

TPWI-PRO series "EX" 2GD PALLET TRUCK SCALE IN STAINLESS STEEL ZONE 1/21 & 2/22



Standard Features

AISI 304 stainless steel pallet truck scale for use in ATEX hazardous areas 1 & 21 & 2 & 22, with Ex II 2G IIB T4 Gb X and Ex II 2D IIIC T197°C Db X protection modes. Available in approved version for legal-for-trade use. Manufactured, calibrated and adjusted in Italy by Dini Argeo, using certified sample masses.

MAIN 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.

WHY CHOOSE TPWI-PRO serie EX 2GD

- Pallet truck scale with thick stainless steel structure, entirely manufactured in Italy.
- Lifting pump manufactured entirely in Italy, available on request for lifting up to 3,000 kg.
- Made with ATEX certified Dini Argeo components.
- Weight indicator with waterproof casing in IP65 STAINLESS STEEL, easy to clean and resistant in harsh and corrosive environments.
- The large 25mm LCD display allows viewing even in low light conditions.
- Available in approved version for legal-for-trade use.
- Extractable battery, rechargeable in safe area, connectable and disconnectable to the weighing system even in hazardous area.
- Autonomy of 150 hours approximately, or 24/7 with optional second rechargeable battery.
- Fitted with 4 Dini Argeo Atex certified IP68 stainless steel load cells.
- Each pallet truck is tested and supplied with calibration certificate to guarantee the declared accuracy.
- Special non-standard dimensions available on estimate.

TPWI EX 2GD Pallet Truck Scale in Stainless Steel Zone 1/21 & 2/22 Specification

Technical Features

- Low-profile forks, only 85 mm.
- Fork dimensions 1150 x 550 x 85 mm.
- Lifting range: from 85 to 205 mm.
- Pallet truck weight: 135 kg approx.
- Supporting structure made entirely of extra-thick AISI 304 stainless steel.
- Forks in AISI 304 stainless steel.
- Closed fork covers for increased protection of the double load wheels.
- Antistatic guide wheels, with polyurethane coating for smooth running. 200 mm diameter ensures optimum smoothness and manoeuvrability.
- Antistatic loading rollers.
- Lifting pump in AISI 304 stainless steel allowing controlled lowering of the forks.
- Waterproof membrane keyboard, with 17 numeric/functional keys.
- Dini Argeo electronics, ATEX certified, intrinsically safe.
- Standard 110/230Vac 50Hz battery charger with EU, UK, US and AU plugs (recharge time 8 hours).
- Temperature range: -10° / +40° C

The Easiest One to Recalibrate and Repair

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

Tailored sizes for every need

- TPWI-PRO "EX" 2GD 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)

Other Available Versions

- Other capacities / special resolutions: upon request.
- Other special versions: upon request.

Main Functions

- Zeroing, Tare
- High resolution display x 10.
- Net/Gross or lb/kg conversion.
- Weights totalisation.
- Formulation.
Discover the other functions, download the manual.

Available versions

Code	Max (kg)	d (kg)	M (kg)
<u>TPWI-PRO-EX2GD</u>	1000 / 2000	0,2 / 0,5	--
<u>TPWIM-PRO-EX2GD</u> M	1000 / 2000	--	0,5 / 1

Parts

Part #	Description
{#Available Versions}	
TPWI-PRO-EX2GD	ATEX pallet truck scale (zone 1/21 & 2/22) with stainless steel structure, 1000/2000 kg double range capacity, 0,2/0,5 kg division. Multifunction weight indicator with stainless steel IP68 case, 17-key keypad and LCD display. Ex II 2G IIB T4 Gb X and Ex II 2D IIIC T197°C Db X protection. Fitted with manuals and conformity declaration (available in IT, EN, FR, DE).
TPWIM-PRO-EX2GD	Approved ATEX pallet truck scale (zone 1/21 & 2/22) stainless steel structure, with 1000/2000 kg dual range capacity, 0,5/1 kg division. Multifunction weight indicator with stainless steel IP68 case, 17-key keypad and LCD display. Ex II 2G IIB T4 Gb X and Ex II 2D IIIC T197°C Db X protection. Fitted with manuals and conformity declaration (available in IT, EN, FR, DE).

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.
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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
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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
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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.
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{#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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{#Extractable additional battery}

DFWBP76ATEXD	Rechargeable ATEX battery, for 1 & 21 zones. If used with DFWATEX weight indicator this battery needs the BTCB2GD optional cable.
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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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{#Accessories for cleaning}

SSCLEANER	Detergent for cleaning and polishing stainless steel surfaces. Pack of 1l.
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{#Other options}

TECSUP	Technical assistance by telephone upon request.
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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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