



Electric Stand-on Order Picker

JOPICKER

(Ac Drive)

- Pick up height up to 2nd and 3rd level of racking.
- Available with AC drive.
- MOSFET programmable stepless speed controller.

Josts Electric Stand-on order Picker, **JOPICKER** has been designed especially for the efficient order picking up to 2600 / 3600 mm from ground level. Two variants of JoPicker, one (EPE 20) for picking from ground / first level, and the other (EPE 08 / EPE 10 with a lift platform) for picking up to either second level or third level of racking. JoPicker enables a single operator to operate the vehicle for both traveling and order picking.



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-space in the operator area ensures comfortable operations. The checkered plate provides good grip to the operator and it further prevents the operator to slip during acceleration, deceleration and turning. Emergency stop button provides maximum safety to the operator.



DRIVE:

1.5 kW AC motor of 1-hour rating drives a low noise two-stage compact gear unit. This Gear unit is mounted directly on the drive wheel. AC motor not only deliver high performance but also has high overload capacity



DRIVE CONTROL:

The Microprocessor-based MOSFET controller provides smooth and stepless control of speed and acceleration. It also helps in obtaining fault diagnostic information quickly. The high life cycle contactors are used in the controller circuit to enhance dependability and productivity.



CHASSIS:

Equipment has Robust steel construction and the stable five-point contact design. This design allows high residual capacities and further enhance stability during turning. The rounded enclosed contours allow safe maneuvering in confined spaces. The battery holding the compartment in the chassis is provided with a suitable roller bed.



LIFT PLATFORM:

EPE 08 / EPE 10 Model comes with lift platform of 800 / 1000 kg UDL capacity and lift height of 1000 / 1600 mm respectively. This lift platform is lifted by robust lift arms (made from tubular sections for higher strength) and carbon steel pins (pins are ground and plated) for long trouble-free operation. The lift platform is provided with protective side rails and a door that enable the operator to get into the lift platform without dismounting from the truck. The lift platform is further provided with a pendant switch for traveling and hydraulic operation.



Pay Load Platform:

EPE 20 model comes with a fixed platform of 2000 kg capacity at 225 mm from ground level. It can be provided with optional side railing to contain the goods within the platform. The operator can access the goods in the platform without dismounting the goods from the truck



WHEELS:

All wheels - Drive wheel Ø200 x 85 mm wide, Rear wheels Ø200 x 85 mm wide and Support castors Ø150 x 50 mm wide are made of polyurethane material as a standard. It enables the noiseless smooth ride over a variety of surfaces and it causes damage to expensive flooring.



TILLER HEAD:

Equipment has Multifunction tiller head with ergonomically arranged operating elements to provide the highest operator comfort and safety. It is used for traveling, lifting, lowering and for horn at fingertips.



STEERING:

The tiller control handle configuration enables easy and effortless steering via steering lock at 90° on either side of the steering operation and provides additional operational safety. Steering is further possible in a limited range of handling inclinations comfortable to the operator



BRAKE:

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



HYDRAULICS:

Compact power pack unit with high-pressure pump enables smooth and efficient lifting and lowering operations to various heights. It is driven by 2.2 kW sturdy compound wound motor and forms the heart of the hydraulic system. Lifting and lowering operations can be actuated either by the push button on the tiller head or with the pendant switch on the lift platform. The lift platform provides trouble-free operation as it is operated by single acting hydraulic cylinder (with hard chrome plated piston rod), honed cylinder tube and high-quality seals & guide rings



SAFETY:

Lowering brake valve in the hydraulic circuit provides gradual lowering. The BDI unit enables an automatic lift cut off at 80% battery discharge condition to enhance safety. The hydraulic circuit has safety features similar to a hose-burst valves, pressure relief valves, and non-return valves. The lift platform scissors are protected with bellows for additional safety. The Equipment will operate in travel with the safe speed in forward or reverse direction with the platform in raising condition.



SERVICING:

The modular service-friendly design with easily removable bellows and front cover, provides easy access to all components for servicing thus saving valuable time during maintenance.



BATTERY:

The equipment comes with 24V / 195Ah traction battery (standard) and 24V / 330Ah traction battery (optional) to ensure a steady power supply with trouble-free battery maintenance.

