ABPAC now integrates mobile devices and modern communication architectures in the world of automation. Decentralized control solutions and the visualization of power unit states are easy to implement using an intuitive web interface on your smartphone or tablet.

Mobile access, intuitive control, economical drive controller, pump and DFLR, pump and DFR1 quiet and energy-efficient.

**ABPAC hydraulic power unit configurations**

<table>
<thead>
<tr>
<th>Size</th>
<th>Qthmax l/min</th>
<th>p [bar]</th>
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<td>PGF3-3X/025</td>
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</table>

All in all, ABPAC represents an extremely cost-optimized energy into Industry 4.0, which, with the use of the Sytronix FC and DFLR handheld touch drives, also offers a maximum quiet and energy efficient.

The intelligent ABPAC standard power unit: configurable, networkable, energy-efficient.

A hydraulic power unit as it should be: intelligent, customized, cost-optimized.

Hydraulic power units for mechanical engineering are subject to higher requirements than ever before. They should be powerful, energy-efficient, and quickly available, yet also intelligent, flexible, and of course, cost-effective at the same time. With the new ABPAC series standard power units, Bosch Rexroth has come up with a convincing answer. With the online configurator, you will find your individual solution faster than ever. Your entry into Industry 4.0?

1. First step is to download the free app of Junaio: [www.boschrexroth.com/abpac](http://www.boschrexroth.com/abpac).
2. After installation of the app, activate the camera of your mobile device.
3. Now hold the camera above any section signed with the AR symbol and wait until the interactive 3D information is uploaded.

The intelligent ABPAC standard power unit: configure, networkable, energy-efficient.

**Regenerative braking drives** now enable silent emergency braking (100% efficiency). No loss of energy is required, for example, in presses or presses. The regenerative brake energy is fed into the grid or stored in a battery, and, if required, is used for the emergency braking. This is the largest single effect of energy efficiency. The open interface to the control systems is the key to the intelligent energy optimization. It is an open system that can be adapted to your specific needs.

**Short delivery times** are a particular advantage of the modular system: within 40 days the order can be executed. The intelligent standard power unit, which includes an online configurator, is available from the stock. From the order date, the order is processed within three weeks. Energy-efficient systems are economically efficient due to the use of Bosch Rexroth standard components from the GoTo program, the module of machine tools, and in presses and supply units. This is particularly important in modern engineering, machine tools, as well as in presses.

**Clean condition monitoring** with Opto Core Interface: An integrated sensor package and open interfaces provide the basis for a data-based evaluation of the operating state of the individual components and the entire power unit as a calculated value directly on the ABPAC through intelligent evaluation of all sensor data.
Consistently modular: never before was a standard power unit so easy to individualize

Available pumps:
- Internal gear pumps
- Axial plunger pumps
- Axial piston pumps (PGH, PGF, fixed displacement pumps vertically installed; PGX, PGY, variable displacement pumps horizontally installed)
- Drossel in or out separable

Case energy: with variable speed Dynamic drives
You can use a lot of energy savings when you are using energy saving Dynamic drive systems. The Sytronix FcP and SvP 7010 variable-speed drives are not only particularly powerful and quiet, more importantly, they save up to 80% energy!

Multifunctional block:
with all basic functions and variable interfaces
The extremely compact multifunctional block contains all the standard pump functions which you need – from pressure filtration through to the bypass for FcP/SvP applications. It is the central interface to advanced hydraulic control systems. Open interfaces can be drawn concerning the state and remaining values to be evaluated directly on the power unit and configured with/without mounting option for the standard hydraulic control IH20).

Easy to configure: get your own solution with just a few clicks

Online configurator:
configured system: tailored facts
The Online configurator for customized power units can be configured with all hydraulic blocks of the Online configurator for customized power units. The Online configurator is simple and easy to handle, even for inexperienced users. It easily enables you to save considerable planning and commissioning times. Individual adjustments can made at any time. Additional assemblies such as coolers or control cabinets can seamlessly be integrated in the Online configurator for customized power units.

You advantages at a glance
- Easy to configure: get your own solution with just a few clicks
- New sensor package reduces control cabinet size and complexity, ABPAC in the Industry 4.0 environment
- Comprehensive, universally applicable sensor package for hydraulic power and tank capacities can be easily optimized, depending on the application.
- You get your own solution with just a few clicks
- New sensor package reduces control cabinet size and complexity, ABPAC in the Industry 4.0 environment
- Simplified, flexible steel construction

Basic functions integrated in the multifunctional block
Sytronix FcP and SvP (optional) for increased energy efficiency and reduced noise emission.

Interface to additional hydraulic control concepts
- Interface to additional hydraulic control concepts
- Available pumps (optional)
- Available pumps (optional)
- Available pumps (optional)
- Available pumps (optional)
- Available pumps (optional)
- Available pumps (optional)