

# TPW "E-FORCE" Pallet Truck Scale with Dini Argeo Electric Traction Tiller



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## Standard Features

Innovative pallet truck scale with electric traction tiller. The TPW "E-FORCE" combines the benefits of electric pallet trucks with the precision of a Dini Argeo hand pallet truck scale. Thanks to the electric traction tiller, weighing and handling has never been so easy!

### WEIGHING FEATURES

- Maximum lifting capacity: 1,250 kg
- Resolution:
  - > internal use: 0,1 kg
  - > approved: 0,5 kg
- Accuracy (weighing of goods on Europallet with distributed load):
  - > internal use: 0,5 kg
  - > approved: according to CE certification (Directive 2014/31/EU)
- Configuration, calibration and diagnostics from keyboard or PC with DINITOOLS

## **WHY CHOOSE TPW "E-FORCE" DINI ARGEO**

- The use of the electric traction tiller guarantees greater efficiency during load handling operations.
- Vacuum servo always active during all work phases for the operator's safety.
- 100 g division for highly accurate weighing.
- Silent and compact, it helps to reduce noise emissions in the working environments.
- The lightest electric traction tiller on the market: its reduced weight guarantees operator comfort, even in manual mode.
- The ergonomic handle allows great manoeuvring precision and speed in operations.
- Thanks to the removable key, once the work operations are completed, it is possible to turn off the pallet truck engine and park it in the desired place, in total safety.
- The two electric wheels allow greater stability to the pallet truck scale, even in the rest position.
- Easy and quick to recharge, thanks to the removable battery.
- The innovative "EASY-LIFT" system lightens load lifting operations.

# TPW "E-FORCE" Pallet Truck Scale with Dini Argeo Electric Traction Tiller Specifications

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## Electric Traction Tiller Features

- OLED display with configuration keyboard.
- Working autonomy: up to 8 h, depending on use, load and slope (3 to 5 h for standard use). Unlimited autonomy with the purchase of the optional additional battery code "E-PACK".
- Power supply: through removable rechargeable lithium-ion battery (optional fast recharge in 2 h).
- Charger included, recharge time about 8 h.
- Tiller with ergonomic handle, IP54.
- Stain-resistant rubber steering wheels.
- Maximum reachable speed: 5 km/h.
- Maximum slope: 5% (with load) - 15% (without load).

## Pallet Truck Scale Features

- Fork dimensions 1150 x 550 x 85 mm.
- Fork lifting height 200 mm.
- Light and easy to handle. Weight: about 121 kg (unpackaged).
- Oven-fire painted structure in extra thick steel.
- Double loading poliurethane rollers.
- 4 stainless-steel IP68 load cells for legal-for-trade use, IP67 load cells for internal use.
- Weight indicator in IP65 STAINLESS STEEL waterproof case, easy to clean and resistant to harsh and corrosive environments
- **Large backlit 25mm LCD** display, which is clearly visible even in poor lighting conditions and 17-key

## Working Mode:

Electric mode with active traction system.

Manual mode to deactivate the electric system and works like a hand pallet truck scale.

## Other Versions Available:

Other capacities, special resolutions or special versions upon request.

## Available Functions:

High resolution display x 10.

Precision weighing with temporary recalibration by using a sample weight (for internal factory use).

Net/Gross.

Lb to Kg converter.

Free conversion factor (for meter and litre counters etc.).

Weight totalizer.

Formulizer.

+/- controller with quick target and threshold input.

Percentage weighing.

Piece counter.

Hold.

The "alibi memory" function is available in combination with the required operating mode and it is activated automatically when installing the relevant optional board.

functional waterproof keypad,  
with indication for quick access  
to main functions and  
regulations.

- Standard supply with extractable rechargeable long lasting battery, with INSTAPLUG reversible quick coupling connector. Fitted with battery charger.
- The operating time is of about 80 hours of continuous use or one month with the typical non continuous use, thanks to its auto power-saving function.
- Programmable auto power saving function. Battery level indication.
- Equipped with 230Vac 50 Hz battery charger (about 8-hour charging time).
- **Fitted with thermal printer as standard.**
- Configurable RS232/C bidirectional port for connection to a printer, with customisable print format.
- Configurable RS232/C bidirectional port for PC, radio modem or portable terminal.
- IR input for remote control management.
- **The product is fully compliant to the Machinery Directive.**
- Available in CE-M approved version.

