



Since 1907

ERE 35 / 40

(AC Drive)

Electric Stand-on Pallet Truck

(Capacity 3500 / 4000 kg.)



- MOSFET Programmable Step-less Speed Controller
- Fully-integrated AC Traction System
- Unique linkage Mechanism to provide jerk free lift of loaded pallet
- Multi-function tiller head with enhanced Safety.
- Ergonomically designed for enhanced Productivity, Safety & Serviceability

Jost's Electric heavy duty Stand-on Pallet Truck, ERE flexibly handle the palletised loads in dual mode either as pedestrian or stand-on pallet truck. ERE optimally adjusts to any application by simply folding the platform up or down. When compared with simple pedestrian models, ERE can provide higher throughput with higher speed on stand-on mode thus goods can be cost effectively transported over long distances. Jost's Pallet Trucks with AC technology provides advantage of reduced maintenance, improved power utilisation and improved battery life.



OPERATOR AREA:

Stand-on foldable platform provides excellent comfort and safety. Dampening spring mechanism provides cushioning effect to swallow the jerks that can come from the bumps on surface. The rubberized anti-skid mat provides good grip on stand-on mode thus enhance the safety. Emergency stop button provides maximum safety for the operator.



DRIVE & DRIVE CONTROL

Powerful 1.5 Kw high performance AC motor of 1 hour rating efficiently drives a low noise and two stage compact gear unit mounted directly on to the drive wheel. Microprocessor based MOSFET controller provide smooth and step-less control of speed and acceleration. It also helps in obtaining fault diagnostic information quickly and easily.



CHASSIS

Robust Construction and stable five-point contact design enhances stability while turning the equipment. Rounded enclosed contours permit safe maneuvering in confined spaces. Battery holding compartment in the chassis is provided with suitable roller bed for easy removal of the battery.



WHEELS

Polyurethane wheels configuration enables noiseless smooth ride and have better ability to withstand impact loads while rolling over bumps on the surfaces. Tandem load wheel configuration ensures smooth roll over with continuous contact on the floor and enables easy negotiation without jerks



TILLER HEAD & STEERING:

Multi-function tiller head with ergonomically arranged operating elements tips provide highest operator comfort and safety for traveling, lifting, lowering and horn at finger. It also has a belly button that provides additional safety in case of emergencies. Steering lock at 90 on either side and can be operated only in limited range of handle inclinations comfortable to operator thus provides additional operational safety.



FORKS

Robust steel fabricated forks ensure long lasting and durable service. Various options of fork lengths and width over forks are available for different types of pallets. Fork ends are suitably tapered to provide better maneuverability while turning in confined spaces



BRAKE

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



HYDRAULICS SYSTEM

Compact power pack unit with high pressure pump is driven by 0.8 Kw sturdy compound wound motor. The motor operates via lifting mechanism. The motor comprises of low lift hydraulic cylinder and load wheel linkages for jerk free lift of the loaded pallet for the required ground clearance. The compact system consumes less battery power and is designed with very little scope for hydraulic losses.



SAFETY

Equipment automatically lift cut off at 80% battery discharge condition to ensure safety. Equipment has emergency power cut-off switch on chassis panel and anti-collision switch on tiller head. Hydraulic circuit has safety feature similar to pressure relief valves and non-return valves.



