

## TPWI\_HYGIENX

TPWI HYGIENX®, THE STAINLESS STEEL PALLET TRUCK SCALE  
FULLY WASHABLE AND SANITAZABLE



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.

Working in cooperation with:

**LIBRATECH APS**

L. FRANSENSVEJ 2A - 5600 - FAABORG - DENMARK  
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[www.libratech.dk](http://www.libratech.dk)

The best solution  
for advanced industrial  
applications

## 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 TPWI HYGIENX 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.

## 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°

## 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

- 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.*

## OTHER VERSIONS AVAILABLE

- 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

## UPON REQUEST

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

## DETAIL 1



## DETAIL 2



## VERSIONS

### Available versions

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



[www.diniargeo.com](http://www.diniargeo.com)

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SALES AND TECHNICAL ASSISTANCE SERVICE