



Joey eStep

Semi-Electric Access Vehicle

Patents US 10,160,629 B2 and Pending

The Joey eStep was designed for use on level surfaces only as an alternative to using low level ladders in the workplace



Joey eStep Capacity

- 100lbs. Front load trays (2)
- 100lbs. Front load deck
- 300lbs. Operator's compartment

Manual Push Operation

DC lift motor with twin post elevating system can lift the operator to a maximum elevation of 42".

Elevating system

The twin post elevating system includes adjustable poly shims between the operator's compartment and posts for smooth vertical travel. Hydraulic cylinders in each post are chrome plated to promote a long & reliable service life.

Unit includes (2) steel front load trays each with a carrying capacity of 100lbs. The lower tray is fixed, while the top tray may be placed at various preset heights. The maximum clearance between the trays for placement of loads is 16.5".

Front load tray dimensions

(2) 28.75" x 15" (*T-shaped shelves allow for 21"x18" alternate load orientation*)

Front load deck dimensions

28.75" x 15" (Chassis, does not elevate)

The front load deck features a single piece powerhead cover that may be removed with simple hand tools to access the unit's mechanical, battery and charger systems for any required maintenance.

Hydraulic pump & reservoir

The hydraulic pump and reservoir is fully enclosed within the powerhead to reduce chances for leakage when used in a commercial environment. The hydraulic pump supports a manual lowering capability should the unit ever become stuck in the air.

Chassis

An all steel chassis supports good stability at height while loaded, and exceptional durability to extend the equipment's service life.



Operator's compartment

The spacious 24" x 24" clear cabin area can be fully enclosed when elevated with rear swinging gates that allow for easy egress at floor level. The compartment features a low 9.5" step height, 42.5" high railings, and colored side panels.

Operator controls

The right-hand operator control pod features fingertip lift/lower buttons for the operator platform and a recessed emergency power disconnect. On the left-hand control pod, a cup holder, horn, and battery discharge indicator with hour meter are provided.



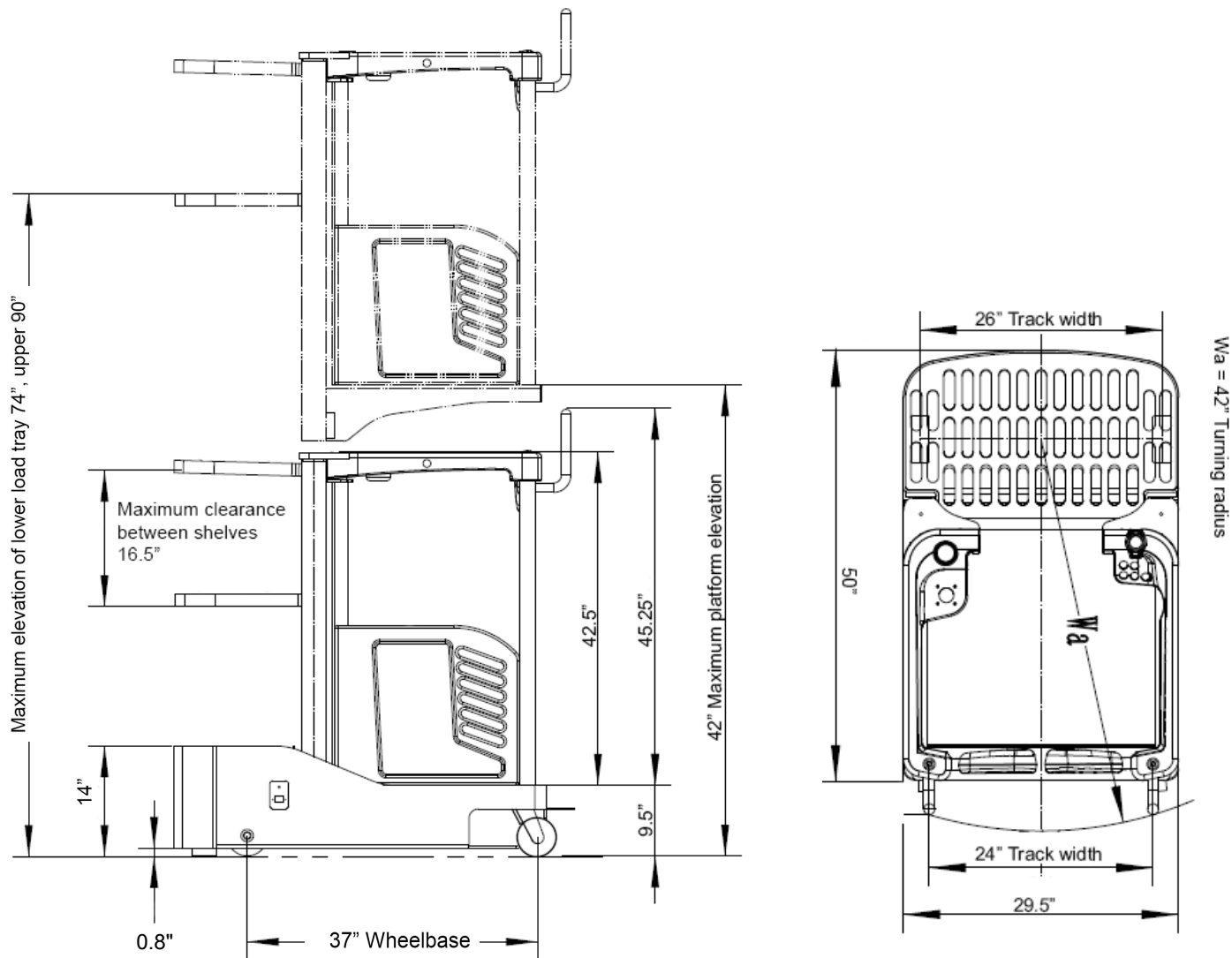
Right hand controls

Standard equipment

- Automatic floor lock when elevated
- Padded spring activated rear gates
- High mounted rear push bars
- Integral lithium battery
- Integral 110 VAC plug-in smart charger
- Battery discharge indicator w/hour meter
- Emergency power disconnect
- (2) Fixed front casters 5.1" x 2.1" poly
- (2) Swivel rear casters, 4.9" x 1.6" poly with foot actuated locking mechanism
- Key switch, Cup holder, Horn



Rear locking swivel casters



All measurements shown are maximum elevations in standard "inch" units.

Vehicle Model	Equipment Type	Mast	Operator Platform	Front Load Tray	Collapsed Height	Extended Height	³ Weight (lbs)	
600lbs total vehicle capacity (100lbs front load trays, 100lbs front load deck, 300lbs operators compartment)								
JE-42	Access Vehicle	Single Stage	42	90	54.75	97	600	

³ Estimated shipping weight with battery