



TPWI-PRO SERIES "EX" HANDLING EXPLOSIVE MATERIALS?

NON-SPARKING PRECISION

ELIMINATE IGNITION RISK
Specify The Safest Solution

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ZONE 1/21 & 2/22 CERTIFIED
Ultimate Safety in Hazardous Areas

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

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.

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 MODEL TO RECALIBRATE AND REPAIR

- The only pallet truck scale 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.



Backlit display
 Hintergrundbeleuchtetes Display
 Afficheur retroeclairé
 Pantalla gráfica retroiluminada
 Display retroilluminato

Multifunction indicator
 Multifunktionaler Wäge-Indikator
 Indicateur multifonction
 Visor de peso multifunción
 Indicatore multifunzione

Waterproof Keyboard
 Wasserdichte Tastatur
 Clavier étanche
 Teclado impermeable
 Tastiera impermeabile

Extractable battery
 Austauschbare Batterie
 Batterie amovible
 Bateria extraible
 Batteria estraibile

Swivelling Head (OPTIONAL)
 Drehbarer Kopf
 Tete pivotante
 Cabeza giratoria
 Testa girevole

STAINLESS STEEL lifting pump
 Hydraulikpumpe aus Edelstahl
 Pompe en acier INOX
 Bomba en acero inoxidable
 Pompa in acciaio INOX

Forks l = 1150 mm, l = 550 mm, h = 85 mm
 Gabeln l = 1150 mm, l = 550 mm, h = 85 mm
 Fourches l = 1150 mm, l = 550 mm, h = 85 mm
 Horquillas l = 1150 mm, l = 550 mm, h = 85 mm
 Forche l = 1150 mm, l = 550 mm, h = 85 mm

Antistatic wheels
 Antistatische Führungsräder
 Roues antistatiques
 Ruedas antiestáticas
 Ruote antistatiche

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.

OTHER AVAILABLE VERSIONS

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

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)

AVAILABLE MODELS	Max Capacity (kg)	Resolution	Resolution (Trade)
TPWI-PRO-EX2GD	1000 / 2000	0.2 / 0.5	-
TPWIM-PRO-EX2GD	1000 / 2000	-	0.5 / 1