

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: 3.3 mph empty ; 3.0 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.

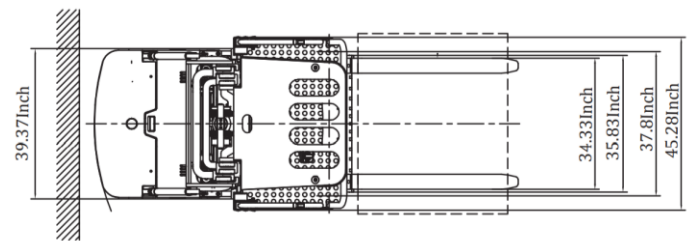
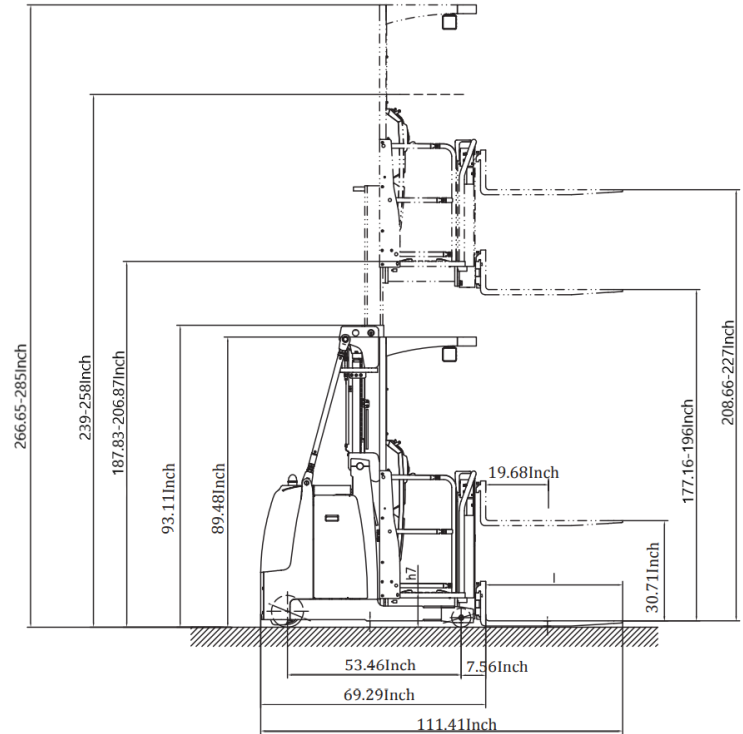
CHASSIS AND MAST: Robotic Welding; Heavy duty steel chassis with I-beam mast for durability; Telescoping mast includes a protective steel guard.



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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