

TPWEX2GD

TPW EX 2GD ATEX PALLET TRUCK SCALE ZONES 1/21 & 2/22



ATEX pallet truck scale for use in hazardous areas (ZONES 1 & 21 & 2 & 22) with Ex II 2G IIB T4 Gb X and Ex II 2D IIIC T197°C Db X protection. Also available in a version approved for legal-for-trade use. Manufactured, calibrated and adjusted in Italy by Dini Argeo, using certified sample weights.

**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.

WHY CHOOSE TPW EX 2GD DINI ARGEO

- Pallet truck scale made with ATEX certified components, suitable for use in hazardous areas (zones 1 and 21 & 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.
- Removable battery, rechargeable in safe area, connectable and disconnectable to the weighing system even in hazardous area.
- Autonomy of about 150 hours, or 24/7 with optional second rechargeable battery.
- Built with 4 Dini Argeo load cells, Atex certified, in IP68 stainless steel.
- Weight indicator with waterproof casing in IP68 stainless steel, easy to clean and resistant in harsh and corrosive environments.
- The large 25 mm LCD display makes it easier to read even in low light conditions.
- Each pallet truck is tested and supplied with 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 double loading wheels with polyurethane coating.
- Quick-lift hydraulic pump allowing controlled lowering of the forks.
- Membrane waterproof keyboard, with 17 numeric/functional keys.
- Dini Argeo electronics, ATEX certified, intrinsically safe.
- 230Vac 50Hz battery charger with EU, US, UK, AU plugs as standard (charging time 18 hours) for charging in a safe area.
- Temperature range: -10° / +40° C

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.

MAIN FUNCTIONS

- Zeroing, Tare
- High Resolution Weighing x 10
- Net/Gross or lb/kg conversion
- Weighs accumulation
- Formulation

Discover the other functions, download the manual.

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



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)
TPWX2GD20-2	2000	0,2	--	0,1
TPWX2GD20M-1 M	1000 / 2000	--	0,5 / 1	

(*) The HR division is obtainable only with the relative EHR option



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INSTRUMENTS Ltd
China

DINI ARGEO
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SALES AND TECHNICAL ASSISTANCE SERVICE