

griptech

HYDRAULIC WEIGHING SYSTEM | TC2000



Attachments

Weighing systems

Camera systems

Features:

- ▶ Compatible with all attachments
- ▶ Wide range of models - the right system for every application
- ▶ High and stable system accuracy ($\pm 0.2\%$ of the load capacity of the forklift truck)
- ▶ For vehicles with load capacities up to 50,000 kg
- ▶ Simple installation and calibration

HYDRAULIC WEIGHING SYSTEM | TC2000

Weighing accuracy $\pm 0.2\%$ of the load capacity of the vehicle

Very stable and high-quality weighing system, whereby the weighing principle based on DMD (Dynamic Weight Determination Software) in combination with the TC display unit guarantees the best weighing result and the weighing data is displayed in full. This system has no effect on the load capacity of the vehicle, is independent of load center of gravity shifts and can also be used in combination with attachments. The system is installed protected in the vehicle, is insensitive to overloads and impact forces and is suitable for rough and intensive use.

For vehicle types: all industrial trucks with vertical lift mast, telehandlers and construction machinery.

Features:

- › Indicator TC
- › High and stable system accuracy ($\pm 0.2\%$ - 0.5% of the load capacity of the forklift truck)
- › For vehicles with load capacities up to 50,000 kg
- › Operator-independent weighing process
- › Vibration and shock-proof components
- › Simple installation and calibration
- › No sensors directly on the mast
- › Integrated converter for 12-80 volt supply voltage
- › Compatible with attachments
- › Everything from a single source, hardware and software developed in-house at Griptech
- › Wide range of models - the right system for every application

Options:

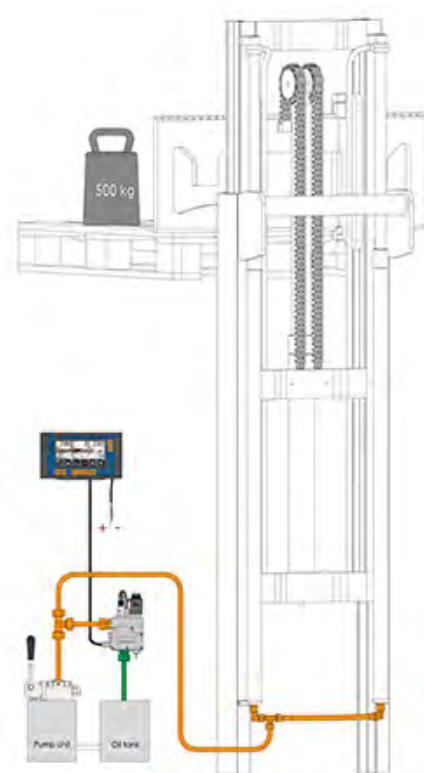
- › Display unit with stainless steel housing
- › ATEX version
- › Printer and data transfer (e.g. via SmartBox or Griptech Connect)

Technical data:

- › Supply voltage: 12 - 80 volts
- › Working pressure: max. 400 bar (system pressure can be higher)
- › Protection class indicator TC: IP54
- › Dimensions of TC indicator: W x H = 201 mm x 113 mm

Weighing procedure:

The weight is raised to a predetermined height. By pressing a button, a solenoid valve on the measuring block is activated and automatically lowers the fork carriage by approx. 150 mm. The weight is determined and displayed within 3-5 seconds.



Hydraulic weighing system TC2000 incl. indicator TC (see page 101)

Series	Load capacity of the forklift truck	Display steps in kg at nominal load capacity of the forklift truck					
		up to 2,500 kg	up to 5,000 kg	up to 7,500 kg	up to 10,000 kg	up to 20,000 kg	up to 50,000 kg
TC2000 MBU 15	up to 10,000 kg	2 kg	5 kg	10 kg	20 kg	-	-
TC2000 MBU 30	up to 50,000 kg	-	-	-	-	50 kg	100 kg