

# rotork® Fluid Systems

The cHPU multi-valve actuation system offers a compact, economic solution to on/off isolation and emergency shutdown valve control and enables operators the flexibility, control and responsiveness required to maintain critical fluid power operations.

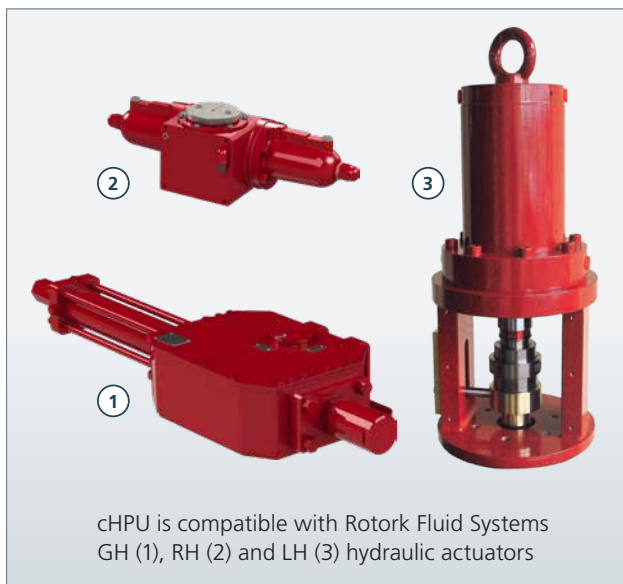
The cHPU is an electro-hydraulic multi-valve actuation system designed for automated functionality, with local and remote interface capabilities. It includes a stand mounted power system and one or more remote mount Actuator Control Manifolds (ACM).

The cHPU controls rotary and linear valves. Each ACM is supplied as double-acting, spring-return, or combinations of each.

The cHPU power system operates as a central control unit. The automated system acts to pressurize and maintain the pressurized hydraulic oil supply used to control the ACM.

Local control switches and remote control contacts are located on the cHPU power system. Each ACM includes manual override valves. When system power or system pressure are not available, the power system includes a manual hydraulic pump to allow un-powered valve control.

The automated system monitors the power system and ACM operational status. In the event functional or critical failure occurs, alarm notification is provided.



## cHPU

### Compact Hydraulic Power Unit

- Standardized uniform construction, no “custom” hardware
- No grid power required with optional 24 VDC solar supply and battery system
- Capacity to power up to four remote hydraulic actuators
- Provides accumulator storage for failsafe applications
- Partial stroke test capability included
- Local controls with optional TCP/IP to remote SCADA
- Integral manual override
- UL hazardous rated Div. 1, Class 1, Group D
- CSA hazardous rated Div. 1, Class 1, Group D
- 316 Stainless Steel equipment enclosure
- Power combinations:
  - Double-acting
  - Spring-return
- Multi-function alarm monitors
  - Power
  - System Pressure
  - Controller
  - Oil Level
  - PST test
  - Run Time
  - Motor
- Modular expandable design
- Operating temperature: 0 to +120 °F
- 3,000 psi rated throughout
- All standard AC voltages
- Optional ELB (Electronic Line Break) pipeline monitoring system available for gas applications

# rotork®

Keeping the World Flowing

## cHPU

Compact Hydraulic Power Unit

A full listing of the Rotork sales and service network is available on our website.

[www.rotork.com](http://www.rotork.com)

#### Corporate Headquarters

Rotork plc  
tel +44 (0)1225 733200  
fax +44 (0)1225 333467  
email [mail@rotork.com](mailto:mail@rotork.com)

#### Controls

Electric Actuators and Control Systems

#### Fluid Systems

Fluid Power Actuators and Control Systems

#### Gears

Gearboxes and Gear Operators

#### Instruments

Precision Control and Indication

#### Site Services

Projects, Services and Retrofit

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