

HYDRECO

a member of **DAIKIN** group



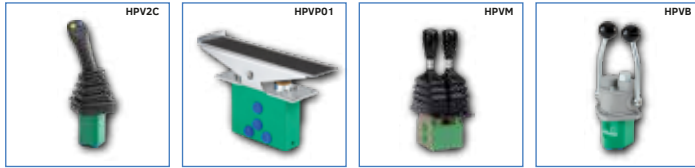
PRODUCT OVERVIEW

Hydreco Hydraulics Product Overview

PILOT CONTROL VALVES

Remote pilot operation of directional control valves with userfriendly, low effort controls.

- Single, multiple and joystick controllers
- Stylish, ergonomic designs for modern cabs
- Range of accurate, low hysteresis control curves
- Range of valves with foot pedal operation



HANDLES

Ergonomic multi function handles for both safe and accurate man/machine interface.

- Knobs and levers with or without electrical switches and range of buttons
- Stylish, ergonomic designs for modern cabs
- Multifunction handles with extended button area
- Operator presence with capacitive sensor.



ELECTRICAL JOYSTICKS & PEDALS

For use in electronic control systems. Pedals and joysticks

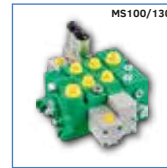
- Analogue
- On Off (Only Mini EPVJ)
- PWM
- CAN-bus



DIRECTIONAL CONTROL VALVES

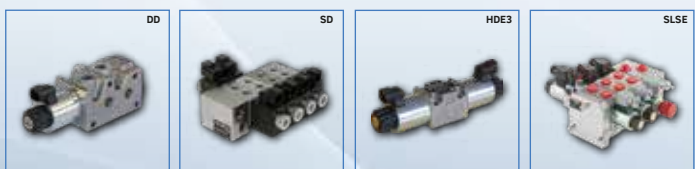
Directional Control Valves for mobile, material handling and other applications.

- 60 to 250 l/min (15.9 to 66 gal/min) and up to 350 bar (5076 psi) system pressure
- Parallel, tandem and mixed circuits available depending on model
- Sectional high grade iron housings
- Wide range of spool types and metering characteristics
- Operating systems include manual, hydraulic and electrohydraulic
- Integral system relief valve together with individual port relief and make up options available



CETOP AND BANKABLE VALVES

We offer a wide range of reliable and high-quality CETOP03 and CETOP05 hydraulic valves to suit all applications. Whether you need just a single valve or the whole stacked valve assembly, we have a solution that meets your requirements.



WORLD PUMPS

Single and multiple pump options covering all applications from 12 to 88 cc/rev (0.73 to 5.37 cu in/rev) per pump section. Low noise spur gear technology minimizes pressure ripple and noise.

- 350 bar (5076 psi) nominal pressure
- 450 To 3500 RPM
- High volumetric efficiency
- Very low noise levels
- Cast iron construction
- Long life plain bearings
- Multiple pumps on one shaft
- Popular drives and ports



Q SERIES PUMPS

Single and multiple pump options covering all applications from 16 to 240 cc/rev (0.98 to 14.65 cu in/rev) per pump section. Patented helical or low noise spur gear technology minimizes pressure ripple and noise.

- 280 bar (4000 psi) peak pressure
- 450 to 3000 RPM
- High volumetric efficiency
- Very low noise levels
- Cast iron construction
- Long life plain bearings
- Multiple pumps on one shaft
- Popular drives and ports



ALUMINUM PUMPS & MOTORS

Single and multiple pump options from 1.2 to 61 cc/rev (0.07 to 3.72 cu in/rev) per pump section. Helical from 4.5 to 48 cc/rev (0.27 to 2.93 cu in/rev). 310 bar (4.500 psi) peak pressure.

- 310 bar (3500 psi) peak pressure
- Up to 4000 RPM
- High efficiency
- Integral relief valves
- Multiple pumps on one shaft
- Popular drives and ports



PTOS AND TRUCK SOLUTIONS

With a reputation for rugged design and long life, the range consists of PTOs, Controls, Valves and Pumps.

Serving the transport hydraulic market in applications such as tipping/dump, waste management, municipal, cranes, recovery vehicles, mining, drilling and construction.



KCB CARTRIDGE VALVES

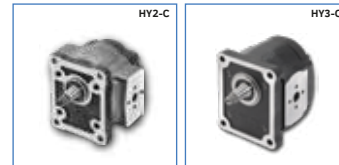
They control the movement of a hydraulic actuator (cylinder or motor), specifically:

- Safe locking of actuator with directional valve in idle position (or with pump stopped).
- Controlled movements of the actuator when the load is descending. Due to the presence of the pilot line, the velocity of the actuator is always due to the flow rate from the pump, even in the case of dragging load, cavitation phenomena that can cause serious accidents due to loss of control are avoided.
- They limit the maximum pressure in the service due to any shocks, overloads or abrupt maneuvers.
- They allow free rise of the load thanks to a built-in one-way valve.



CAST IRON PUMPS & MOTORS

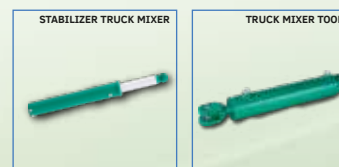
Single and multiple pump options from 4.5 to 61cc/rev (0.27 to 3.72 cu in/rev). Helical from 4.5 to 48 cc/rev (0.27 to 2.93 cu in/rev). 310 bar (4.500) PSI peak pressure.



TELESCOPIC CYLINDERS

Robust front end and under body telescopic cylinders for tipper/dump truck and trailer applications.

- 3, 4 and 5 stage units
- Outer cover versions available
- Spherical bearing joints available
- Load capacity following customers needs



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Supported by a worldwide network



CONTACT INFORMATION

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AMERICAS

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