

EST152

Electric Stacker 1.5T

- Strong chassis
- Rigid mast
- Easy operation
- Efficient hydraulic system



CNC MOVING CO.,LTD.

82/13 moo 3 Wat Namdaeng Road, Bangphliyai,
Bangphli, Samut Prakan, 10540 Thailand

TEL : 02-1306220,091-0951991

www.cnc-moving.com

PRODUCT PARAMETERS

Strong chassis

The side impact beam, plates, and boxes make the chassis stronger and can greatly reduce stress and deformation caused by heavy load.



Rigid mast

The rigidity of the mast is greatly improved by its beam structure to provide smooth lifting and stacking for daily operation.



Easy operation

The extra-long and offset tiller with the crawl speed button provides EST152 a better visibility and nimble maneuverability when operating in tight space.



Efficient hydraulic system

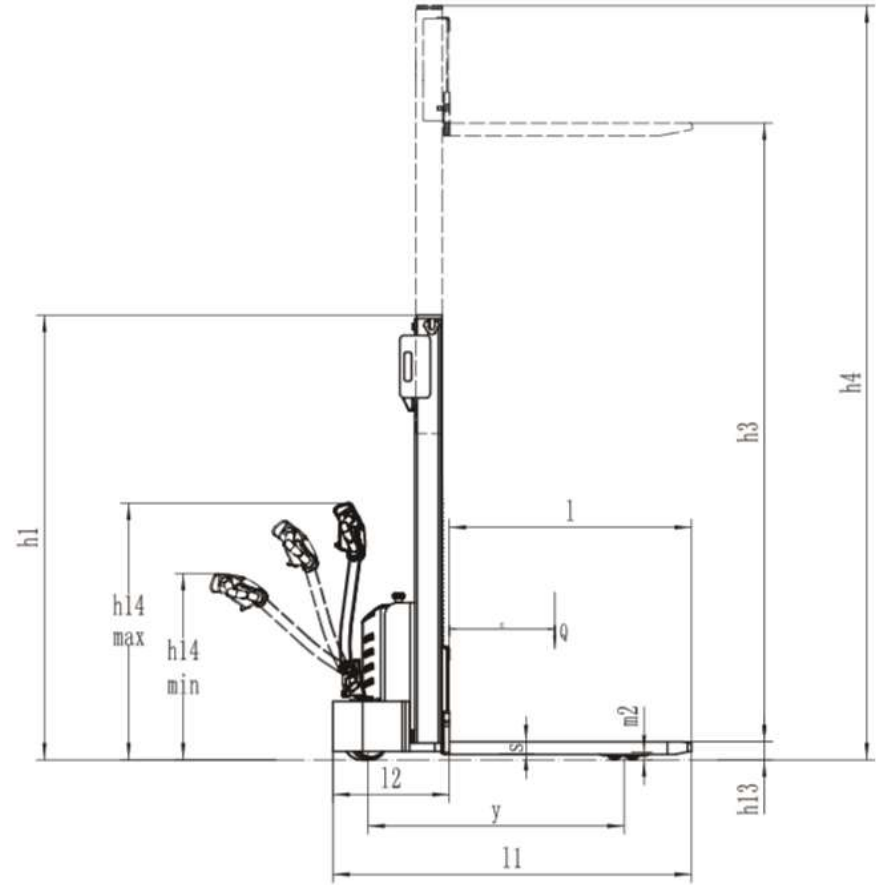
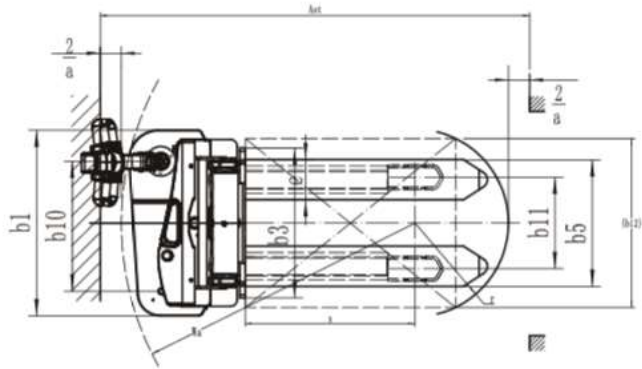
High quality hydraulic pump ensures very little noise, maximum efficiency, durability and shortens lifting time.



