

# ***griptech***

## HYDRAULIC WEIGHING SYSTEM | TC EVO



Attachments

Weighing systems

Camera systems

### Features:

- ▶ Consistent weighing accuracy regardless of the operator
- ▶ High, stable system accuracy ( $\pm 0.2\%$ – $0.5\%$  of the vehicle's capacity)
- ▶ Compliant with DIN EN 1175
- ▶ Compatible with a wide range of vehicles
- ▶ Easy installation with no return line to the tank required

# HYDRAULIC WEIGHING SYSTEM | TC EVO

## The new standard for hydraulic weighing

The TC EVO hydraulic weighing system stands out with its compact measuring block, which is connected directly to the main line leading to the lift mast. This eliminates the need for a return line to the tank—making installation significantly easier.

Thanks to its well-thought-out design, the measuring block is available in various configurations and is suitable for a wide range of vehicles. From electric pallet trucks to heavy-duty counterbalance forklifts handling loads over 8,000 kg—the TC EVO is the ideal system for numerous applications.

The weighing principle of the TC EVO is based on innovative DMD technology (Dynamic Mass Determination). In combination with the TC indicator, it ensures precise and reliable weighing results. The system does not affect the vehicle's load capacity and can be effortlessly combined with attachments—highlighting its versatility and efficiency.

### Features:

- › TC indicator
- › High and stable system accuracy ( $\pm 0.2\%$ – $0.5\%$  of the vehicle's load capacity, depending on the vehicle type)
- › Components resistant to vibrations and shocks
- › Easy installation and calibration
- › No sensors mounted directly on the lift mast
- › Lowering process can be interrupted at any time
- › No interference with lift height preselection on reach trucks
- › Supply voltage: 12–80 volts
- › Protected against overvoltage

### Options:

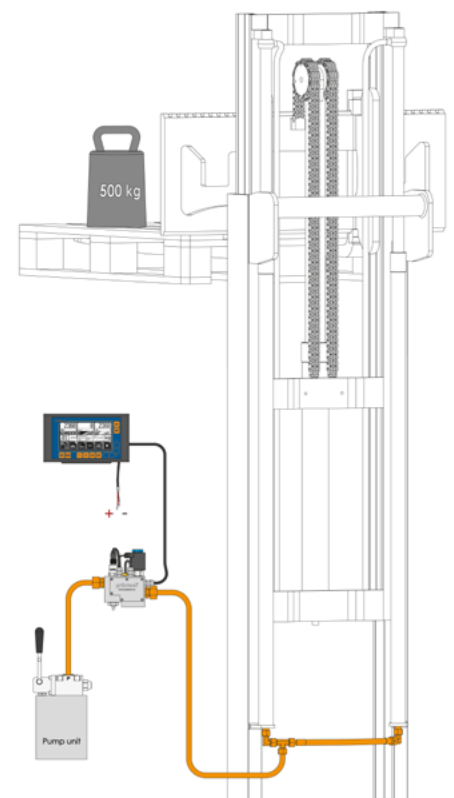
- › Indicator with stainless steel housing
- › ATEX version
- › Printer and data transmission (e.g. via SmartBox or Griptech Connect)

### Technical data:

- › Supply voltage: 12–80 volts
- › Operating pressure: max. 400 bar
- › Protection class of TC indicator: IP54
- › Dimensions of TC indicator (W x H): 201 mm x 113 mm

### Weighing procedure:

The weighing process is initiated by pressing a button on the display unit. The load is then lowered using the lift function control lever. The lowering speed is regulated by the sensor block. The weight is displayed within approximately 3 seconds.



## Hydraulic Weighing System TC EVO including indicator TC

Series	Load capacity	Display steps in kg at nominal load capacity of the forklift						
		Up to 1,000 kg	Up to 2,000 kg	Up to 2,500 kg	Up to 3,000 kg	Up to 5,000 kg	Up to 8,000 kg	From 8,000 kg
TC EVO 40 (Pallet Truck)	Up to 2.500 kg	1 kg	5 kg	5 kg	-	-	-	-
TC EVO 40 (Stacker)	Up to 2.500 kg	1 kg	2 kg	5 kg	-	-	-	-
TC EVO 80 (Reach Truck)	Up to 2.500 kg	2 kg	2 kg	5 kg	-	-	-	-
TC EVO 160 (Counterbalance Truck)	Up to 8.000 kg	-	-	-	5 kg	5 - 10 kg	10 kg	-
TC EVO 260 (Counterbalance Truck)	From 8.000 kg	-	-	-	-	-	-	10 - 20 kg

- › TC EVO 260 from 8,000 kg up to a maximum of 260 liters/minute
- › Working pressure maximum 400 bar (including standard 250 bar sensor)