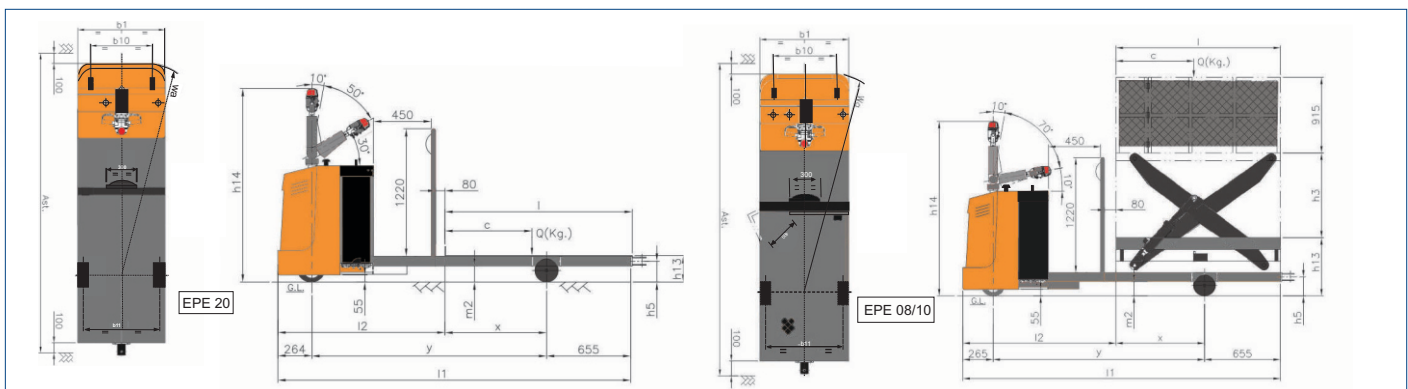


CHARGER:

24V / 28Amp (standard) or 24V / 42Amp (for optional 330 Ah battery) microprocessor-controlled charger (standard) or timer-controlled charger (optional) can be provided as per customer requirement

Performance Data

Identification	1.1	Model	Nos	EPE 20	EPE 10	EPE 08
	1.2	Drive	type	AC	AC	AC
	1.3	Operator type	type	Platform Truck	Order Picker	Order Picker
	1.4	Load capacity / rated load	Q (Kg)	2000	1000	800
	1.5	Load center distance	c (mm)	750	750	750
	1.6	Load distance, center of drive axle	x (mm)	850	850	850
	1.7	Wheelbase	y (mm)	1830	1830	1830
Weights	2.1	Service weight incl. Battery, apx.	Kg	1050	1400	1550
	3.1	Tyres	type	Polyurethane	Polyurethane	Polyurethane
Wheel, chassis	3.2	Tyre size, front	mm	Ø200 x 85	Ø200 x 85	Ø200 x 85
	3.3	Tyre size, rear	mm	Ø200 x 85	Ø200 x 85	Ø200 x 85
	3.4	Support wheel (dimensions)	mm	Ø150 x 50	Ø150 x 50	Ø150 x 50
	3.5	Wheels, number front rear (x = driven wheel)		2 + 1 / 2	2 + 1 / 2	2 + 1 / 2
	3.6	Tread, front	b10 (mm)	606	606	606
	3.7	Tread, rear	b11 (mm)	750	750	750
Basic Dimensions	4.1	Lift	h3 (mm)	-	1000	1600
	4.2	Height of tiller in drive position min. / max.	h14 (mm)	1500	1500	1500
	4.3	Height, lowered	h13 (mm)	225	525	750
	4.4	Overall length	l1 (mm)	2750	2750	2750
	4.5	length to face	l2 (mm)	1250	1250	1250
	4.6	Overall width	b1 (mm)	850	850	850
	4.7	Platform dimensions	b1 x l (mm)	850 x 1500	800 x 1500	800 x 1500
	4.8	Towing height	h5 (mm)	180	180	180
	4.9	Ground clearance, center of wheelbase	m2 (mm)	145	145	145
	4.10	Aisle width for pallets	Ast. (mm)	3100	3100	3100
	4.11	Turning radius	Wa (mm)	2160	2160	2160
Performance Data	5.1	Travel speed, laden / unladen	kmph	4.5 / 5.0	4.5 / 5.0	4.5 / 5.0
	5.2	Max. gradability, laden / unladen	%	8 / 16	8 / 16	8 / 16
	5.3	Service brake	type	Electromagnetic	Electromagnetic	Electromagnetic
Electric Engine	6.1	Drive motor rating S2 60min.	kW	1.5	1.5	1.5
	6.2	Lift motor rating S3	kW	-	2.2	2.2
	6.3	Battery Voltage, Nominal Capacity	V / Ah	24 / 195	24 / 195	24 / 195
	6.4	Battery Weight	kg	350	350	350
Others	7.1	Type of device control	type	MOSFET	MOSFET	MOSFET
	7.2	Sound level at the drivers ear	db (A)	85	85	85



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



Since 1907

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