

inoxtruck

ELECTRONIC PLATFORM PALLET TRUCK

- Hygienic innovative design
- Aggressive environments resistant chassis
- Electronic steering
- 100% stainless steel with protected electronics
- AC motors

Ulma Inoxtruck electronic platform pallet truck provides an **innovative** and **hygienic** design, ideal for daily cleaning together with processing and packaging machines in clean rooms.

Our stainless steel pallet trucks ensure the best robust and hygienic features, which result in **lower maintenance cost**.

The best materials in **stainless steel** to resist the worst conditions of salinity and the incorporation of **humidity resistant electronic components** provide to our pallet trucks of a robustness and **high corrosion resistance**.



Hygienic Innovative Design

Totally opened chassis, **waterproof compartment** for lifting/driving system and the operator drives and controls with high IP protections which provide together with **continuous welding top hygienic design**. All electronic protection in a waterproof and heated compartment.

Minimum Maintenance

Waterproof sealed **stainless steel** bearing in load wheels. Electronic steering with gear pinion without chain tensor.

Ergonomic and Safety

The platform is suspended for **greater driving control**. Electronic steering with **speed reduction in curves**. Nonslip platform. Progressive adjustment of tiller angle to improve control in the travelling direction. **Cushion protected arms** for the hips. Possibility to work with platform and folded arms, limited speed. Easy pick up of the platform and folding of safety bars when needed in narrow areas. Tiller arm **lock bypass**.

Minimize the Microbiological Pollution Risk

Curved and sloped structure for a **perfect drainage** and a **fast drying**. The folds disappear and together with continuous welding the equipment is kept in perfect working order, making possible a daily cleaning.

Intensive Use Design
Possibility of side output roller to work with double battery assembly.

| Characteristics | | | | | ULMA Inoxtruck | ULMA Inoxtruck |
|------------------------|---|-------|------|--|---------------------|---------------------|
| 1.1 | Manufacturer (Abreviation) | | | | PPT20 | PPT25 |
| 1.2 | Manufacturer's model designation | | | | Battery | Battery |
| 1.3 | Power source: battery, diesel, LP gas, petrol | | | | Pedestrian/Standing | Pedestrian/Standing |
| 1.4 | Operator type: pedestrian, operator standing, seated | | | | 2000 | 2500 |
| 1.5 | Load capacity | Q | kg | | 600 | 600 |
| 1.6 | Load center distance | c | mm | | 950 | 955 |
| 1.8 | Load wheel axle to fork face | x | mm | | 1442 | 1538 |
| 1.9 | Wheelbase | y | mm | | AISI 304L | AISI 304L |
| 1.10 | Chassis | | | | AISI 304L | AISI 304L |
| 1.11 | Sheet | | | | | |
| Weight | | | | | | |
| 2.1 | Truck weight with nominal load & maximum battery weight | | kg | | 2650 | 3300 |
| 2.2 | Axle loading nominal load & maximum battery weight, drive/load side | | kg | | 940/855 | 1120/1090 |
| 2.3 | Axle loading without load & maximum battery weight, drive/load side | | kg | | 510/70 | 627/86 |
| Wheels and Drive Train | | | | | | |
| 3.1 | Tyres: P=Polyurethane, PT=Power Thane, Vul=Vulkollan, drive/load side | | | | Vul/Vul | Vul/Vul |
| 3.2 | Tyre dimensions, drive side | | | | 230 X 82 | 230 X 70 |
| 3.3 | Tyre dimensions, load side | | | | 85 X 73 | 85 X 73 |
| 3.4 | Castor wheel dimensions (diameter x width) | | | | 100 X 50 | 100 X 50 |
| 3.5 | Number of wheels, drive/load side (x=driven) | | | | 4+1x2 | 4+1x2 |
| 3.6 | Track width (center of tyres), drive side | b10 | mm | | 470 | 470 |
| 3.7 | Track width (center of tyres), load side | b11 | mm | | 360 | 360 |
| Dimensions | | | | | | |
| 4.4 | Lift height | h3 | mm | | 110 | 110 |
| 4.9 | Height of tiller arm (minimum/maximum) | h14 | mm | | 1077/1324 | 1077/1324 |
| 4.15 | Fork height, fully lowered | h13 | mm | | 85 | 85 |
| 4.19 | Overall length | l1 | mm | | 1816 | 1911 |
| 4.20 | Length to fork face (includes fork thickness) | l2 | mm | | 685 | 781 |
| 4.21 | Overall width | b1/b2 | mm | | 728 | 728 |
| 4.22 | Fork dimensions (thickness, width, length) | s/e/l | mm | | 55/170/1130 | 55/170/1130 |
| 4.25 | Outside width over forks (minimum/maximum) | b5 | mm | | 530 | 530 |
| 4.32 | Ground clearance at center of wheelbase (forks lowered) | m2 | mm | | 30 | 30 |
| 4.34a | Working aisle width (Ast) with 800 x1200 mm pallets, load lengthwise | Ast | mm | | 2185 | 2281 |
| 4.35 | Turning circle radius | Wa | mm | | 1735 | 1831 |
| Performance | | | | | | |
| 5.1 | Travel speed, with/without load | | km/h | | 9/9 | 12/12 |
| 5.2 | Lifting speed with/without load | | m/s | | 0.031/0.055 | 0.031/0.055 |
| 5.3 | Lowering speed with/without load | | m/s | | 0.025/0.022 | 0.025/0.022 |
| 5.8 | Maximum gradeability, with/without load | | % | | 9.1/15 | 9.1/15 |
| Electric Motor | | | | | | |
| 6.1 | Drive motor capacity (60 min. short duty) | | kW | | 1.55 | 1.55 |
| 6.2 | Lift motor output at 15% duty factor | | kW | | 2.2 | 2.2 |
| 6.4 | Battery voltage/capacity at 5 hour discharge | | V/Ah | | 24/300 | 24/500 |
| 6.5 | Battery weight | | kg | | 240 | 350 |
| Miscellaneous | | | | | | |
| 8.1 | Type of drive control | | | | Proportional | Proportional |

ULMA Inoxtruck's products are constantly improving. Because of this reason, some materials, options and specifications can be changed without previous notification.

Options

- Different types of material for wheels (pevopur, drawing etc.)
- Different length and width at forks available
- Stainless steel AISI 316L

