

JETRON®

JETRON®: UP TO THREE TIMES THE PUMP CAPACITY

The JETRON® series operates in the power classes of 37 kW or 45 kW with up to 4.3 l/min conveying capacity at an operating pressure of 4,000 bar. However, the possibility of connecting up to three pumps enables conveying capacities of up to 12.9 l/min.



**BFT, THE WORLD'S LEADING PROVIDER
OF HIGH-PRESSURE PUMP SYSTEMS, PRESENTS:**

JETRON®

Even more power and efficiency, for all requirements!

HIGH-PRESSURE PUMPS OF THE JETRON® SERIES ARE DISTINGUISHED BY THE FOLLOWING FEATURES:

BASIC EQUIPMENT

The JETRON® series was designed based on the established ECOTRON®+ series. It accordingly also has high-quality features in the basic version already. The basic features of the high-pressure pump include the complete drive hydraulics with oil/water cooler, intensifier, accumulator and pressure relief valve.

UP TO THREE PUMPS IN ONE LINE SYSTEM

In addition to all the basic functions of its base model, the JETRON® series is even more compact and powerful. The pump is equipped with electronically controlled drive hydraulics (SYDFEE). In addition, the JETRON® series offers the option of having up to three pumps deliver in a joint network. This results in conveying capacities of up to 12.9 l/min – without a higher-level control system at that.

OIL COOLING

The pump is equipped with an oil/water cooler as standard. The optional oil/air cooler is mounted on the base frame inside the pump housing.

THE CORE PART – THE INTENSIFIER

The distinguishing features of the intensifier are the long service lives of the patented high-pressure seals and the non-return valves. The special design of the external non-return valves ensures that the intensifier is very easy to maintain. Wear parts like high-pressure seals and non-return valves can be replaced individually. A complete disassembly of the intensifier is not necessary.

GREATLY REDUCED PRESSURE FLUCTUATION

BFT pumps have the best pressure signal on the market thanks to an accumulator with up to 2.49 l. JETRON® pumps take it even further than that: SYDFEE drive hydraulics almost completely prevent pressure fluctuations.

PRESSURE SETTING

All JETRON® models are as standard equipped with a proportional valve with integrated electronics and a displacement transducer for the swing angle. The control unit can be used to set two different pressures (e.g. piercing and cutting pressure). The operating pressure can be adjusted via the electrical control directly on the pump or via the CNC-controlled cutting system.

OPERATION VIA TOUCH DISPLAY

The pump is operated via a new control panel that is unique to the JETRON® series. All warning and error messages are displayed in plain text. Operating data of individual components are recorded and evaluated. Using this data and customer-specific settings, the pump automatically reports when wear parts need to be replaced. This function supports the system operator and facilitates maintenance. Operating data and service lives of the individual components are stored and can be read out via a USB interface. In addition, the pump has a diagnostic system.

REMOTELY CONTROLLABLE

The pump display can be mirrored to a PC via a client connection using a network cable. This makes remote control of the pump very easy. Furthermore, an interface is available for external signals such as start/stop, pressure target value, emergency stop, pressure relief as well as error and operating messages. Data can also be exchanged and the pump remotely operated via the UDP communication protocol.