

EKKO®

MATERIAL HANDLING EQUIPMENT

MOVING AHEAD

CENTER-CONTROLLED RIDER PALLET JACK EPC30A

- 5000 lbs. Capacity
- Forks 27x45
- German AC Drive Motor
- Curtis Instrument Controller
- Stability Casters
- Electromagnetic Braking
- Battery and Charger Included
- 3 Year Limited Warranty



Center-controlled Rider Pallet Jack



EPC30A

**Great for long hauls, superior quality, maneuverable, compact,
and durable for all your material handling applications.**

WEIGHT CAPACITY: 5000 lbs.

FORK LENGTH: 27x45"

LIFT HEIGHT: 7.88"

TURNING RADIUS: 89.68"

BATTERY / CHARGER: 24V/360Ah,
Direct connect 110A 110VAC
plug-in automatic 24V/50A charger

SPEED TRAVEL: 3.41 mph empty ; 3.23 mph loaded

LIFTING SPEED: .94 empty, .9 loaded

LOWERING SPEED: 7.8 empty, 1.18 loaded

DRIVE WHEELS: 9.84" x 2.95" polyurethane

LOAD WHEELS: 4.88 x 2.36" polyurethane

HYDRAULICS LIFTING MOTOR: 24V 800 Watt lifting motor with hardened chrome moly steel for durability.

DRIVE MOTOR: 24V 1500-Watt drive motor for efficiency and high torque.

CONTROLLER: 24V provides performance through entire range of speed; Constant travel speed regardless of load; Battery discharge indicator combination gauge. Power steering.

BRAKES: Electro-magnetic braking for secure stopping power; Electronic neutral braking for accurate control.

OPERATOR CONTROLS: Throttle, lifting, lowering, turtle mode and horn functions are in the ergonomic handle; turtle button; belly button reverse safety feature allows the unit to stop and reverse to avoid collision or injury.

CHASSIS AND MAST: Robotic Welding; Heavy duty steel for durability.



Model		EPC30A
Power unit		Electric
Operation		Stand on
Rated loading capacity	Q (LBS)	5000
Load center	c (Inch)	23.6
Distance between fork backrest and front wheel	x (Inch)	35.83
Wheelbase	y (Inch)	81.89
Wheels type		PU
Driving wheel size	$\Phi \times w$ (Inch)	$\Phi 9.84 \times 2.95$
Bearing wheel size	$\Phi \times w$ (Inch)	$\Phi 3.15 \times 3.35$
Balance wheels	$\Phi \times w$ (Inch)	$\Phi 4.53 \times 2.17$
Wheels, number front/rear (x = driven)		1,2/2
Track width	b_{10} (Inch)	21.26
Track width	b_{11} (Inch)	20.28
Lifting height	h_3 (Inch)	7.88"
Overall height	h_{14} (Inch)	42.91
Lowered fork height	h_{13} (Inch)	3.35
Overall length	l_1 (Inch)	99.09
Body Length	l_2 (Inch)	58.82
Overall width	b_1 / b_2 (Inch)	31.81
Fork Size	$s/e/l$ (Inch)	1.97/6.69/45.3
Fork Width	b_5 (Inch)	26.97
Min.Ground clearance	m_2 (Inch)	0.98
Aisle width for pallets 39.37*47.24 crossways	A_{st} (Inch)	107.48
Aisle width for pallets 31.5*47.24 lengthways	A_{st} (Inch)	109.45
Turing Radius	W_a (Inch)	89.68
Travel speed, laden/unladen	(km/h)	5.2/5.5
Lifting speed, with/without load	(mm/s)	23/24
Lowering speed, with/without load	(mm/s)	30/20
Maximum climbing ability, with/without load	(%)	3/6
Brake Type		Electromagnetic brake
Drive Motor	(kW)	1.5
Lift Motor	(kW)	0.8
Battery, according to DIN 43531/35/36 A,B,C,no		no
Battery voltage/rate capacity	(V/Ah)	24/360
Battery Weight ($\pm 5\%$)	(LBS)	680
Steering type		EPS
Type of drive control		AC
Noise level	(dB(A))	≤ 75
Service weight with battery	LBS	2400

