

JOWALK

(Three Wheel Pedestrian Platform Truck)
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

The Jost's electric pedestrian platform truck model Jowalk is a three wheel battery operated material handling equipment used for carrying load up to 1000 kg on smooth or concrete road. It is ideal for use in inter-plant transportation, factories, warehouses, defence units, railways, airports and large processing plants.

Operator Area : The low hinged handle provide ample scope for greater maneuverability. The safety and emergency stop buttons provide maximum safety for the operator. The 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 over load capacity, efficiently drives a low noise, two stage compact gear unit mounted directly on to the drive wheel.

Drive Control : Microprocessor based MOSFET controller provide smooth and stepless control of speed and acceleration. It also helps in obtaining fault diagnostic information quickly and easily. The high life cycle contactors used in the controller circuit enhances dependability and productivity.

Chassis : Robust steel construction and the stable three point contact design permits high residual capacities and enhances stability during turning. The chassis frame consist of robust welded steel frame and chequered steel plate for better hold of the load.

Tiller Head : Multifunction tiller head with ergonomically arranged operating elements for travel and horn at finger tips provide highest operator comfort and safety. It also has a belly button that provides additional safety in case of emergencies.

Steering : The tiller control handle configuration enable effortless steering. Steering lock at 90° on either side and can be operated only in limited range of handle inclinations comfortable to operator. This provides additional operational safety.

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

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

Special Variations (options) : The truck can also be provided with lift platform for lifting men and material for maintenance and material handling application to desired level in warehouses, retail back-end-stores, assembly line etc.

Safety : The truck is equipped with 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 truck as an option.

Servicing : The modular, service friendly design provides easy access to all components for servicing, thus saving valuable time during maintenance.

Battery : The truck comes with 2 x 12V / 180Ah automotive battery as a standard for automotive battery model. The truck is supplied with 24V/195Ah lead acid traction battery for traction battery model for longer duration of operation. The battery can be fitted on a special battery compartment with roller bed for easy removal and insertion (only for traction battery model).

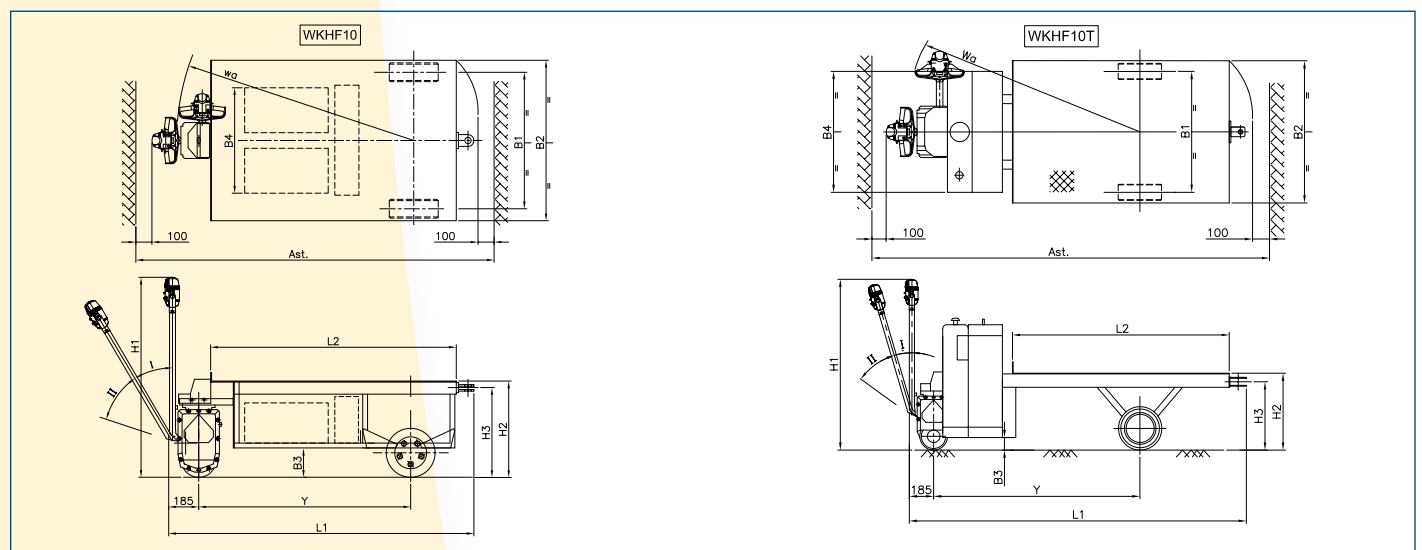
Charger : The truck comes with automatic charger of suitable rating as a standard.

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Performance Data

		PEDESTRIAN PLATFORM TRUCK		
Identification	Model	nos.	WKHF10	WKHF10T
	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 [@]	90 [@]
	Turning radius	Wa = mm	1590	1700
	Platform Size	L2 x B2 = mm	1525 x 1000	1525 x 1000
	Platform / Towing height [#]	H2 / H3 = mm	600 / 560 [@]	540 / 500 [@]
Performance	Travel speed :	Laden (min)	Km / hr	3.7
		Unladen (min)	Km / hr	4.5
	Gradient performance :	Laden	Max. %	8
		Unladen	Max. %	16
	Service brake	type	Electromagnetic	Electromagnetic
Power	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
	Battery Charger (single phase) (automatic)	V / A	24 / 15	24 / 20
Others	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.

Jost's Engineering Company Limited

C-7 Wagle Industrial Estate, Road No. 12, Thane - 400 604. Maharashtra. INDIA.
T.: +91.22.6117 4000 / 2582 1748 F.: +91.22.6117 4020 E.: infomhe@josts.in

Bengaluru : +91-80-4123 4775 / 4885 Chennai : +91.44. 2626 8536 / 2628 8407
Delhi : +91.11.4567 6000 / 14 Kolkata : +91.33.2242 9510 / 4008 1242 Pune : +91.20.2543 4350 / 90
Secunderabad : +91.40.2771 4934 / 44 / 54 Vadodara : +91.265.2351 642