

Four Wheel Platform Truck

FIPL-201A-DC



Four-wheel industrial platform trucks are ideal for use in factories, warehouses, dockyards, airports, railway workshops, fertilisers plants, chemical and pharmaceutical factories. It will increase the efficiency and productivity of your operation.

Low Center of Gravity and small turning radius ensures the stable and convenient operations. It is energy saving, pollution free, silent in operation.

Safer operations by adding over-load protection and short circuit protection. Equipped with a high-quality battery and battery discharge indicator.

Electric Platform Truck comes with efficient Brush less motor and efficient Trans-axle drive with greater working backup, therefore perfectly equipped for demanding everyday tasks. Its spacious loading platform can handle up to 5000Kgs of payload.

A large battery capacity gives it a wide range. In multi-shift operations, the battery can also be quickly and easily exchanged from the top.

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Key Components



Trans-axle design
Brush-less Motor



Foot Pedal
Accelerator Pedal



BDI with Hour Meter
Emergency Cut-Off Switch - Key Switch

CHASSIS:

- Fabricated from rolled channels and plates.
- Low profile chassis for all round visibility.

ELECTRICAL SYSTEM:

- Brush-less DC/ step-less controller provides smooth and step-less control of speed and acceleration.
- Control panel is located below the steering handle, consist of ON-OFF switch, Key switch, forward and reverse switch, emergency cut-off switch and battery discharge indicator with low battery buzzer system.

BRAKE:

- Internally expanding double shoe type hydraulic brakes on rear wheel, operated by a foot pedal.
- Parking brake provided on the rear wheels.

ACCESSORIES:

- The truck comes with Horn/head lamp/ tail lamp
- and brake lights.

DRIVE UNIT AND TRANSMISSION:

- The drive mechanism is simple and efficient.
- It provides excellent traction and braking capacity through a drive axle & heavy duty brakes.

BRUSH LESS SPEED MOTOR ADVANTAGES :

- Brush less speed motor life than a brush series motor life increased three times.
- Brush less speed motor battery life increased by 30%.

STEERING:

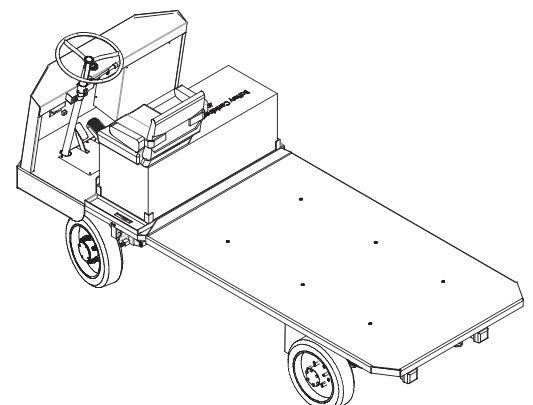
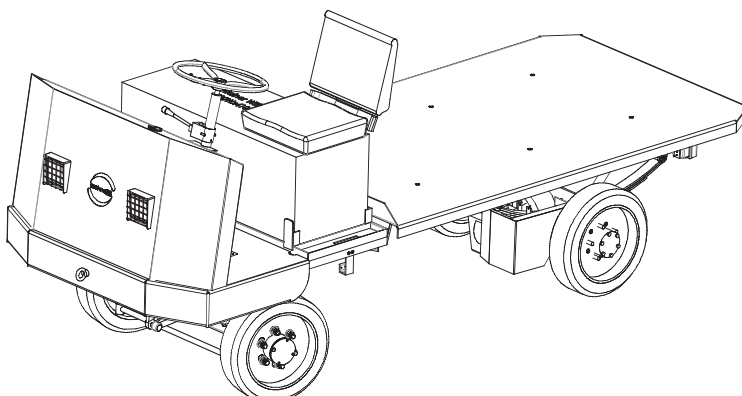
- Standard automotive type steering on front wheels for easy control.

SUSPENSION:

- Leaf spring and shock absorber are provided on the both the axle.

