

EKKO[®]

MATERIAL HANDLING EQUIPMENT

MOVING AHEAD

ORDER PICKERS

EOP68 / EOP70 Series

- 2200 lbs. Capacity
- 177-196 in. Lift Height
- Auxiliary Lift Forks
- EPS (Electric Power Steering)
- German AC Drive Motor
- Curtis Controller
- Battery and Charger Included
- 3 Year Limited Warranty



EOP Series

Superior quality, maneuverable, compact, and durable for all your material handling applications. Ideal for narrow aisles and high-level picking.

WEIGHT CAPACITY: 2200 lbs. @ 24" load center

LIFT HEIGHT: 177-196"

FORK LENGTH: 42.13"

MAST HEIGHT: 98.03"

TURNING RADIUS: 61.81"

BATTERY / CHARGER: 24V/280Ah, 24-volt Industrial Battery with external direct connect 110A 110VAC plug-in automatic 24V/5A charger (both Included)

SPEED TRAVEL: 4.97 mph empty ; 4.97 mph loaded

LIFTING SPEED: 5.35 ips empty; 3.6 ips loaded

LOWERING SPEED: 3.85 ips empty; 4.4 ips loaded

DRIVE WHEELS: 9" x 3" polyurethane

STABILITY: 4" x 2" polyurethane

LOAD WHEELS: (2) 4" x 3" polyurethane per outrigger

HYDRAULICS LIFTING MOTOR: 24V 6000-Watt lifting motor with hardened chrome moly steel for durability.

DRIVE MOTOR: 24V German AC 3000Watt drive motor for efficiency and high torque. Curtis **EPS (Electric Power Steering)**

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

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; Offset steering handle to provide better visibility; Belly button reverse safety feature allows the unit to stop and reverse to avoid collision or injury.

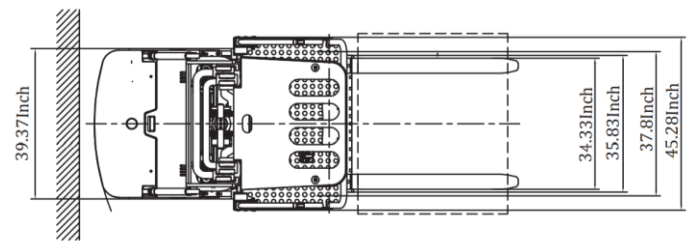
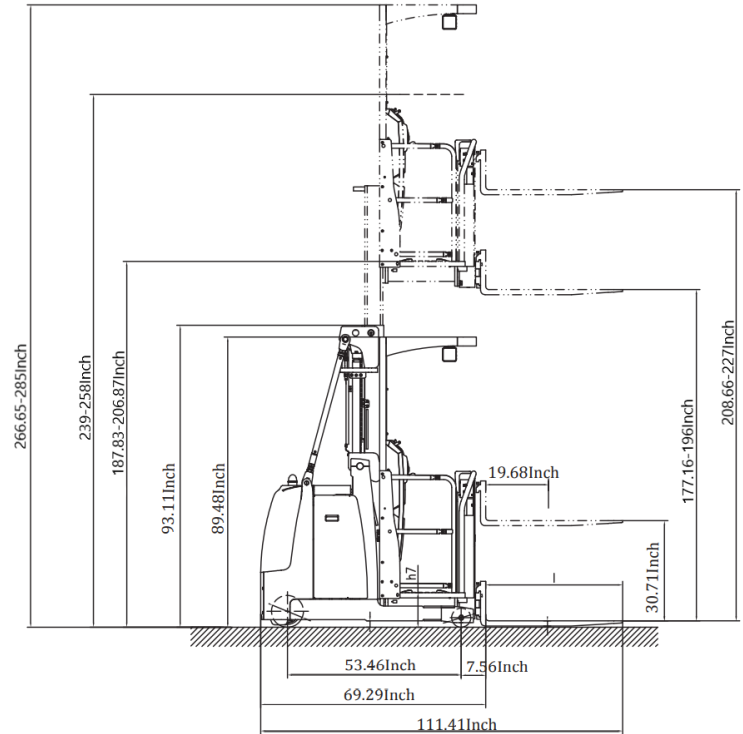
CHASSIS AND MAST: Robotic Welding; Heavy duty steel chassis with I-beam mast for durability; Telescoping mast includes a protective steel guard.



Order Pickers



Model		EOP68	EOP70
Power unit		Electric	Electric
Operation		Stand on	Stand on
Rated loading capacity	Q (lbs)	2200	2200
Load centre	c (Inch)	19.68	19.68
Between fork backrest & front wheel	x (Inch)	7.56	7.56
Wheelbase	y (Inch)	53.46	53.46
Service weight with battery	lbs	6270	n/a
Wheels type		PU	PU
Driving wheel size	Φ×w(Inch)	Φ9.84×5	Φ9.84×5
Bearing wheel size	Φ×w(Inch)	Φ5.9×3.23	Φ5.9×3.23
Wheels, number front/rear (x = driven)		1, /2	1, /2
Track width	b ₁₁ (Inch)	37.8	37.8
Lowered mast height	h ₁ (Inch)	93.11	93.11
Lifting height	h ₃ (Inch)	177.16	196"
Extended mast height	h ₄ (Inch)	266.65	285
Height of overhead guard(cabin)	h ₆ (Inch)	89.48	89.48
height of seat/stand-on platform	h ₇ (Inch)	10.67	10.67
Additional lift height	h ₉ (Inch)	30.71	30.71
total lift height	h ₁₀ (Inch)	208.66	227
Platform lifting height	h ₁₂ (Inch)	187.83	206.873
Lowered fork height	h ₁₃ (Inch)	1.97	1.97
Picking height	h ₁₅ (Inch)	239.01	258.01
Overall length	l ₁ (Inch)	111.41	111.41
Body Length	l ₂ (Inch)	69.29	69.29
Overall width	b ₁ / b ₂ (Inch)	39.37/145.28	39.37/145.28
Fork Size	s/e/l (Inch)	1.37/3.93/42.13	1.37/3.93/42.13
Width of fork fixing frame	b ₃ (Inch)	35.83	35.83
outside fork width	b ₅ (Inch)	34.33	34.33
Min. Ground clearance	m ₂ (Inch)	1.97	1.97
Aisle width for pallets 39.37*47.24 crossways	Ast (Inch)	122.24	122.24
Aisle width for pallets 31.5*47.24 lengthways	Ast (Inch)	126.77	126.77
Turning Radius	Wa (Inch)	61.81	61.81
Travel speed,laden/unladen	(km/h)	8	8
Lifting speed, with/without load(cabin)	(mm/s)	140/150	n/a
Lifting speed, with/without load(Fork)	(mm/s)	130/140	n/a
Lowering speed, with/without load(cabin)	(mm/s)	240/250	n/a
Lowering speed, with/without load(Fork)	(mm/s)	130/95	n/a
Climbing ability, with/without load	(%)	3/6	3/6
Brake Type		Electromagnetic brake	Electromagnetic brake
Drive Motor	(kW)	3	3
Lift Motor	(kW)	6	6
Battery, DIN 43531/35/36 A,B,C,no		no	no
Battery voltage/rate capacity	(V/Ah)	24/280	24/280
Battery Weight (±5%)	(LBS)	600	n/a
Type of drive control		AC	AC
Noise level	(dB(A))	≤75	≤75



MODEL #	MAST	LIFT HEIGHT	MAX MAST HEIGHT	SERVICE WEIGHT
EP068	98.03"	177"	208.66"	n/a
EOP70	n/a	196"	227"	n/a



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