

**Technical Specification of Jost's make Jumbo electric Three Wheeler Platform Truck
(Battery operated) High Fix with Both Suspension or equivalent**

1.	Model	Similar to Josts model JEHFB20
2.	Capacity	2000 Kgs.
3.	Maximum Travel Speed (on Road Level)	a) Laden: 06 to 10 km per hour approximate
		b) Unladen: 09 to 13 km per hour approximate
4.	Grade ability	a) Laden: 01:15
		b) Unladen: 01:10
5.	Tyres	a) Front Size: 438 mm x 127 mm solid rubber non skid bonded
		b) Rear Size: 438 mm x 127 mm solid rubber non skid bonded
6.	Minimum Ground Clearance	100 to 120 mm
7.	Turning radius with load (max) wheel to wheel	2300 to 2400 mm
8.	Wheel base	1930 \pm 20 mm
9.	Platform (Plain)	Type : Fixed
		Loading Height: 585 mm \pm 20 mm
		Dimension: (1500 to 1550 mm) length x (975 to 1025 mm) width
		Prime mover: 2.25 to 2.5 HP totally enclosed series wound traction motor
		Traction Battery: Lead acid heavy duty traction battery enclosed in a steel container in charged condition. Battery should be of 30 V 285 to 290 AH make- Exide or similar
		Emergency power cut off switch to be provided.
		Suitable battery charger is necessary to recharge the battery to be provided.
10.	Additional Accessories	a) 6 mm chequered steel platform in lieu of standard MS plate to be provided.
		b) Battery discharge indicator
11.	General Technical Details	
a)	Standard Finish	Yellow and black Firm will use paints manufactured by reputed manufactures.
b)	Main Frame (Chassis)	Fabricated from steel channel section with suitable cross member.
c)	Steering	Through Direct acting handle bar
d)	Speed Controller	Through Control Panel consisting of R/F Switch, four step speed controller fitted with diodes to increase the life of contacts & minimize the sparking across the contacts
e)	Transmission	Transmission to the front wheel through a pulley enclosed oil bath gear box with inspection cover & chain tensioning device.
f)	Brakes	Internally expanding double shoe type mechanical brakes on

		rear wheels operated by a foot pedal.
g)	Parking brakes	To be provided
h)	Facility to reverse motion	To be provided.
i)	Accessories	Cushioned sheet cover for driver, head light, tail light, horn, tool kit, ignition key, & hand book of instruction manual and spare parts list.
j)	Safety features	Emergency power cut off switch & battery discharge indicator are to be provided.
k)	Dimensions	All dimensions are given in mm & subject to tolerance of ± 10 mm wherever not specified.
l)	Tool Kit	Screw Driver 305 mm = 01 No
		D/E Spanner 10 x 11 mm = 01 No
		D/E Spanner 16 x 17 mm = 01 No
		D/E Spanner 18 x 19 mm = 01 No
m)	Commissioning free of cost at consignee premises	
n)	Training in operation & Maintenance free of cost at Consignee premises.	

[Handwritten Signature]
31/05/17

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