

RCS-PLUS

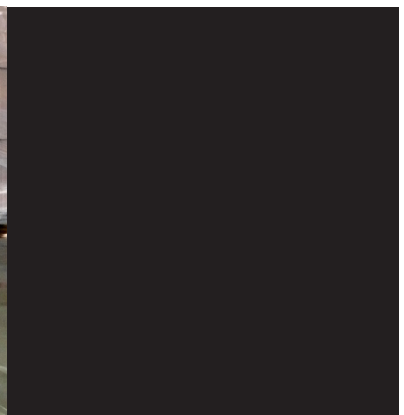
Hydraulic scale for forklift trucks



BENEFITS

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

Top quality
Indestructible



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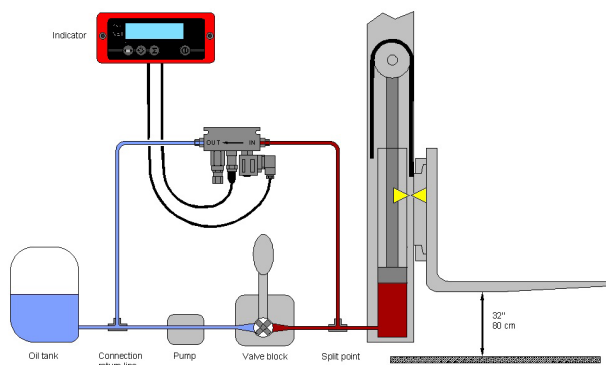
FUNCTIONS

- 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 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 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 |

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.



• ISO 9001
• ISO 14001

OPTIONS*

- High capacity hydraulic valve block, for capacities above 30,000 kg; graduation 20 kg
- Converter 80/48/36/24Vdc - 12Vdc
- Thermal or matrix printer in separate housing
- Bluetooth or WLAN output

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* The use of options may change related specifications. rev.20171114

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