

TPWI HYGIENX® Stainless Steel Pallet Truck Scale



*As of: Wednesday, August
27, 2025*



Standard Features

High-end pallet truck designed for the food, chemical and pharmaceutical industries and for wet working environments where high standards of hygiene are required. Made entirely of stainless steel, TPWI HYGIENX is designed to be fully sanitised throughout using high-pressure water jets. Manufactured and calibrated in Italy by Dini Argeo using certified sample weights.

Weighing Features

- Maximum lifting capacity: 2.000 kg (higher capacities available on request, up to 3000 kg; request feasibility study depending on the environment and mode of use)
- Resolution:
 - internal use: 0,2 / 0,5 kg

- approved: 0,5 / 1 kg
- Accuracy (weighing of goods on Euro pallets with a 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 TPWN DINI ARGEO

- Resistant to washing with high-pressure hot water jets.
- Non-toxic hydraulic oil suitable for the food industry.
- Built as standard with **4 IP69K-certified**, stainless steel Dini Argeo load cells for high weighing performance.
- Built-in rechargeable battery with long battery life of up to 100 hours.
- Weight indicator with **IP69K stainless steel** waterproof housing as standard; easy to clean and resistant in harsh and corrosive environments.
- The large, high-contrast 25mm LCD display for viewing also in low light conditions.
- Each pallet truck is tested and supplied with its own certificate to guarantee the declared precision.

GMP-COMPLIANT PRODUCT



This product is a weighing instrument of high quality and precision, designed and manufactured for use in the food, chemical and pharmaceutical industries. It is manufactured according to **GMP (Good Manufacturing Practices) standards**, in stainless steel, with specific surface treatment and other construction features required in food, chemical and pharmaceutical environments.

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Specifications

Technical Features

- Lowered profile forks, only 85 mm.
- Fork dimensions 1180 x 550 x 85 mm.
- Removable fork covers for inspection and cleaning of the area inside the forks.
- Lifting height 200 mm.
- Weight approx. 135 kg.
- **IP68** watertight column.
- **100% AISI 304 stainless steel pallet truck.**
- Nylon steering wheels and double loading rollers with polyurethane coating.
- 200 mm diameter steering wheels.
- Lift pump made of AISI 304 stainless steel allowing controlled lowering of the forks.
- Waterproof membrane keypad with 17 numeric/functional keys.
- 230Vac 50Hz battery charger with EU plug as standard.
- Battery charging socket with double protection against water and humidity.
- Configurable RS232/C bidirectional port for PC, radio module, WIFI or handheld terminal
- Working temperature: -10° / +40°

Other Available Versions:

- 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

The Easiest One 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.

Upon Request

- Special fork dimensions
- Special capacities/resolutions
- AISI 316 stainless steel structure
- Parking brake.

Main Functions:

- Operating modes selectable directly by the user via a dedicated key*:
 - High resolution display x 10.
 - Precision weighing with temporary recalibration using a sample weight (for internal factory use)
 - Net/gross
 - lb/kg conversion
 - Free conversion factor (for litre-metering systems, etc.)
 - Weight totalisation
 - Formulation
 - +/- control with quick target and threshold entry
 - Percentage weighing
 - Percentage dosage with programmable target
 - Piece counting
 - Hold
 - Alibi memory (optional)
- Access to user menu via a dedicated key*, for weighing filter, date and time, setpoint and user-accessible tare.

**These menu quick access keys can be inhibited by configuring a dedicated password.*

Available versions

Code	Max (kg)	d (kg)	M (kg)
<u>TPWI-HGX</u>	1.000 / 2.000	0,2 / 0,5	--
<u>TPWIM-HGX</u>	1.000 / 2.000	--	0,5 / 1

Parts

Part #	Description
{#Available Versions}	
TPWI-HGX	Stainless steel pallet truck scale, fully washable and sanitazable, with 1.000/2.000 kg double range capacity, 0,2/0,5 kg division.
TPWIM-HGX	Approved stainless steel pallet truck scale, fully washable and sanitazable, with 1.000/2.000 kg double range capacity, 0,5/1 kg division.

Options

Part #	Description
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{#Special calibrations}

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/EU.
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.

{#Calibration service (ACCREDIA/DAKKS) only at time of order}

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) and sent by e-mail.
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{#Storing Weighments}

SWM	"WeiMonitor" PC program to monitor and record in real time weighs performed on the connected scale (the price is intended for the license to manage one scale).
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{#Parking brake}

TPWIBRK	Stainless steel parking brake system with command pedal mounted on steering wheels. For TPWI-PRO series pallet truck scales.
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{#Communication Interfaces}

RF2G469K	Built-in 2.4 GHz radiofrequency module with IP69K protection rating. Maximum operating distance up to 60 m INDOOR, and up to 80 m OUTDOOR Max. Up to 38 configurable channels. (RF2G469K must be combined with another radio module).
OBRF2G4-USB	External 2.4 GHz radio frequency module, USB cable l=1m. Power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 45 m indoors, 140 outdoors. 39 configurable channels.
BLTH-3	Internal Bluetooth 3.0 interface, for wireless connections from the scale to tablets, smartphones and laptop PCs (compatible with Windows Vista, 7, 8 and 10).
ALMEM-1	Alibi memory (fiscal memory, max 120.000 weighs) for approved weight transmission to PC/PLC or data recording on MMC/USB. Built-in real time clock to print the date/time with PCB, screw terminal, plastic box and UL-marked labels. If applicable, it requires FW 05.00.02 or higher. Not compatible with weight repeaters.
WIFITD69K	Internal WiFi interface with IP69K protection. For wireless connection (via access point) to the company computer system.
RS485C	Built-in RS485 interface (mounting and cable gland excluded).

Part #	Description
{#Digital Input / Output}	
DFIO-1	Built-in 2 IN / 6 OUT interface (requires FW 05.05.00 or higher).
{#Accessories for cleaning}	
SSCLEANER	Detergent for cleaning and polishing stainless steel surfaces. Pack of 1l.
{#Other options}	
TECSUP	Technical assistance by telephone upon request.
TECMAN	Printed technical manual (Free download from the website).
UMAN	Printed user manual (Free download from the website).
ECEMDOC	Printed EU declaration of conformity, EU certificate of verification, test certificate and metrological book (free download from our website, only for approved CE-M products). NET €.
{#International power plugs}	
UK-V3	Version with UK charger.
AUS-V3	Version with AU charger.
US-V3	Version with US charger.

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