



Since 1907



## 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. Josts tow trucks with AC technology provides the advantage of reduced maintenance, improved power utilisation, and improved battery life. It is ideal for use in factory premises, warehouses, and large plants. Josts leads the way through its tough, and dependable industrial tow trucks.



#### OPERATOR AREA:

The operator area is positioned with respect to ground level so that operator can step-in and step-out easily. Ergonomically positioned backrest, easy-to-reach tiller handle and optimum leg-spacing in the operator area provides smooth and comfortable operation. The checkered plate provides good grip to the operator. It further prevents the operator to slip during acceleration, deceleration, and turning. The Emergency stop button provides maximum safety to the operator.



#### DRIVE:

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:

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, used in the control circuit, enhance dependability and productivity.



#### CHASSIS:

Robust construction and stable five-point contact design enhance stability during turning. Rounded enclosed contours permit safe maneuvering in the 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 a standard. These enable noiseless smooth ride over a variety of surfaces and cause less damage to the expensive flooring. These wheels can 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) provides operator comfort and safety. It also has an instant reverse button for instant reverse of vehicle in case of extreme emergencies. This reverse button is accessible to thumb



#### STEERING:

The tiller control handle configuration enables easy steering without much effort in its class. Steering lock at  $90^\circ$  on either side and it 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 and 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 save valuable time during maintenance.



#### BATTERY:

The traction battery of 24V / 195Ah capacity is supplied as a 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 a standard.

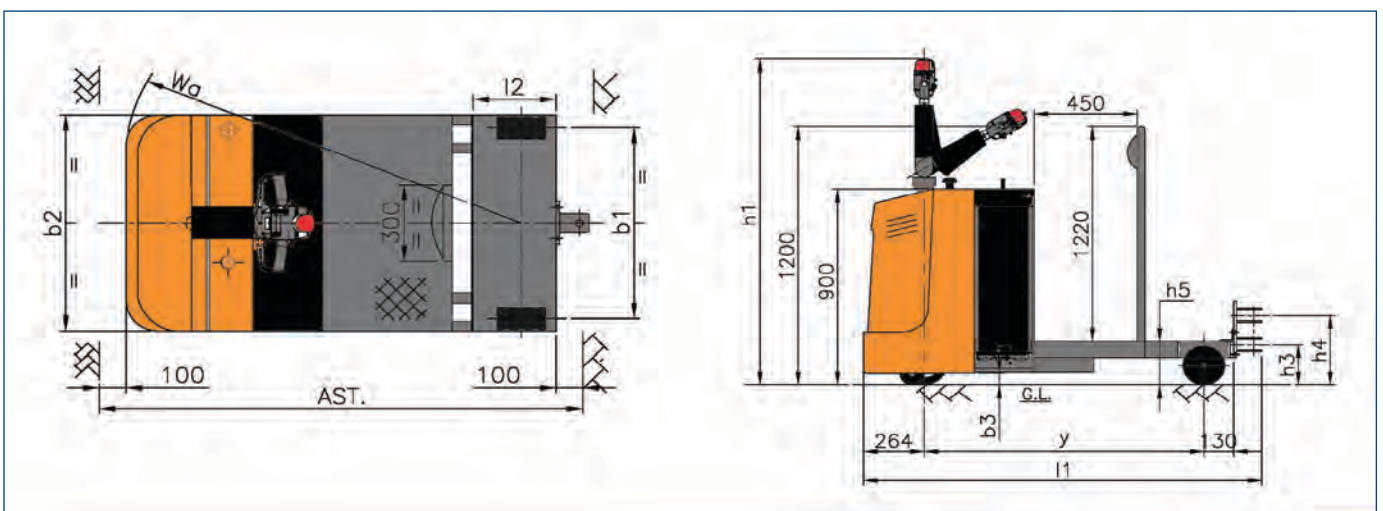
## Stand-On Tow Truck (AC Drive)

(Capacity 2000 kg.)

### Performance Data

			Stand-on Tow Truck
Identification	Model	Nos.	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
		Unladen	km / h
	Gradient performance :	Laden	Max %
		Unladen	Max %
	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  $\pm 20$  mm and performance  $\pm 10\%$ . Service weight  $\pm 50$  kg. Right to make changes and technical improvement reserved.



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### Jost's Engineering Company Limited

C-7 Wagle Industrial Estate, Road No. 12, Thane - 400 604. Maharashtra. INDIA.

T.: +91 22 6267 4000 E.: jostfact@josts.in W.: www.josts.com

Bengaluru : +91 80 4123 4775 / 4123 4885 Chennai : +91 44 2626 8536 / 2628 8407 Delhi : +91 11 4160 7989 Kolkata : +91 33 2242 9510 / 4008 1242

Pune : +91 20 2543 4565 / 2543 4390 Secunderabad : +91 40 2771 4934 / 44 / 54 Vadodara : +91 265 2351 642