TPWP Professional Pallet Truck Scale

As of: Wednesday, January 14, 2026



Standard Features

Professional pallet truck scale, ideal to obtain the maximum weighing resolution. Available in approved version for legal-for-trade use and with printer, for tracing the weighing operations. Manufactured, calibrated and adjusted in Italy by Dini Argeo, with the use of certified sample weights.

WEIGHING FEATURES

- Maximum lifting capacity: 2,000 kg.
- Resolution:
  > internal use: 0,2 kg
  > approved: 0,5 / 1 kg
- Accuracy (weighing of goods on Europallet with distributed load):
  > internal use: +/- 0,5 kg
  > approved: according to CE certification (Directive 2014/31/EU)

- Configuration, calibration and diagnostics from keyboard or PC with DINITOOLS.

WHY CHOOSE TPWP DINI ARGEO

- Resolution up to 100 g for weighing with maximum accuracy (see options).
- Equipped with a rotating head for maximum reading comfort during storage operations.
- Available in approved version for legal-for-trade use and with printer for tracking the weighing operations.
- Rechargeable extractable battery with quick connection "Instaplug" technology, antireverse, and autonomy of about 60 hours of continuous functioning.
- Built with 4 IP68 STAINLESS STEEL approved Dini Argeo load cells.
- Programmable automatic switch-off which lengthens the working autonomy, with battery level indication.
- The large backlit 25 mm LCD display allows an easier reading also in low light conditions.
- Each pallet truck is tested and supplied with a certificate to guarantee the declared accuracy.

PROTECTIVE PACKAGING

The protective packaging on pallets ensures optimal protection of the product and is made of fully recyclable materials.



TPWP Professional Pallet Truck Scale Specifications

Technical Features

- Lowered profile forks, only 85 mm.
- Fork dimensions 1150 x 550 x 85 mm (wide fork version upon request).
- Lifting height 200 mm.
- Weight approx. 116 kg (without packaging).
- Structure in extra-thick steel, oven-fire painted.
- **Set swivel head**, adjustment +/-160°.
- Protection rating IP65 (except printer area).
- Guide wheels and loading rollers with polyurethane coating.
- Waterproof 17-key numeric-functional keyboard, with indications for quick recall of the main functions and adjustments.
- Quick-lift hydraulic pump allowing controlled lowering of the forks.
- Battery charger 230Vac 50Hz with EU plug included (charging time approx. 8 hours). Optional UK, AU, US plugs.
- Bi-directional RS232/C port configurable for radio modem or handheld terminal.
- **Thermal printer as standard**, including clock/calendar. Configurable print format.
- Operating temperature -10° / +40 °C.

The Easiest to Recalibrate and Repair

- The only one without junction box: the adjustment of each individual cell is done comfortably from the keyboard.
- Spare and wear parts always available and ready for delivery.
- Service centres throughout Europe and the world.

Other Versions Available

- Non-standard forks (both in length and width)
- High resolution 0,1 kg
- Approved load capacity 600 kg, resolution 0,2 kg
- Approved load capacity 600 / 1.500 kg, resolution 0,2 / 0,5 kg
- Approved load capacity 1.500 kg, resolution 0,5 kg
- Approved load capacity 1.500 / 2.500 kg, resolution 0,5 / 1 kg
- Load capacity 2.500 kg
- Other capacities / special resolutions: upon request
- Other special versions: upon request

Main Functions

- The user can select the operating modes directly using the dedicated key*:
  - High resolution display x 10
  - Precision weighing with temporary recalibration via a sample weight (for internal factory use)
  - Net/Gross
  - Lb to Kg converter
  - Free conversion factor (for meter and litre counters etc.)
  - Weight totalizer
  - Formulizer
  - +/- controller with quick target and threshold input
  - Percentage weighing
  - Percentage batching with programmable target
  - Piece counter
  - Alibi memory (optional)

- Access to the user menu is gained using the dedicated key* to adjust the weighing filter, date and time, setpoint and tare weight, which the user can access by entering a programmable access password.

** These quick access keys to the menus can be blocked by configuring a dedicated password.*

Available Versions

Code	Max (kg)	d (kg)	M (kg)	d HR (kg)*
TPWP	2000	0,2	--	0,1
TPWPM M	1000 / 2000	--	0,5 / 1	--

Parts

Part #	Description
Available Versions	
TPWP-1	Professional pallet truck scale Max=2000 kg, d=0,2 kg. Integrated printer.
TPWPM-1	Approved professional pallet truck scale Max=1000/2000 kg, d=0,5/1 kg. Integrated printer.

