in providing highly flexible and scalable solutions at any time.

**Controllable efficiency**

Intelligent automation concepts for economical and versatile hydraulics solutions:

- Significantly improved dosing feature
- Less energy consumption
- Less noise
- Less space
- Fit for Industry 4.0 and IoT
The product and networking philosophy of Jetter AG is based on company-wide incorporation of all automation components in production processes. This way, all components can be directly controlled and monitored, which is a must for up-to-date production processes representing Industry 4.0.

Automation features exceed the limits of specific devices. Functions which are provided by devices within a network can be used as services. That’s why an automation solution must be understood as an active cooperation of services. Functions related to real-time
are processed at the location of the process, while less real-time-relevant functions are running as a service in the Cloud.

The Jetter AG control systems are able to capture and analyze data and send them to the Cloud without an additional gateway being needed. Secured connections already belong to the basic system functions of the controller firmware. It takes only few commands to easily establish secured connections.
Jetter AG at a glance

For decades, the name Jetter AG has stood for highest demands on automation solutions that are used in a wide range of industrial and mobile automation sectors. Products and components by Jetter AG stand out thanks to their high degree of system integrity and diversity. Our in-house R&D departments (hardware and software), as well as our production plants in Germany allow us to always act in a quick and flexible manner. This, combined with a comprehensive range of Professional Services, enables us to put almost any customer request into practice.