



TAURUS

Stand-On Tow Truck (AC Drive)

(Capacity 2000 Kg)

- MOSFET stepless speed controller and heavy-duty contactors.
- Towing capacity up to 2000 kg.
- Pollution free and User Friendly.
- Easy and Comfortable to ride.
- Customised solutions are available.

The Jost's electric stand-on Tow Truck Taurus is a battery-operated material handling equipment used for towing load ranging from 2000 kg over long distances. It is ideal for use in factory premises, warehouses, and large plants. Josts leads the way it's tough, dependable industrial tow trucks. Josts tow trucks with AC technology provides the additional advantage of reduced maintenance, improved power utilisation and, improved battery life.



OPERATOR AREA:

The operator area is positioned with respect to ground level for the operator to step-in and step-out easily. Ergonomically positioned backrest, easy-to-reach tiller handle and optimum leg-space in the operator area provides ample scope for comfortable operation. The checkered plate provides good grip to the operator and prevents slipping during acceleration, deceleration, and turning. The Emergency stop button provides maximum safety for the operator.



DRIVE:

The powerful 1.5 kW high-performance AC motor of 1-hour rating with high towing load capacity efficiently drives a low noise, two stage compact gear unit mounted directly on the drive wheel.



DRIVE CONTROL:

The Microprocessor based MOSFET controller provides 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 control circuit enhance dependability and productivity.



CHASSIS:

Robust construction and stable five-point contact design enhance stability during turning. The rounded enclosed contours permit safe maneuvering in confined spaces. The battery holding the compartment in the chassis is provided with a suitable roller bed for easy removal of the battery.



WHEELS:

All wheels (Drive wheels $\varnothing 200 \times 85$, Load wheels $\varnothing 200 \times 85$, Support castor wheels $\varnothing 150 \times 50$) are made up of polyurethane material as standard. These enable noiseless smooth ride over a variety of surfaces and cause less damage to the expensive flooring. These also have a better ability to withstand impact loads while rolling over bumps on the surfaces.



TILLER HEAD:

Multifunction tiller head with ergonomically arranged operating elements for travel lift, lower and horn at fingertips provide the highest operator comfort and safety. It also has an instant reverse button, accessible to thumb for instant reversal of vehicles in case of extreme emergencies.



STEERING:

The tiller control handle configuration, enables easy steering without much effort in its class. Steering lock at 90° on either side and can be operated only in a limited range of handle inclinations, comfortable to operator. This provides additional operational safety.



BRAKE:

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



SAFETY:

The truck is equipped with safety features like BDI (Battery Discharge Indicator), Emergency power cut-off switch and Anti-collision switch for enhanced safety. The toe guard at the rear, guards the operator against inadvertent accidents.



SERVICING:

The modular service-friendly design with easily removable front cover provides easy access to all components for servicing thus saving valuable time during maintenance.



BATTERY:

The traction battery of 24V / 195Ah capacity is supplied as standard. For longer work cycles and heavy-duty applications, higher capacity traction batteries can be supplied as an option on request, depending on usages.



CHARGER:

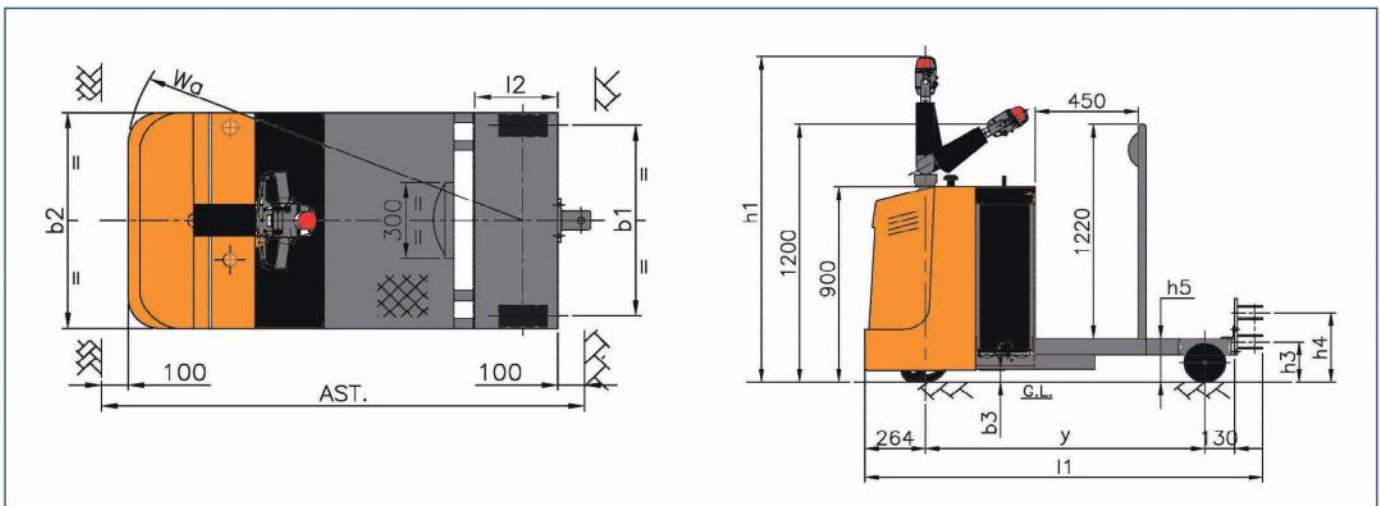
24V / 20Amp (single-phase) charger is supplied as standard.

(AC Stand-On Tow Truck) Capacity 2000 kg.

Performance Data

			Stand-on Tow Truck	
Identification	Model		Taurus (JEZ - 20)	
	Operation	type	Stand-on	
	Towing capacity	Kg	2000	
	Wheelbase	y = mm	1220	
Weight	Service weight incl. battery (approx)	Kg	743	
	Battery weight (approx)	Kg	210	
Chassis	Tyres	Type	Polyurethane	
	Drive Wheel, Front	mm	Ø200 x 85	
	Support Wheels, Front	mm	Ø150 x 50	
	Load Wheels, Rear	mm	Ø200 x 85	
	Wheels, number Front / Rear (x = driven wheels)	nos.	1x+2/2	
	Track width, rear	b1 = mm	750	
Basic Dimensions	Overall height	h1 = mm	1540	
	Overall length	l1 = mm	1740	
	Overall width	b2 = mm	850	
	Ground clearance	b3 = mm	55	
	Turning radius	Wa = mm	1550	
	Platform Size	l2 x b2=mm	400 x 850	
	Platform Height	h5 = mm	230	
	Towing Height	h3 / h4 = mm	185 / 320	
Performance	Travel speed :	Laden	km / h	4.5
		Unladen	km / h	5.0
	Gradient performance :	Laden	Max %	7
		Unladen	Max %	12
	Service brake	Type	Electromagnetic	
Power	Drive motor rating S2, 60 min	kw	1.5	
	Drive	Type	3Ø AC	
	Battery votage, nominal capacity	V / Ah	24 / 195	
	Charger(Singal phase- Automatic)	V / Amp	24 / 20	
Other	Drive control	Type	Stepless MOSFET	
	Sound level at drive's ear	db(A)	85	

1- * = Towing capacity includes trolley weight 2. # = Not recommended. Contact HO for de-rated capacity.



• 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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