

RAVAS RCS Plus

Hydraulic scale for forklift trucks



BENEFITS

- Good accuracy
- Used with rotators and clamps
- Suitable for rough applications
- Easy to calibrate

Top quality
Indestructible



RAVAS

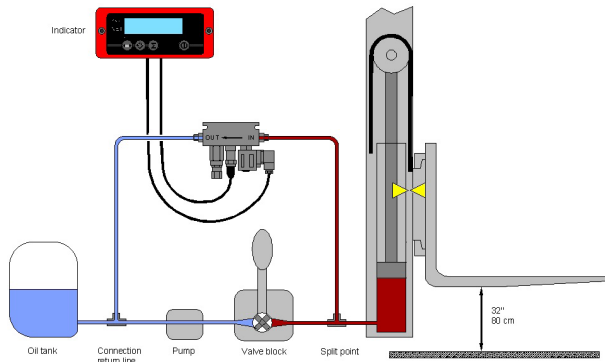
FUNCTIONS

- Manual zero correction
- Gross/net weighing
- Manual tare entry
- Code entry (5-digit)
- Totalling with sequence number
- kg or lb readout
- Error messages in display

HOW RAVAS RCS PLUS WORKS

The operator lifts a load to the reference height mark at about 80 cm above floor level. He then presses a button on the indicator and the system will automatically lower the forks by approximately 15 cm. During this controlled descent, the display counts down from 4....3....2....1.... while the software calculates the weight and then shows it in the indicator display.

The RAVAS RCS Plus has a dynamic zero value. In fact this display value reflects the oil pressure in the mast's hydraulic circuit when the forks are unloaded. After unloading the forks the display value returns to the zero point, providing the operator with actual information on a possible drift of the calibrated system's zero point during use. Zero point drift can occur as during the use of the forklift truck the oil in the mast warms up which influences the pressure in the system and the zero point calibration accordingly. The dynamic zero value provides this information to the forklift driver. A possible zero point drift can easily be corrected by doing a zero weighing and restoring the zero point.



SYSTEM PACKAGE

- Hydraulic valve block with oil pressure sensor and flow adjustment regulator
- Indicator 4100 plus RAM indicator mounting support
- Lifting height reference mark stickers
- Installation- and calibration instructions
- Operator manual

STANDARD SPECIFICATIONS

- | | |
|--------------------|---|
| • Capacity | 2,500, 5,000 or 10,000 kg |
| • Graduation | 2 kg at 2,500 kg capacity
5 kg at 5,000 kg capacity
10 kg at 10,000 kg capacity |
| • System tolerance | 0.2% of the scale capacity* |
| • Indicator | LCD, digit height 18 mm, adjustable backlight |
| • Controls | 4 function keys, on/of key |
| • Protection class | IP65 / NEMA 4 |
| • Power supply | 12Vdc, from truck battery, including power converter |

*Warning: the 0.2% tolerance can only be guaranteed if the truck mast is in good condition and the weighing system is used correctly. Rolls and bearings in the mast should be properly lubricated. During weighing, the mast should be in vertical position, the load should be placed in the centre of the forks.

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.



Management System
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
www.tuv.com
ID 0000037200

OPTIONS*

- Capacities between 10,000 kg and 30,000 kg; graduation 20 kg
- High capacity hydraulic valve block for capacities above 30,000 kg; graduation in consultation, depending on the truck specifications
- Thermal or matrix printer in separate housing
- Data transfer to devices that have WiFi or Bluetooth® technology

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