

# Titan TA/TP-Series

The All-Rounder for plastic strapping.



**TITAN** <sup>®</sup>  
*Wir halten zusammen*

## Titan TA-Series

### Innovative system for battery powered plastic strapping.

The new generation of the TA series leads the TITAN battery-technology to the next level.

The TA 250 and TA 450 fascinate with new functions, optimized ergonomics and additional performance improvement in battery and tensioning while easy to use.

A self-explanatory touch panel is integrated into the tool body and all functions can be actuated by pressing the buttons.

The tools can be operated in manual, semi-automatic or fully-automatic mode.

Strap tension and welding time are individually adjustable.

The rapid change of the strap guide, being part of the tool delivery, allows the use of other strap dimensions.

The lithium polymer battery has no memory effect and a life cycle up to 2000 charges.

More than 200 cycles can be achieved before recharging is necessary. Maximum charging time is 30 minutes only.

A LED panel shows the remaining battery capacity after each cycle.



#### Titan TA 250

The All-rounder for medium strap size applications with a tension capacity of up to 2.500 N.



#### Titan TA 450

The Perfectionist for stronger straps with a tension capacity of up to 5.500 N.

| Technical Data         | TA 250                                     | TA 450                                     |
|------------------------|--|--|
| Joint                  | Friction weld joint                        | Friction weld joint                        |
| Weight                 | approx. 3.9 kg / 8.6 lbs                   | approx. 4.1 kg / 9.0 lbs                   |
| Dimensions (L x W x H) | 300 x 150 x 160 mm / 11.8 x 5.9 x 6.3"     | 300 x 150 x 160 mm / 11.8 x 5.9 x 6.3"     |
| Strap tensioning       | approx. 2500 N / 560 lbf                   | approx. 5.500 N / 1.236 lbf                |
| Strap feeding speed    | 12 m/min. / 472.44"/min.                   | 16 m/min. / 629.92"/min.                   |
| Battery                | LiPo 14.8V – 3.2Ah                         | LiPo 14.8V – 3.2Ah                         |
| Strap                  | PP / PET                                   | PET  |
| Strap widths           | 12/13 up to 16 mm / 0.47/0.51" up to 0.63" | 15/16 up to 19 mm / 0.59/0.63" up to 0.75" |
| Strap thicknesses      | 0.5 – 1.05 mm / 0.02" – 0.041"             | 0.7 – 1.30 mm / 0.028 – 0.051"             |



Re-Charger incl. battery for TA 250 and TA 450



V2 Protection plate



Suspension bracket

## Titan TP-Series

### High strap tension for the pneumatic driven strapping with plastic strap.

With the new TP series we expand our product range in the field of manual plastic strapping for PET straps with ultimate loads up to 31.75 x 1.27 mm.

These PET straps must be tensioned at a high level to allow the proper exploitation of the properties of the strap. Only by the high-level

pre-tensioning of the strap during the strapping operation the PET strap permits the optimum development of its holding force.

Therefore the TP series strapping tools are equipped with high-performance pneumatic motors of up to 6.000 N tensioning.

Thanks to the unique "relief button" the operating staff can separate the strapping unit from the completed strapping with a low force being exerted.

The cooling-down time is displayed visually.



**Titan TP 500**  
The Robust with 5.000 N tensioning capacity for PET straps with 16 + 19 mm width.



**Titan TP 600**  
The High Performer with 6.000 N tension capacity for PET straps widths 25 + 32 mm.

| Technical Data             | TP 500                                  | TP 600                                 |
|----------------------------|---|--|
| Joint                      | Friction weld                           | Friction weld                          |
| Weight                     | approx. 5.1 kg / 11.2 lbs               | approx. 5.8 kg / 12.8 lbs              |
| Dimensions (L x W x H)     | 300 x 150 x 175 mm / 11.8 x 5.9 x 6.89" | 300 x 160 x 183 mm / 11.8 x 6.3 x 7.2" |
| Strap tensioning           | approx. 5.000 N                         | approx. 6.000 N                        |
| Tensioning speed           | 6 m/min. / 236.22"/min.                 | 4.2 m/min. / 165.35"/min.              |
| Air pressure               | 4.5 – 6.5 bar                           | 6.0 – 7.0 bar                          |
| <b>Plastic strap / PET</b> |   |  |
| Strap width                | 16/19 mm / 0.63/0.75"                   | 25/32 mm / 0.984/1.26"                 |
| Strap thickness            | 1.0 – 1.27 mm / 0.039 – 0.05"           | 1.0 – 1.27 mm / 0.039 – 0.05"          |

### We have the appropriate solution for your demand on plastic strapping.

| Technical Data          | PP strap                                     | PET strap  |
|-------------------------|--|--|
| Strap widths            | 9 – 16 mm / 0.354 – 0.63"                    | 9 – 32 mm / 0.354 – 1.26"  |
| Strap thicknesses       | 0.45 – 0.85 mm / 0.018 – 0.033"              | 0.60 – 1.27 mm / 0.024 – 0.05"   |
| Inner diameter of rolls | 200, 280 and 406 mm / 7.87, 11.02 and 15.98" | 406 mm / 15.98"  |
| Roll weights            | Standard (10 kg / 22.05 lbs)                 | Standard (approx. 23 kg / 50.7 lbs),<br>Jumbo (approx. 70 kg / 154 lbs),<br>Superjumbo (approx. 140 kg / 308 lbs),<br>Megajumbo (approx. 300 kg / 661 lbs) |



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