

## JOWALK

### Three Wheel Pedestrian Platform Trucks (Capacity 1000 Kg)

- AVAILABLE WITH AC DRIVE FOR OPTIMUM PERFORMANCE
- MOSFET STEPLESS SPEED CONTROLLER AND HEAVY DUTY CONTACTORS
- POLLUTION FREE AND USER FRIENDLY
- EASY AND COMFORTABLE IN OPERATION

Jost's Electric Pedestrian Platform Truck model Jowalk is a Three-Wheel Battery operated Material Handling Equipment used for carrying loads up to 1000 kg on the smooth or concrete roads. It is ideal for use in Inter-Plant Transportation, Factories, Warehouses, Defence units, Railways, Airports and large processing plants.



#### OPERATOR AREA:

Low hinged handle provides ample scope for greater maneuverability. Safety and emergency stop buttons provide maximum safety for the operator. Center-mounted steering tiller head provides good visibility and additional safety to the operator.



#### DRIVE:

Powerful 1.5 kW high-performance AC motor with high overload capacity efficiently drives a low noise two-stage compact gear unit mounted directly on to the drive wheel.



#### DRIVE CONTROL:

Microprocessor-based MOSFET controller provides smooth and stepless control of speed and acceleration. It also helps in obtaining fault diagnostic information quickly and easily. High life cycle contactors are used in the controller circuit. These contactors enhance dependability and productivity.



#### CHASSIS:

Robust steel construction and stable three-point contact design permits high residual capacities and enhances stability during turning. Chassis frame consists of a robust welded steel frame and chequered steel plate for holding the load.



#### TILLER HEAD:

Multifunction tiller head provide highest operator comfort and safety. It has ergonomically arranged operating elements to ease traveling and for horn at fingertips. It has belly button to provide additional safety in case of emergencies



#### STEERING:

Tiller control handle configuration enables effortlessly steering. Steering lock at 90° on either side. Steering can be operated only in a limited range of handle inclinations comfortable to the operator. This provides additional operational safety.



#### BRAKES:

Electromagnetic disc brake with hard wearing and asbestos-free liner provides quick braking. When the handle is close to the vertical or horizontal position, brake becomes operational with simultaneous power cut-off.



#### WHEELS:

Polyurethane wheels (Ø200 x 85mm wide) are provided on the drive wheel and solid rubber moulded tyres (Ø305 x 127mm wide) are provided on the rear axle for operating over a variety of surface conditions.



#### SPECIAL VARIATIONS (OPTIONS):

Equipment can also be provided with lift platform for lifting men and Material, for maintenance and for lifting to the desired level in warehouses, retail back-end-stores, assembly lines etc.



#### SAFETY:

Equipment has emergency power cut-off switch on chassis panel and anti-collision switch on tiller head to guard the operator against inadvertent accidents. Safety accessory like reverse buzzer can also be supplied with the equipment as an option.



#### SERVICING:

Modular service-friendly design provides easy access to all components for servicing thus saving valuable time during maintenance



#### BATTERY:

Equipment is supplied with 2 x 12V / 180Ah automotive battery as a standard for the automotive battery model. Equipment is supplied with 24V/195Ah lead acid traction battery for the traction battery model for the operations require long duration to work. Battery can be fitted on a special battery compartment with a roller bed for easy removal and insertion (only for traction battery model).



#### CHARGER:

Equipment comes with automatic charger of suitable rating as a standard.

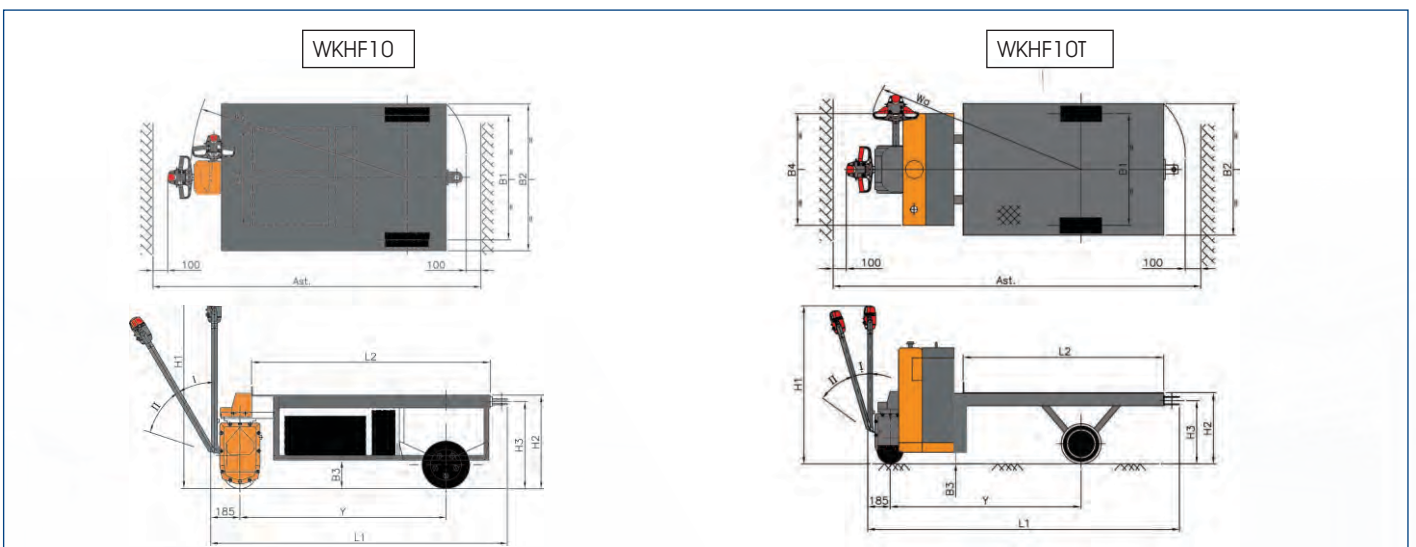
## Three Wheel Pedestrian Platform Truck

