TPW Touch Pallet Truck Scale with Touchscreen Interface

As of: Thursday, January 15, 2026



Standard Features

High-end pallet truck scale, with color touch screen weight indicator and a wide selection of interfaces and software for advanced data management. Ideal for integrating the weighing into the company's IT system. Available in approved version for legal-for-trade use. 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
- Precision (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.

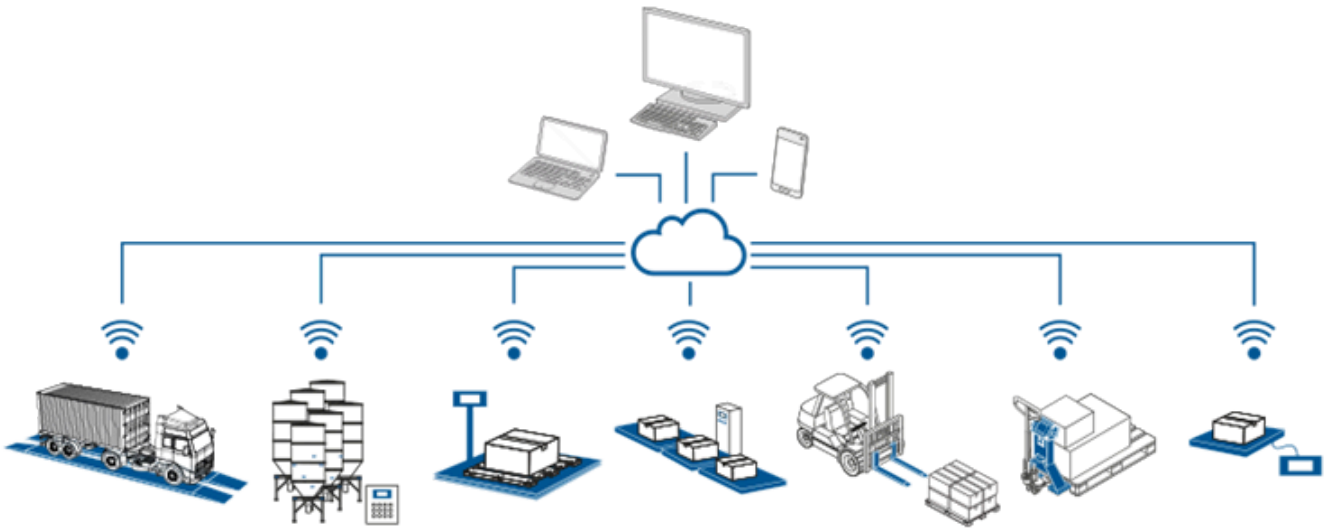
WHY CHOOSE TPW TOUCH DINI ARGEO

- This is the professional pallet truck scale equipped with a touch screen indicator, specifically for managing and communicating data with the main computer systems.
- Suitable for formulation applications, piece counting, totalisation, storage, bar code reading, printing, etc.
- With standard printer to guarantee the traceability of the weighing operations. Completely customizable printouts.
- Available in approved version for legal-for-trade use.
- It can be integrated with Wi-Fi, barcode scanner and Bluetooth.
- Built with 4 approved Dini Argeo load cells, in IP68 stainless steel, approved.
- Programmable automatic shutdown that extends the working autonomy, with battery level indication.
- Rechargeable extractable battery with "Instaplug" technology, quick connection, anti-reverse, and autonomy of up to 10h, with auto-off and energy-saving functions activated.*
- Each pallet truck is tested and supplied with its own certificate to guarantee the declared precision.

(*) Please note: working autonomy may be reduced depending on the number of prints per day and the accessories selected. For applications with a WiFi module, we recommend purchasing the optional second battery code INSTAPLUGBK.

COMMUNICATION

TPW TOUCH is the professional weighing pallet truck specifically designed for database management, data processing and advanced communication with the main computer systems. It can also be integrated with Wi-Fi, barcode scanner and Bluetooth.



Thanks to the programmable touch screen display, you can create custom-made interfaces for any application.

PROTECTIVE PACKAGING

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

TPW Touch Pallet Truck Scale with Touchscreen Interface Specifications

Technical Features

- Lowered profile forks, only 85 mm.
- Fork dimensions 1150 x 550 x 85 mm (wide fork version on request).
- Lifting height 200 mm.
- Weight approximately 116 kg (without packaging).
- Structure in extra-thick steel and oven-fire painted mechanics.
- **Set swivel head** , adjustable +/-160°.
- Protection rating IP65 (except printer area).
- Steering wheels and loading rollers with polyurethane coating.
- Quick-lift hydraulic pump allowing controlled lowering of the forks.
- Battery charger 230Vac 50Hz with EU plug included as standard (charging time approx. 8 hours). Optional UK, AU, US plugs.
- 2 bi-directional RS232/C ports for radio module, PC or remote terminal connection. Wide range of interfaces available.
- **Calendar Clock and Alibi Memory as standard.**.
- **Printer as standard** with dedicated RS232/C bidirectional port.
- Operating temperature: -10° / +40 °C

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

The Easiest One 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.

Standard version "AF01" for Totalization and Dosage, in loading/unloading, formulation; functioning as a PC terminal (data entry communication protocol); archive of 1000 articles; 200 customers/suppliers, 300 tares, 4 independent total levels that can be displayed and printed, bar code reading for article selection 15 configurable and printable ID texts (example: Code, lot ID, operator ID, shift number, etc.), A.C.W. (Automatic Calibration Warning) configurable automatic warning for periodical calibration check. Customizable printouts.

Applications

Thanks to the integrated development area, it is possible to create autonomously fully customized applications:

- guided procedures, messaging for the operator
- management of serial ports, customization of communication protocols
- complete management of digital I/O
- sequential or simultaneous automations
- data entry, customized archives

Dini Argeo also offers the service of development of customized programs, by estimate.

Available Versions

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

Parts

Part #	Description
Available Versions	
TPWTS-2	Pallet truck scale Max=2.000 kg, d=0,2 kg. Touch screen weight indicator. Standard thermal printer.
TPWTSM-2	Approved pallet truck scale with 1000/2000 kg dual range capacity, 0,5/1 kg division. Touch screen weight indicator. Fitted with thermal 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 Fork Covers	
TPWXFI	Stainless steel fork covers. To be combined with TPW pallet trucks, not sold individually.
Available Firmwares	
AF02	Software for piece/quantity counting.
AF05	Software for price computing and industrial labelling.
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).
USBTPWET	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.
Configuration and customization services	
PRNSERV	Custom-made ticket (up to 4 layouts). NET price.
APRNSERV	Custom-made label (up to 4 layouts). NET price.
Display Customization	
GTMEM	10 memories set for display customization with logos and images.
Communication Interfaces	
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).
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 driving wheels	
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.
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.
Keyboard Protection Cover	
CVRXP	Kit of 10 moulded protective covers in transparent plastic. For indicator DFWXP or 3590EXP with ABS case.
Expendable Materials	
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.
Connection Cables	
RSCBUSB-1	USB PC/RS232 converter cable, l=1,5m. USB/RJ11 connector.

Part #	Description
Other Options	
TECMAN	Printed technical manual (Free download from the website).
UMAN	Printed user manual (Free download from the website).
ECEMDOC	Printed EU declaration of conformity, EU certificate of verification, test certificate and metrological book (free download from our website, only for approved CE-M products). NET €.

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