SERVICING

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



BATTERY & CHARGER

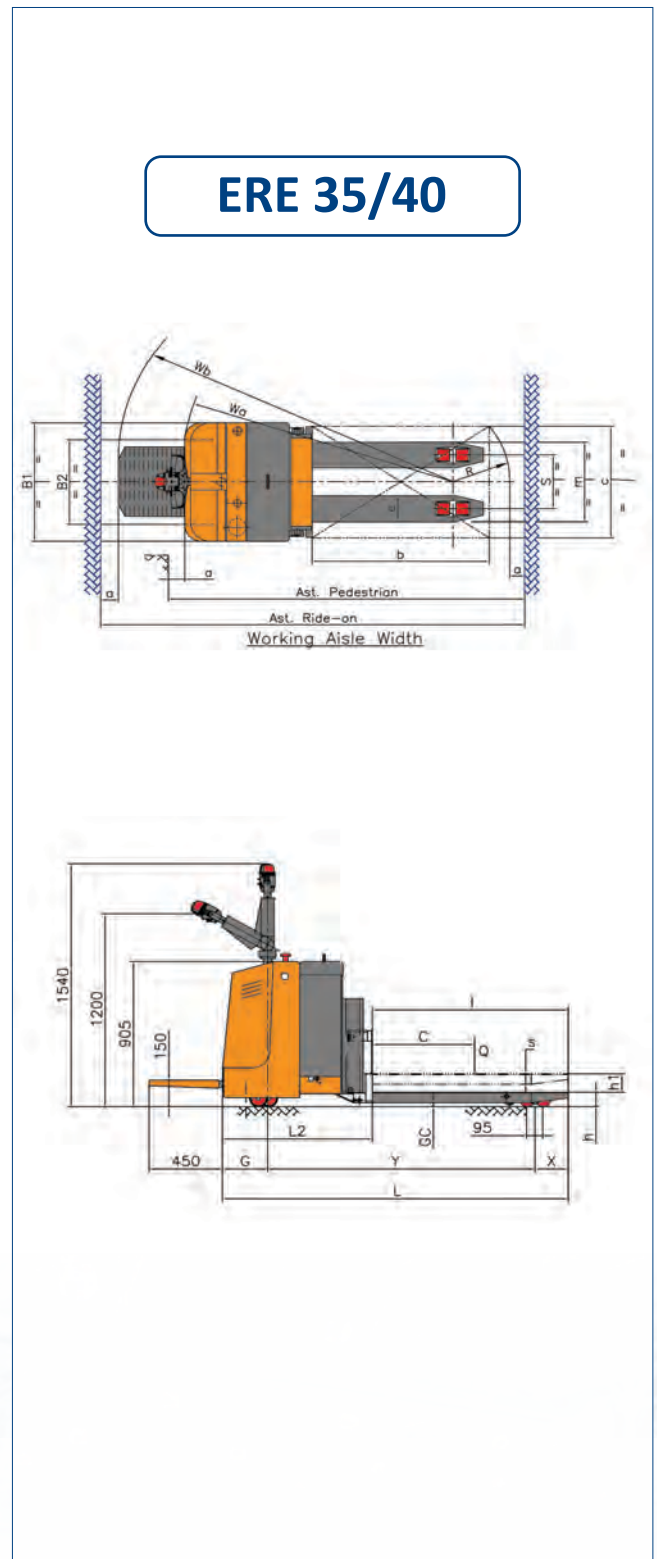
The equipment comes with 24V / 330Ah traction battery to ensure steady power supply. High frequency constant current automatic charger of 24V / 35Amp is supplied as a standard

ERE 35/40

(AC Drive) Electric Stand-on Pallet Truck (Capacity 3500 / 4000 Kg.)

Specification

	Model	Nos.	ERE 35	ERE 40
Performance Data	Drive	type	AC	AC
	Capacity	Q = Kg.	3500	4000
	Load center for rated capacity	c = mm	600	600
	Load distance (from load wheel to fork face)	L2 = mm	810	810
	Travel speed (min.), laden	kmph	4.2	3.8
	Travel speed (min.), unladen	kmph	4.5	4
	Lift speed, laden / unladen	cm / s	1.6 / 2.5	1.4 / 2.5
	Lowering speed, laden / unladen	cm / s	3.1 / 2.5	3.3 / 2.5
	Gradient performance, laden / unladen	%	6 / 16	5 / 16
	Battery weight, apx.	Kg.	310	310
Service weight incl. 'battery, apx.	Kg.	825	845	
Technical Data	Wheelbase	Y = mm	1570	1570
	Wheels number front / rear (x = driven wheels)	nos.	1x+2 / 4	1x+2 / 4
	Load Wheel	mm	Ø85 x 75W	Ø85 x 75W
	Side support castor wheel	mm	Ø150 x 40W	Ø150 x 40W
	Drive wheel	mm	Ø200 x 85W	Ø200 x 85W
	Track width, front / rear	B2 / S = mm	606 / 385	606 / 385
	Overall length	L = mm	1960	1960
	Lift	h1 = mm	115	115
	Fork lowered height	h = mm	90	90
	Safety clearance	a = mm	100	100
	Front overhang	G = mm	264	264
	Overall Width	B1 = mm	850	850
	Fork dimensions	s / e / l = mm	55 / 185 / 1150	55 / 185 / 1150
	Load Wheel / Forks tip distance	X = mm	186	186
	Width over forks (WOF)	m = mm	570	570
	Ground clearance, center of wheel base (unladen)	GC = mm	25	25
	Turning radius (pedestrian mode)	Wa = mm	1900	1900
	Drive control	type	MOSFET	MOSFET
	Sound level at driver's ear	db(A)	85	85



Working Aisle Width Ast. (mm) Incl. 200 mm safety clearance

Pallet size c x b	Position	mm	Working aisle width*
800 X 1200	Crosswise	mm	2400
800 X 1200	Lengthways	mm	2560
1000 X 1200	Crosswise	mm	2400
1000 X 1200	Lengthways	mm	2640
1200 X 1200	Lengthways	mm	2730

Note: 90° stacking aisle width., * : pedestrian mode

Optional Fork Lengths and Widths

Capacity (Kg)	Fork length (mm)	Width over fork (mm)	
3500	1150	680	750
4000	1150	680	750
3500	1250	680	750
3000	1400	680	750
3000	900	680	750

For any special requirements, Please contact Jost's HO. Dimensions indicated here are subject to variations of ± 20mm and performance ± 10%. Service weight ± 50kg. Right to make changes and technical improvement reserved.



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