



Weighing systems for pallet trucks



PTM-N IX model



PTM-N IX model

General characteristics

Electronic weighing system for handle-operated pallet trucks in AISI 304 stainless steel. The weight is displayed on the on-board electronic indicator connected to a built in battery supply. The weight is measured by four high-precision stainless steel load cells with a protection rating of IP67. The system incorporates mechanical safety stops. It can be equipped with EV7-S indicator (PTM-NE IX model) for internal use version or with D430 indicator and optional printer (PTM-N IX) both in the internal use version and in the approved version for trade use. **M**

Technical specifications

Hydraulic lift with precision-ground and chromed steel piston, fitted with automatic limit switches

- Raise/lower control on truck handle
- Self-lubricating plain bearings on steering joints
- Rechargeable batteries. Battery life before recharging: min. 20 hours (operation without printer)
- Equipped with external battery charger
- Power supply: 12 Vcc
- Power absorption: 10 Va
- Power absorption with printer: 20 Va
- EIARS 232, 422/485 serial outputs
- Operating temperature -10° / +40°
- Storage temperature -20° / +70°
- Complies with Directive 73/23 EEC (Low Voltage)
- Complies with Directive 89/336 EEC (Electromagnetic Compatibility)
- Electromagnetic immunity in compliance with EN45501
- Immune to irradiated electromagnetic fields of up to 10 V/m



PTM-N IX model

Functional characteristics

The weight is displayed to the operator on the indicator mounted on-board the truck in a high visible position.

OPERATION WITH D430 INDICATOR (PTM-N IX)

The stainless steel indicator, with a protection rating of IP68, is equipped with a backlit graphic display (mm. 135x32). It allows you to manage:

- language selection for messages (6 languages)
- weight display with variable height digits (16/32 mm)
- date, time and progressive number
- 6-digit product code (or client code) which recalls a 20 character alphanumeric description
- 8-digit alphanumeric generic code
- gross weight, net weight, tare (possibility of auto tare, preset tare, known coded tares function)
- net weight
- facility to perform totalization for a preselected code or function

It is possible to select special operations such as:

- multiple tares: this function allows the operator to enter the tare of a pallet, of a box and the number of boxes on the pallet and calculate the total tare value as preset tare value
- piece counter function: automatic calculation of Average Unit Weight
- sum weighing: allows progressive loading of the scale, acquisition and possible printing of the weights for each stage, by resetting the display after each loading

OPERATION WITH EV7-S INDICATOR (PTM-NE IX)

The stainless steel indicator, with a protection rating of IP68, is equipped with a 7-segment (h=20mm) red LED display and a 7-key keypad.

It manages the following data:

- display of: gross weight – net weight
- auto tare or preset tare function
- reset
- test
- weight value transmission via a serial port
- indication of battery charge status

Optionals

Pedal operated parking brake

- On-board thermal printer. Available with D430 indicator only
- Telemetry facility with radio link for data download to remote computer or indicator
- “MPP” Permanent weights memory. Available with D430 indicator only

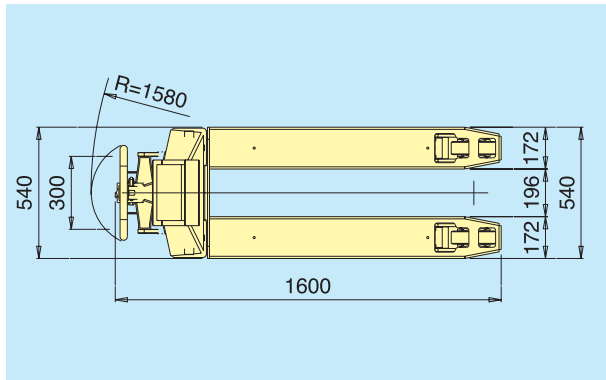
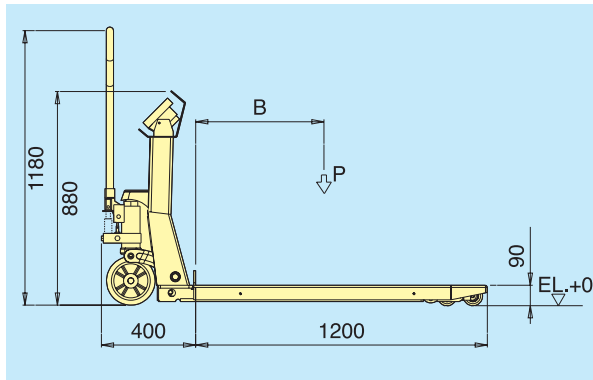


PTM-N IX model with optional printer



Example printouts

PTM-N IX



Pallet truck technical specifications

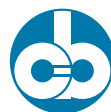
| | | | |
|------------|----------------|------|------|
| P | load capacity | kg | 2000 |
| B | center of mass | mm | 600 |
| Ø | wheels, No. 2 | mm | 200 |
| Ø | rollers, No. 4 | mm | 80 |
| N°1 | battery | V/Ah | 12/7 |

Technical specifications of Multirange weighing system for internal use

| Model | Weighing capacity (kg) | Division (kg) |
|-----------------------|------------------------|---------------|
| PTM-N IX/PTM-NE IX 6 | 300/600 | 0,2/0,5 |
| PTM-N IX/PTM-NE IX 20 | 1000/2000 | 0,5/1 |

Technical specifications of Multirange weighing system for approved version M

| Model | Weighing capacity (kg) | Division (kg) |
|-------------|------------------------|---------------|
| PTM-N IX 6 | 300/600 | 0,2/0,5 |
| PTM-N IX 15 | 500/1000/1500 | 0,5/1/2 |



SOCIETÀ COOPERATIVA
BILANCI

Weighing instruments and technology

Società Cooperativa Bilanciai Campogalliano a.r.l.
41011 Campogalliano (MO) Italy - Via S. Ferrari, 16
Tel. +39 059 / 89.36.11 r.a. - Fax +39 059 / 52.70.79
www.coopbilanciai.it - cb@coopbilanciai.it