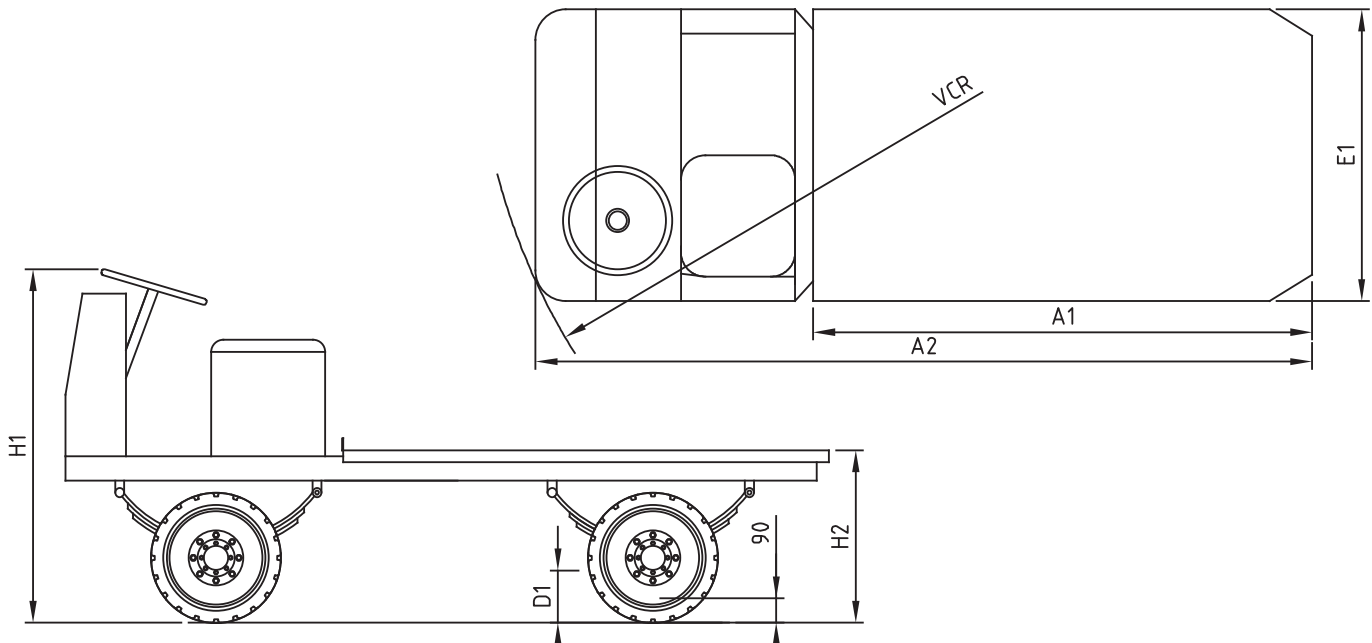
WHEELS:

- All tyre are solid rubber mounted tyres.
- Solid cushion I Non-marking tyres can also be supplied as an option on customer request.



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PARTICULAR	UNIT	FIPL-201A-DC
Drive type		Electric
Load capacity	Q(kg)	2000/3000/4000/5000
Tyres		Solid Rubber
Tyre size, front		18" x 5'
Tyre size, rear		18" x 5'
Wheel Base	mm	1785 (Customizable)
Overall length	A2 mm	2850 (Customizable)
Overall width	mm	1250 (Customizable)
Overall Height	H1 mm	1470 (Customizable)
Platform Size (L X W)	A1 x E1 mm	2000 x 1200 (Customizable)
Platform Height Fixed	H2 mm	650 - 700
Ground clearance, centre of wheelbase	D1 mm	125
Turning radius Appx	VTR (mm)	3300 (Customizable)
Travel speed, laden	Km/h	8 to 9
Travel speed unladen	Km/h	10 to 12
Gradeability- Laden	%xm	1 :10
Gradeability - Unladen	%xm	1:05
Seat		Plastic
Service brake		Hydraulic (Double Shoe Type)
Controller		Brushless DC/ Stepless
Transmission Type		Transaxle
Drive motor Kw		3 / Brushless
Battery voltage, nominal capacity cs	V/Ah	48/200
Suspension		Leaf Spring & Shock Absorbers on both axles
Steering		Automotive type on front wheels

Note: There may be any specification/dimensional change. If these specifications are critical, the proposed application should be discussed.