

# RCS Hy-Q

Hydraulic scale for forklift trucks and reach trucks

## BENEFITS

- High accuracy hydraulic scale
- Less sensitive to load center point eccentricity
- Overload indication in display
- Use in combination with rotators and clamps
- Suitable for rough applications
- Intuitive full color graphic display guides the user
- No manifold block: easy and cost efficient installation



Top quality  
Indestructible

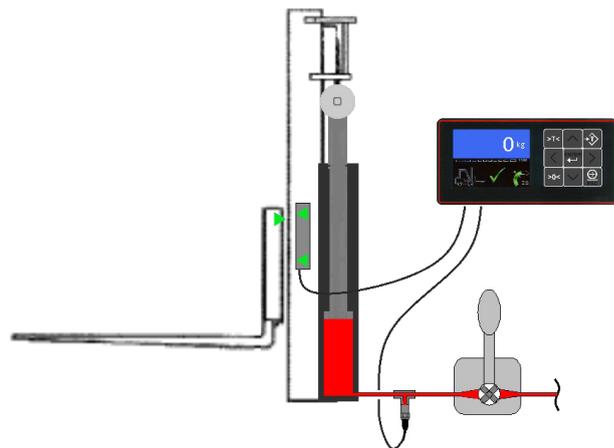


## FUNCTIONS

- Manual zero correction
- Self-learning zero correction
- Gross/Net weighing (by tare weighing or preset tare entry)
- Total function with five separate registers that can be named by the operator. Name length max. 16 alpha-numeric characters
- Overload indication, based on actual hydraulic pressure, not on calculated weight
- Error message in display

## STANDARD SPECIFICATIONS

- Capacity 2,500 kg till 99 tons
- Graduation 2 kg at 2,500 kg capacity  
5 kg at 5,000 kg capacity  
10 kg at 10,000 kg capacity  
20 kg at 25,000 kg capacity  
50 kg at 50,000 kg capacity  
0,1 ton at 99 ton capacity
- System tolerance 0.2% of the scale capacity
- Display Graphic full-color display
- Keyboard 9 keys
- Protection class IP65 / NEMA 4
- Power supply 12Vdc, from truck battery



## SYSTEM PACKAGE

- Hy-Q indicator with graphic display
- RAM indicator mounting support
- Oil pressure sensor G $\frac{1}{4}$ " BSP male
- Metal strip with 2 sensors for mast mounting
- Magnet, to be installed on the carriage plate
- Installation- and calibration manual
- Operator manual

## HOW RCS HY-Q WORKS

Two sensors in a metal strip mounted against the mast measure the lifting and lowering speed of the forks. While the load passes the trajectory between the two sensors, the indicator samples the hydraulic pressure output of the sensor approximately 1000 times and calculates an average value. The weighing is done UP and DOWN: the load is lifted, and then lowered past the two sensors within a predefined speed bandwidth.

Warning: the 0.2% tolerance can only be guaranteed when the truck mast is in good condition.



• ISO 9001  
• ISO 14001

## OPTIONS\*

- Power convertor 80/ 72/48/36/24 Vdc – 12 Vdc
- RS232 output for printer or data transfer (only 1 port available)
- Thermal or matrix printer in separate housing
- Bluetooth or WiFi output
- WeighScan data collector with built-in 1D barcode scanner
- CubeTape digital dimensioning tape
- Level switch to indicate forklift mast tilt position at display

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\* The use of options may change related specifications, changes reserved, rev.20160405

