

RAVAS RCS Hy-Q-52

Hydraulic scale for forklift trucks and reach trucks

BENEFITS

- High accuracy hydraulic scale
- User friendly 5" touch display
- Intuitive full color touch display guides the user
- Easy calibration due to optimal calibration menu
- Overload indication in the display
- No manifold block: easy and cost efficient installation
- For use in combination with rotators and/or clamps
- Less sensitive to changes to load center point
- Suitable for rough applications



Top quality

Indestructible



RAVAS

FUNCTIONS

- Manual zero correction
- Self-learning zero correction
- Gross/Net weighing
- Tare memory for 10 values
- ID-code entry for 4 ID-codes with 10 preset codes (each max. 14 characters alpha-numeric)
- 10 totalizing registers
- Internal clock for date and time
- On board:
 - RS232 port connection for printer
 - USB output for data transfer (with USB Stick)
 - Free COM1 and COM2 for connection to RS232, WiFi or devices that have Bluetooth® technology
 - Connectivity for RAVAS Indicator App
- USB output can also be used to connect a bar-code scanner
- Overload indication based on actual hydraulic pressure
- Error message in display incl. logging

STANDARD SPECIFICATIONS

- Capacity up to 50.000 kg
- 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
- System tolerance
 - +/- 0,2 % of the scale capacity
 - +/- 0,5% of the capacity of the stackertruck
- Display full-color 5" touch display
- Keyboard display mode defines the available keys
- Protection class IP65
- Power supply 9Vdc - 100Vdc input, built-in regulator / convertor board
- Operating temp. -10°C till +40°C
- Dimensions indicator L x B x H = 85 x 165 x 115 mm

INSTALLATION

Please note: The installation of the T-piece, the oil pressure sensor and other parts of the hydraulic scale will not be carried out by RAVAS, but must be done by the lift truck dealer! This installation must be completed prior to the visit of the RAVAS technician. The RAVAS technician will do the installation of the indicator, the connection to the power supply as well as the calibration.

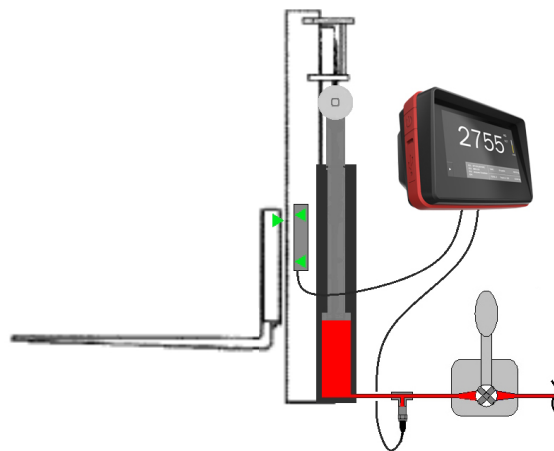
SYSTEM PACKAGE

- Hy-Q-52 indicator with 5" touch display
- RAM indicator mounting support
- Oil pressure sensor G¼" BSP male thread
- Metal strip with 2 sensors for mast mounting
- Magnet to be installed on the carriage plate
- Installation and calibration manual
- Operator manual

HOW RAVAS RCS HY-Q-52 WORKS

The metal strip with the two magnet sensors has to be mounted on the mast to measure the lifting and lowering speed of the carriage plate. When the carriage plate passes the trajectory between the two sensors, the indicator samples the hydraulic pressure output of the sensor approximately 1,000 times and calculates an average value. The weighing will be done UP and DOWN: the load is lifted, and then lowered, passing the two sensors within a predefined speed bandwidth. If the RAVAS RCS HY-Q-52 is installed on a reach truck (or stacker truck) where the hydraulic pump is used for regenerating power during lowering, the menu and calibration should be set to weighing in UP-mode only.

Warning: the +/- 0,2% (or +/- 0,5%) tolerance can only be guaranteed if the truck mast is in good condition.



OPTIONS*

- Thermal or matrix printer
- Data transfer to devices that have WiFi or Bluetooth® technology
- Ticket label printer
- 1D USB bar-code scanner
- RDC, RAVAS Data Collector Software
- RIS, RAVAS Integration Software

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