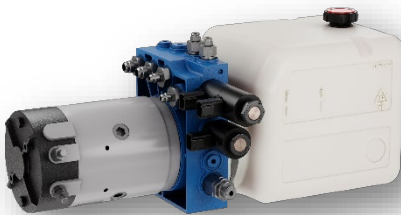
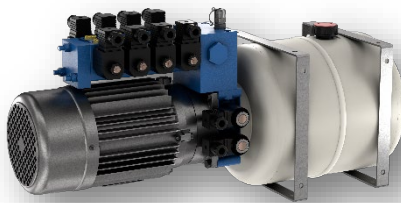


Reliable and Flexible: Compact Power Modules for Today's Hydraulic Systems

COMPACT POWER MODULES EFFICIENTLY CONVERT ELECTRICAL POWER INTO HYDRAULIC POWER. FEATURING A CENTRAL MANIFOLD WITH VARIOUS DESIGN OPTIONS, THEY OFFER FLEXIBILITY AND EASY INSTALLATION. REXROTH COMPACT HYDRAULICS LEADS THE INDUSTRY, PROVIDING ESSENTIAL COMPONENTS FOR PALLET TRUCKS, FORKLIFTS, AERIAL WORK PLATFORMS, AND GARAGE EQUIPMENT. BUILT WITH HIGH-QUALITY MATERIALS, THESE MODULES ENSURE RELIABLE AND PRECISE HYDRAULIC POWER FOR DEMANDING ENVIRONMENTS.



Compact Power Modules are hydraulic power units, innovative and versatile devices designed to efficiently convert electrical power into hydraulic power for a wide range of mobile and industrial applications. These compact power modules are equipped with a central manifold that offers a large variety of design versions, allowing for flexible and expandable modular solutions. The fast and easy mounting system ensures quick installation and maintenance, while the precision control through proportional lowering function guarantees smooth and accurate operation.



Rexroth Compact Hydraulics is at the forefront of designing and producing, these are essential components in various applications such as pallet trucks, forklifts, aerial work platforms, and garage equipment. They are primarily used for lifting and lowering operations in vehicles and material handling systems. The modules are designed with minimal piping, and they combine several motors, pumps, and tanks to provide a reliable and efficient hydraulic power source.



In mobile applications, Compact Power Modules play a crucial role in powering hydraulic systems in vehicles such as pallet trucks and forklifts. These units provide the necessary hydraulic power for lifting and lowering heavy loads, contributing to the smooth and efficient operation of material handling equipment. Additionally, in industrial settings, these modules are utilized in aerial work platforms and garage equipment, where precise and controlled hydraulic power is essential for effective operation.

The modular and flexible nature of Compact Power Modules allows for easy integration into various systems, providing a cost-effective solution for hydraulic power needs. With a maximum working pressure up to 300 bar and a flow rate up to 30 l/min, mainly utilizing external gear pumps, these modules are well-suited for a wide range of applications. The tank capacity is up to 60 liters, and the electric motor can be either AC or DC, offering versatility to meet different power requirements.

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Constructed using high-quality aluminum Rexroth Compact Power Modules are designed to withstand the rigors of demanding operating conditions, ensuring durability and reliability. Their modular, flexible, and cost-effective design makes them an ideal choice for applications requiring precise and efficient hydraulic power.

Compact Power Modules from Compact Hydraulics offer a reliable and efficient solution for a wide range of mobile and industrial applications, providing precise and controlled hydraulic power for lifting and lowering operations.

Here below the list of the product families available, for any additional information please refer to the datasheet linked below.

Special Customization



- Dedicated die cast central manifold
- Wide range of motor-pump combination
- Low noise solutions
- Special Plastic and steel tanks
- Customized HIC

Main applications
AWP, Forklift, Tailgate

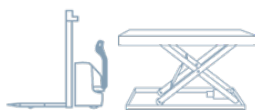


ME-MR line

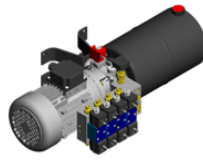


- Pump Gr05, 0.18-1.5cc
- Reversible solution available
- 0.15-2.2kW DC motor
- 0.09-1.1kW AC motor
- Plastic and steel tanks up to 12l capacity

Main applications
Small Pallet Truck, Table Lift



KE-K-KS line



- Pump Gr1, 0.9-7.4cc
- 0.15-3kW DC motor
- 0.75-4kW AC motor
- Plastic steel and aluminium tanks up to 60l capacity

Main applications
Garage Equipment, Pallet truck, Car lift, Dumper



DL line



- Pump Gr1
- Specific design for dock leveller application
- Compact mounting style AC motors (0.75-2.2kW)
- Plastic tanks

Main applications
Hinge Lip and Telescopic Dock Levellers



MT line



- Pump Gr1
- Specific design for light industrial clamping applications
- Standardized modular solution

Main applications
Light Industrial (Machine tool clamping)



FEATURES

- Compact design
- Customized solutions to meet customer needs
- Availability of a wide range of components
- Modular, flexible, cost effective systems

PRODUCT LINE KEYS

- Applications: mobile, light industrial
- Max working pressure: < 300 bar
- Flow rate: < 30 l/min.
- External gear pumps (high pressure and low noise solutions available)
- Reservoir: steel and plastic; < 60 liters
- Electric motor: AC / DC
- Central manifold: Aluminum die-cast / extruded bar

Contact: compact-hydraulics-cpm@boschrexroth.com