Options

Part #	Description
International Power Plugs	
UK-V3	Version with UK charger.
AUS-V3	Version with AU charger.
US-V3	Version with US charger.
Special Calibrations	
FS600M	Single range capacity option of 600 kg for CE-M approved pallet truck scales, with resolution of 0,2 kg and CE approved accuracy, in accordance with Directive 2014/31/EU.
FS1500M2R	Double range capacity option of 600/1.500 kg for CE-M approved pallet truck scales, with resolution of 0,2/0,5 kg and CE approved accuracy, in accordance with Directive 2014/31/EU.
FS1500M	Single range capacity option of 1.500 kg for CE-M approved pallet truck scales, with resolution of 0,5 kg and CE approved accuracy, in accordance with Directive 2014/31/EU
FS2500M	Double range high capacity option of 1.500/2.500 kg for CE-M approved pallet truck scales, with a resolution of 0,5/1 kg and CE approved accuracy, in accordance with Directive 2014/31/EU
FS2500	Single range high capacity option of 2.500 kg, keeping standard resolution. Accuracy as standard up to 2.000 kg; ±2 kg from 2.000 kg up to 2.500 kg.
TPWHRES	High resolution version for pallet truck scale, d = 0,1 kg.
Calibration Service (Only at Order)	
CT7	ISO 17025 calibration certificate from 1501 to 3000 kg for single scale/platform. For precision balances, industrial and crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
Special Sizes	
TPWWF-2	Version with wide forks (680 mm), for pallet truck scales. Note: In the case of brake combination, choose option TPWFRE-1.
Parking brake	
TPWFRE	Parking brake system with command pedal mounted on steering wheels.
TPWFRE-1	Parking brake system with command pedal for wide fork version (TPWWF-x) and TPWN serie, mounted on steering wheels. Please note: This brake is not compatible with the accessory wheels for this product.
Stainless Steel Forks	
TPWXFI	Stainless steel fork covers. To be combined with TPW pallet trucks, not sold individually.
Extractable additional battery	

Part #	Description
INSTAPLUGBK-1	Additional extractable battery for using the scale 24/7 with INSTAPLUG reversible connector.

Storing Weighments

SWM	"WeiMonitor" PC program to monitor and record in real time weighs performed on the connected scale (the price is intended for the license to manage one scale).
USBCTPW-2	USB port kit installed on the pallet truck scale column, complete of USB key for PC.
USBK	Set of 5 USB keys for recording the weighs.

Communication Interfaces

ALMEM-1	Alibi memory (fiscal memory, max 120.000 weighs) for approved weight transmission to PC/PLC or data recording on MMC/USB. Built-in real time clock to print the date/time with PCB, screw terminal, plastic box and UL-marked labels. If applicable, it requires FW 05.00.02 or higher. Not compatible with weight repeaters.
RF2G4	Built-in 2.4 GHz radiofrequency module. Max. functioning distance in appropriate environmental and installation conditions: 45m indoors, 140m outdoors. Up to 39 configurable channels. (RF2G4 must be combined with another radio module).
BLTH-3	RS232/Bluetooth Classic 3.0 conversion card complete with AMP cable and integrated antenna.
WIFITPWLK-2	Built-in WI-FI interface. For wireless connection (through access point) to the company computer system.
OBRF2G4-USB	External 2.4 GHz radio frequency module, USB cable l=1m. Power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 45 m indoors, 140 outdoors. 39 configurable channels.

Optional steering wheels (only when ordering)

TPWRAS	Set of antistatic polyurethane steering wheels. Compatible with both wide and standard forks. Please note: when combined with wide forks, the guide wheels do not allow the TPWFRE-1 parking brake to be fitted.
RTV2	Set of vulkollan steering wheels (nonstainable). Compatible with both wide and standard forks. Please note: when combined with wide forks, the guide wheels do not allow the TPWFRE-1 parking brake to be fitted.
TPWRNY	Set of nylon steering wheels. Compatible with both wide and standard forks. Please note: when combined with wide forks, the guide wheels do not allow the TPWFRE-1 parking brake to be fitted.

Digital Input / Output

DFIO-1	Built-in 2 IN / 6 OUT interface (requires FW 05.05.00 or higher).

Keyboard Protection Cover

CVRXP	Kit of 10 moulded protective covers in transparent plastic. For indicator DFWXP or 3590EXP with ABS case.

Expendable Materials

Part #	Description
LNLESS	72 rolls of Linerless thermal sticker paper 20m long, 56,5mm wide. 48,5mm outer diameter. 12mm diameter central hole.
RPT57C	50 thermal paper rolls 30m long, 57mm wide. 12mm hole. 51mm external diameter.
RPT57AC	50 adhesive thermal paper rolls 15m long, 57mm wide. 18mm hole. 50mm external diameter.

Other Options

TECMAN	Printed technical manual (Free download from the website).
UMAN	Printed user manual (Free download from the website).

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