## Available Versions

| Code                          | Max (kg) | d (kg) | M (kg) |
|-------------------------------|----------|--------|--------|
| <u>TPWE-FORCE-2</u>           | 1250     | 0,1    | --     |
| <u>TPWE-FORCEM-2</u> <b>M</b> | 1250     | --     | 0,5    |

# Parts

| Part #                | Description                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| {#Available Versions} |                                                                                                                                |
| TPWE-FORCE-2          | Pallet truck scale with electric traction tiller. Capacity 1250 kg, division 0,1 kg. Tiller battery charger included.          |
| TPWE-FORCEM-2         | Approved pallet truck scale with electric traction tiller. Capacity 1250 kg, division 0.5 kg. Tiller battery charger included. |

# Options

| Part #                                                        | Description                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| {#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 sent by e-mail.                                                                                                                   |
| {#Electric Traction Tiller: Options}                          |                                                                                                                                                                                                                                                                                                                               |
| E-PACK-1                                                      | Additional removable rechargeable battery for continuous use, or electric traction tiller, with connector for on-board charging. * If requested individually, requires quotation for special transport.                                                                                                                       |
| E-CHARGE                                                      | Quick battery charging station (2h). For bench use or wall mounting. NOTE: The pallet truck is supplied with a standard charger as standard.                                                                                                                                                                                  |
| PWCORDUKVDE                                                   | Version with BS1363 power cord (UK plug).                                                                                                                                                                                                                                                                                     |
| PWCORDAUSVDE                                                  | Version with AU power cord.                                                                                                                                                                                                                                                                                                   |
| PWCORDUSVDE                                                   | Version with US type B power cord. (Japan, North and Central America).                                                                                                                                                                                                                                                        |
| {#International power plugs}                                  |                                                                                                                                                                                                                                                                                                                               |
| UK-V3                                                         | Version with UK charger.                                                                                                                                                                                                                                                                                                      |
| AUS-V3                                                        | Version with AU charger.                                                                                                                                                                                                                                                                                                      |
| US-V3                                                         | Version with US charger.                                                                                                                                                                                                                                                                                                      |
| {#Extractable additional battery}                             |                                                                                                                                                                                                                                                                                                                               |
| INSTAPLUGBK-1                                                 | Additional extractable battery for using the scale 24/7 with INSTAPLUG reversible connector.                                                                                                                                                                                                                                  |
| {#Communication Interfaces}                                   |                                                                                                                                                                                                                                                                                                                               |
| 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. |
| WIFITPWLK-2                                                   | Built-in WI-FI interface. For wireless connection (through access point) to the company computer system.                                                                                                                                                                                                                      |
| RF2G4                                                         | Built-in 2.4 GHz radiofrequency module. Max. functioning distance in appropriate environmental and installation conditions: 45m indoors, 140m outdoors. Up to 39 configurable channels. (RF2G4 must be combined with another radio module).                                                                                   |
| 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).                                                                                                                                                                |
| 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.                                                                                  |
| CNFSERV                                                       | Custom-made printouts for DFW and DFWL series. NET price.                                                                                                                                                                                                                                                                     |
| WIFITPWLK-2                                                   | Built-in WI-FI interface. For wireless connection (through access point) to the company computer system.                                                                                                                                                                                                                      |
| {#Storing Weighments}                                         |                                                                                                                                                                                                                                                                                                                               |
| USBCTPW-2                                                     | USB port kit installed on the pallet truck scale column, complete of USB key for PC.                                                                                                                                                                                                                                          |

| Part #                         | Description                                                                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SWM</b>                     | "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).                        |
| <b>{#Expendable materials}</b> |                                                                                                                                                                                        |
| <b>RPT57C</b>                  | 50 thermal paper rolls 30m long, 57mm wide. 12mm hole. 51mm external diameter.                                                                                                         |
| <b>RPT57AC</b>                 | 50 adhesive thermal paper rolls 15m long, 57mm wide. 18mm hole. 50mm external diameter.                                                                                                |
| <b>LNLESS</b>                  | 72 rolls of Linerless thermal sticker paper 20m long, 56,5mm wide. 48,5mm outer diameter. 12mm diameter central hole.                                                                  |
| <b>{#Other options}</b>        |                                                                                                                                                                                        |
| <b>TECSUP</b>                  | Technical assistance by telephone upon request.                                                                                                                                        |
| <b>TECMAN</b>                  | Printed technical manual (Free download from the website).                                                                                                                             |
| <b>UMAN</b>                    | Printed user manual (Free download from the website).                                                                                                                                  |
| <b>ECEMDOC</b>                 | 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 €. |

**Dini Argeo S.r.l. | Via della Fisica, 20 - 41042, Spezzano di Fiorano, Modena (MO), Italy | Tel.: +39 0536 843418**

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