

STL-H/TPWX3GD

EX serie ATEX 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.

**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 STL-H/TPWX3GD

- 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 8 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)

VERSIONS

Available versions

Codice	Max (kg)	d (kg)	M (kg)	d HR (kg)
STL-H/TPWX3GD-1	2000	0,2	--	0,1
STL-H/TPWX3GDM M	1000 / 2000	--	0,5 / 1	



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INSTRUMENTS Ltd
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DINI ARGEO
OCEANIA
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SALES AND TECHNICAL ASSISTANCE SERVICE