

TPWEX3GD

TPW EX 3GD ATEX PALLET TRUCK SCALE ZONE 2/22



ATEX pallet truck scale for use in areas classified as hazardous (ZONE 2 and 22) with type of protection in accordance with Ex II 3G IIC T6 Gc X and Ex II 3D IIIC T115C° Dc X. Available in approved version for legal-for-trade use. Manufactured, calibrated and adjusted in Italy by Dini Argeo, using certified sample masses.

Working in cooperation with:

E H OAKLEY LIMITED

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**The best solution
for advanced industrial
applications**

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)
- Calibration and Set-Up parameters configurable from keyboard or PC.

WHY CHOOSE DINI ARGEO TPW EX 3GD

- Pallet truck scale made with ATEX certified components, suitable for use in hazardous areas (zone 2 and 22).
- Thanks to the resolution up to 100 g, it can weigh with the highest accuracy.
- Available in approved version for legal-for-trade use.
- Built with 4 ATEX-certified Dini Argeo load cells in IP68 stainless steel.
- Fitted with wireless connection for communication to the safe area.
- Extractable battery, rechargeable in safe area, connectable and disconnectable to the weighing system also in hazardous area.
- Autonomy of about 100 hours, or 24/7 with optional second rechargeable battery.
- Weight indicator with waterproof casing in IP68 stainless steel, easy to clean and resistant in harsh and corrosive environments.
- The large backlit 25 mm LCD display makes it easier to read even in low light conditions.
- Each pallet truck is tested and supplied with a calibration certificate to guarantee the declared accuracy.

TECHNICAL FEATURES

- Forks with low profile, only 85 mm.
- Forks dimensions 1150 x 550 x 85 mm.
- Lifting height 200 mm.
- Weight approx. 125 kg.
- Bearing structure in extra-thick steel, oven-fire painted.
- Optional stainless steel forks.
- Standard swivelling head +/-160°.
- Steering wheels and loading rollers with polyurethane coating.
- Membrane waterproof keyboard with 17 numeric/functional keys.
- Battery charger 230Vac 50Hz with EU, US, UK, AU plug as standard (charging time 12 hours) for charging in safe area.
- Serial port for radio communication (option OBRF3GD-x), Wi-Fi (option OBWIFI3GD-x) or downloading of weights (option TPWMEM3GD-x).
- Operating temperature: -10° / +40° C

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

- High resolution display x 10
- Net/Gross
- lb/kg conversion
- Free conversion factor (for meter-counting, litre-counting systems etc)
- Weight totalisation
- Formulation
- +/- control, with quick insertion of targets and thresholds
- Percentage weighing
- Piece counter
- Set Point Control (with optional interface)

AVAILABLE UPON PRICE ESTIMATE

- 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



WARNING

For direct weighing of light metals such as aluminum, magnesium, titanium and their alloys, the use of optional STAINLESS STEEL fork covers is necessary.

TPW pallet truck scales are made to last over time.

Watch our [tutorial videos](#) to keep your pallet truck in top performance:

VERSIONS

| Available versions | | | | |
|---------------------|-------------|--------|---------------|-----------|
| Codice | Max (kg) | d (kg) | M (kg) | d HR (kg) |
| TPWX3GD-2 | 2000 | 0,2 | -- | 0,1 |
| TPWX3GDM-1 M | 1000 / 2000 | -- | 0,5 / 1 | |



www.diniargeo.com

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SALES AND TECHNICAL ASSISTANCE SERVICE

All the specifications and images can be subject to variations and upgrades without prior notice.