

TPWI Pro AISI 304 Stainless Steel Pallet Truck Scale



Standard Features

AISI 304 stainless steel pallet truck scale, suitable for use in moderately wet environments. Also available in a legal for trade approved version. Manufactured, calibrated and adjusted in Italy by Dini Argeo, using certified sample weights.

WEIGHING FEATURES

- Maximum lifting capacity: 2.000 kg; special capacities on request, up to 3.000 kg.
- Resolution:
 - > internal use: 0,2 / 0,5 kg
 - > approved: 0,5 / 1 kg
- Accuracy (weighing of goods on Europallet with distributed load):
 - > internal use: +/- 1 kg
 - > approved: according to CE certification (Directive 2014/31/EU)
- Calibration and Set-Up parameters configurable from keyboard or PC.

WHY CHOOSE TPWI-PRO

- AISI 304 thick stainless steel structure, manufactured entirely in Italy.
- Lifting pump manufactured in Italy, available on request for lifting up to 3.000 kg.
- Weight indicator with IP65 stainless steel waterproof case, easy to clean and resistant to harsh and corrosive environments.
- The large, high-contrast LCD display allows viewing even in low light conditions.
- Available in legal for trade approved version.
- The optional printer, with IP65 enclosure, can print out weighing data.
- Each pallet truck is tested and supplied with a calibration certificate to guarantee the stated accuracy.
- Special non-standard dimensions available on request.

TPWI Pro AISI 304 Stainless Steel Pallet Truck Scale Specification

Technical Features

- Forks with low profile, only 85 mm.
- Forks dimensions: 1180 x 550 x 85 mm.
- Lifting range: from 85 to 205 mm.
- Pallet truck weight: 135 kg approx.
- Built with 4 Dini Argeo load cells, in IP68 stainless steel, for high weighing performance (IP69K on request).
- Bearing structure entirely made of extra thick AISI 304 stainless steel.
- Forks in AISI 304 stainless steel.
- Closed fork covers for increased protection of the double load wheels.
- Nylon guide wheels, polyurethane-coated for smooth running. 200 mm diameter ensures optimum smoothness and manoeuvrability
- Nylon loading rollers, polyurethane-coated.
- AISI 304 stainless steel lifting pump allowing controlled lowering of the forks.
- 25 mm LCD display.
- Membrane waterproof keyboard with 17 numeric/functional keys.
- Built-in rechargeable battery, with autonomy of approximately 50 hours.
- Battery charger 230Vac 50Hz with EU, UK, US, AU plug as standard (charging time aprox. 8 hours).
- Bi-directional RS232/C port configurable for printer connection.
- Bi-directional RS232/C port configurable for PC, radio modem or handheld terminal.
- Operating temperature: -10° / +40° C

Other Versions Available

- 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.

Tailored Sizes for Every Need

- TPWI-PRO can be manufactured with special fork dimensions:
 - Lengths from 800 up to 2200 mm (up to 1800 mm in approved version)
 - Widths from 400 up to 900 mm (up to 680 mm in approved version)

The Easiest One to Recalibrate and Repair

- The only one without junction box: the adjustment of every single cell is conveniently carried out from the keyboard.
- Spare parts and wearing parts always available and ready for delivery.
- Specialized service centers throughout Italy.

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
 - Hold
 - 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)
<u>TPWI-PRO</u>	1000 / 2000	0,2 / 0,5	--
<u>TPWIM-PRO</u> 	1000 / 2000	--	0,5 / 1

Parts

Part #	Description
{#Available Versions}	
TPWI-PRO	Stainless steel pallet truck scale with 1.000/2.000 kg double range capacity, 0,2/0,5 kg division.
TPWIM-PRO	Legal for trade approved stainless steel pallet truck scale with 1.000/2.000 kg dual range capacity, 0,5/1 kg division.

Options

Part #	Description
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{#Special calibrations}

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.

{#Calibration service (ACCREDIA/DAKKS) only at time of 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.
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{#Parking Brake}

TPWIBRK	Stainless steel parking brake system with command pedal mounted on steering wheels. For TPWI-PRO series pallet truck scales.
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{#Stainless steel kit for orientable head}

TPWISWH-1	Stainless steel kit for orientable head, for TPWI (only available at time of order).
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{#Printers / Labelers}

TPRXTP	IP65 stainless steel thermal printer, with ABS door. For mounting on the pallet truck column.
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{#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).
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{#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).
OBRF2G4	External 2.4 GHz radio module, cable l=3m. ABS IP65 protecting box, 3 m cable, power supply from weight indicator. Max. distance, in appropriate environmental and installation conditions: 45 m indoors, 140m outdoors. 39 configurable channels.
WIFITPWLK-2	Built-in WI-FI interface. For wireless connection (through access point) to the company computer system.
BLTH-3	Internal Bluetooth 3.0 interface, for wireless connections from the scale to tablets, smartphones and laptop PCs (compatible with Windows Vista, 7, 8 and 10).
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.

{#Date & Time option}

Part #	Description
DFCLK	Real time clock for printing/displaying of date and time. With UL marked PCB, screw terminal, plastic box and labels (if applicable).
{#Digital Input / Output}	
DFIO-1	Built-in 2 IN / 6 OUT interface (requires FW 05.05.00 or higher).
{#Accessories for cleaning}	
SSCLEANER	Detergent for cleaning and polishing stainless steel surfaces. Pack of 1l.
{#Other options}	
TECSUP	Technical assistance by telephone upon request.
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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