Capacity: 1000 kg.

### Performance Data

|                  | Model                                      | nos.         | WKHF10                 | WKHF10T                |
|------------------|--|--------------|------------------------|------------------------|
| Identification   | Platform                                   | type         | Fixed                  | Fixed                  |
|                  | Operation                                  | type         | Pedestrian             | Pedestrian             |
|                  | Load Capacity                              | Kg           | 1000                   | 1000                   |
|                  | Wheelbase                                  | Y = mm       | 1320                   | 1450                   |
| Weight           | Service weight incl. battery charger, apx. | Kg           | 750                    | 850                    |
|                  | Battery weight, apx.                       | Kg           | 180                    | 210                    |
| Chassis          | Tyre size, Front                           | mm           | Ø205 x 85              | Ø205 x 85              |
|                  | Tyre size, Rear                            | mm           | Ø305 x 127             | Ø305 x 127             |
|                  | Wheels, Front / Rear (x = driven wheels)   | nos.         | 1 x 2                  | 1 x 2                  |
|                  | Track width, Rear                          | B1 = mm      | 850                    | 850                    |
| Basic Dimensions | Overall height                             | H1 = mm      | 1335                   | 1335                   |
|                  | Overall length                             | L1 = mm      | 1910                   | 2350                   |
|                  | Battery compartment width                  | B4 = mm      | 600                    | 850                    |
|                  | Overall width                              | B2 = mm      | 1000                   | 1000                   |
|                  | Working aisle width                        | Ast. = mm    | 2370                   | 2700                   |
|                  | Ground clearance                           | B3 = mm      | 180 <sup>@</sup>       | 90 <sup>@</sup>        |
|                  | Turning radius                             | Wa = mm      | 1590                   | 1700                   |
|                  | Platform Size                              | L2 x B2 = mm | 1525 x 1000            | 1525 x 1000            |
|                  | Platform / Towing height <sup>#</sup>      | H2 / H3 = mm | 600 / 560 <sup>@</sup> | 540 / 500 <sup>@</sup> |
| Performance      | Travel speed : Laden (min)                 | Km / hr      | 3.7                    | 3.7                    |
|                  | Unladen (min)                              | Km / hr      | 4.5                    | 4.5                    |
|                  | Gradient performance : Laden               | Max. %       | 8                      | 8                      |
|                  | Unladen                                    | Max. %       | 16                     | 16                     |
| Power            | Service brake                              | type         | Electromagnetic        | Electromagnetic        |
|                  | Drive motor rating S2 = 60 min.            | Kw           | 1.5                    | 1.5                    |
|                  | Drive                                      | type         | AC (3Phase)            | AC (3Phase)            |
|                  | Battery                                    | type         | Automotive             | Traction               |
|                  | Battery voltage, nominal capacity          | V / Ah       | 2 x 12V / 180Ah        | 24V / 195Ah            |
| Others           | Battery Charger (single phase) (automatic) | V / A        | 24 / 15                | 24 / 20                |
|                  | Drive control                              | type         | MOSFET                 | MOSFET                 |
|                  | Sound level at drivers ear                 | db(A)        | 85                     | 85                     |

Note: 1. @ = Unladen Condition., 2. # = Towing arrangement is for towing the vehicle only.



• For any special requirements, Please contact Jost's H.O., Dimensions indicated here are subject to variations of ± 20 mm and performance ± 10%. Service weight ± 50 kg. Right to make changes and technical improvement reserved.

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Since 1907

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