| Distinguishing mark | | | |
|---------------------|---|------------|-----------------|
| 1.1 | Manufacturer | | iMOW |
| 1.2 | Model designation | | EST152 |
| 1.3 | Drive unit | | electrics |
| 1.4 | Operator type | | pedestrian |
| 1.5 | rated capacity | Q t | 1.5 |
| 1.6 | Load center distance | c mm | 500 |
| 1.8 | Load distance, centre of drive axle to fork | x mm | 798 |
| 1.9 | Wheelbase | y mm | 1212 |
| Weight | | | |
| 2.1 | Service weight (include battery) | kg | 595 |
| 2.2 | Axle loading, laden driving side/loading side | kg | 825/1270 |
| 2.3 | Axle loading, unladen driving side/loading side | kg | 450/145 |
| Types,Chassis | | | |
| 3.1 | Tyre type Driving wheels/Loading wheels | | PU/PU |
| 3.2 | Tyre size, driving wheels (diameter×width) | mm | Ø210×70 |
| 3.3 | Tyre size, loading wheels (diameter×width) | mm | Ø74×72 |
| 3.4 | Tyre size, caster wheels (diameter×width) | mm | Ø130×55 |
| 3.5 | Wheels, number driving, caster/loading (x=drive wheels) | mm | 1x +1/4 |
| 3.6 | Track width, front, driving side | b10 mm | 531 |
| 3.7 | Track width, rear, loading side | b11 mm | 405 |
| Dimensions | | | |
| 4.2 | Height, mast lowered | h1 mm | 1956 |
| 4.4 | Lift height | h3 mm | 2630 |
| 4.5 | Height, mast extended | h4 mm | 3271 |
| 4.9 | Height drawbar in driving position min./max. | h14 mm | 750/ 1340 |
| 4.15 | Lowered height | h13 mm | 85 |
| 4.19 | Overall length | l1 mm | 1713 |
| 4.2 | Length to face of forks | l2 mm | 563 |
| 4.21 | Overall width | b1 mm | 792 |
| 4.22 | Fork dimensions | s/ e/ l mm | 60/ 170/ 1150 |
| 4.24 | Fork carriage width | b3 mm | 680/770 |
| 4.25 | Distance between fork-arms | b5 mm | 570/685 |
| 4.32 | Ground clearance, center of wheelbase | m2 mm | 25 |
| 4.34.1 | Aisle width for pallets 1000 × 1200 crossways | Ast mm | 2224 |
| 4.34.2 | Aisle width for pallets 800 × 1200 lengthways | Ast mm | 2158 |
| 4.35 | Turning radius | Wa mm | 1390 |
| Performance data | | | |
| 5.1 | Travel speed, laden/ unladen | km/ h | 4.2/4.5 |
| 5.2 | Lifting speed, laden/ unladen | m/ s | 0.08/0.14 |
| 5.3 | Lowering speed, laden/ unladen | m/ s | 0.11/0.10 |
| 5.8 | Max. gradeability, laden/unladen | % | 3/10 |
| 5.10 | Service brake type | | Electromagnetic |
| Electric-engine | | | |
| 6.1 | Drive motor rating S2 60 min | kW | 0.75 |
| 6.2 | Lift motor rating at S3 15% | kW | 2.2 |
| 6.3 | The maximum allowed size battery | mm | 260×165×210 |
| 6.4 | Battery voltage/nominal capacity K20 | V/ Ah | 2×12/85 |
| 6.5 | Battery weight | kg | 2×24 |
| Addition data | | | |
| 8.1 | Type of drive unit | | DC |
| 10.5 | Steering type | | Mechanical |
| 10.7 | Sound pressure level at the driver's ear | dB (A) | 74 |



LINE GRAPH





MAST OPTION

| Mast types | Lift | h3+h13 | Lowered mast height | h1 | Free lift | h2 | Extended mast height | h4 |
|------------|------|--------|---------------------|----|-----------|----|----------------------|----|
| Duplex ZT | 2520 | | 1856 | | — | | 3071 | |
| | 2720 | | 1956 | | — | | 3271 | |
| | 3020 | | 2106 | | — | | 3571 | |
| | 3320 | | 2256 | | — | | 3871 | |



RATED CAPACITY

RATED CAPACITIES GRAPH

