

TPW EX 2GD ATEX Pallet Truck Scale Zones 1/21 & 2/22



Standard Features

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.

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.

TPW EX 2GD ATEX Pallet Truck Scale Zones 1/21 & 2/22 Specifications

Technical Features	Other Versions Available	Main Functions:
• 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	• 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 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.	• Zeroing, Tare • High Resolution Weighing x 10 • Net/Gross or lb/kg conversion • Weighs accumulation • Formulation Discover the other functions, download the manual.

Available Versions

Code	Max (kg)	d (kg)	M (kg)	d HR (kg)
<u>TPWX2GD20-2</u>	2000	0,2	--	0,1
<u>TPWX2GD20M-1</u> 	1000 / 2000	--	0,5 / 1	

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

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.

Parts

Part #	Description
{#Available Versions}	
TPWX2GD20-3	ATEX pallet truck scale (zone 1/21 & 2/22) with 2000 kg capacity, 0,2 kg division, painted steel structure. Multifunction weight indicator with IP68 stainless steel 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 manual and conformity declaration (available in IT, EN, FR, DE).
TPWX2GD20M-2	Approved ATEX pallet truck scale (zone 1/21 & 2/22) with 1000/2000 kg dual range capacity, 0,5/1 kg division and painted steel structure. 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, D

Options

Part #	Description
{#Special calibrations}	
FS600M	Single range capacity option of 600 kg for CE-M approved pallet truck scales, with resolution of 0,2 kg and CE approved accuracy, in accordance with Directive 2014/31/EU.
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/E
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
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
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.
TPWHRES	High resolution version for pallet truck scale, d = 0,1 kg.
{#Calibration service (ACCREDIA/DAKKS) only at time of order}	
CT6	ISO 17025 calibration certificate from 301 to 1500 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and s by e-mail.
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) a sent by e-mail.
{#Special sizes}	
TPWWFEX-2	Version with wide forks (680 mm), for ATEX pallet truck scales. Note: In the case of brake combination, choose option TPWFRE-1.
{#Parking brake}	
TPWFRE	Parking brake system with command pedal mounted on steering wheels.
TPWFRE-1	Parking brake system with command pedal for wide fork version (TPWWF-x) and TPWN serie, mounted on steering wheels. Please note: This brake is not compatible with the access wheels for this product.
{#Stainless steel fork covers}	
TPWXFI	Stainless steel fork covers. To be combined with TPW pallet trucks, not sold individually.
{#Extractable additional battery}	
DFWBP76ATEXD	Rechargeable ATEX battery, for 1 & 21 zones. If used with DFWATEX weight indicator this battery needs the BTCB2GD optional cable.
{#Optional steering wheels (only when ordering)}	
TPWRAS	Set of antistatic polyurethane steering wheels. Compatible with both wide and standard forks. Please note: when combined with wide forks, the guide wheels do not allow the TPWFRE-1 parking brake to be fitted.
TPWRNY	Set of nylon steering wheels. Compatible with both wide and standard forks. Please note: when combined with wide forks, the guide wheels do not allow the TPWFRE-1 parking brake to be fitted.
{#Other options}	
TECSUP	Technical assistance by telephone upon request.