

UX
SERIES



ElectroMech



Electric Rider Stacker

MS15XUX / 1500kg

UX Series - Electric Rider Stacker

MS15XUX / 1500kg

The Yale® electric rider stacker MS15XUX delivers a low cost of operation while increasing user productivity. These robust stackers can optimise vehicle loading and unloading operations, as well as boosting pallet transportation rates over both short and long distances.

Productivity

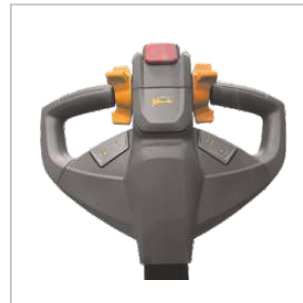
- Maintenance free AC motor
- Multi-function display with BDI and hour meter
- Emergency reversing button
- Auto deceleration function
- Low speed switch
- Variable speed control
- Side battery roll-out system is very convenient to replace batteries
- Mast cushioning for low-noise operation
- Built-in pressure relief valve protects from overloads
- Emergency power disconnect switch
- Cushioned ergonomic platform
- Cold store configuration (option)

Optimum structural design

- Low centre of gravity enhances stability
- Full free lift mast options for low overhead clearance
- Durable plastic covers
- Adjustable balance casters improve stability

Serviceability

- Low voltage protection setting extends the battery life
- CANbus technology
- Simple electronic components makes troubleshooting and servicing more efficient
- Hall effect sensors reduce wear and increase component life



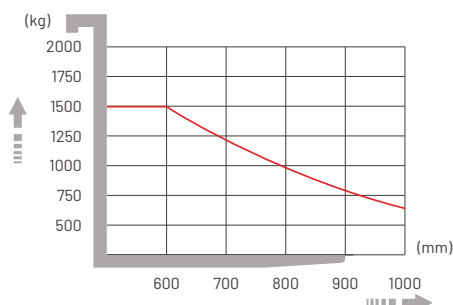
**Handle (Standard)
(Left & Right Handed)**



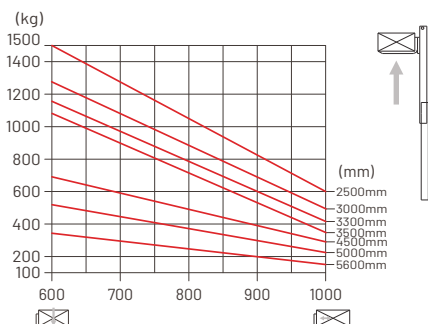
**Fork lengths to
suit all applications**

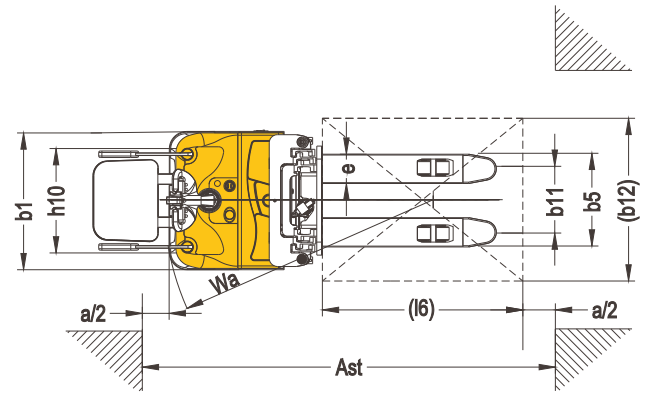
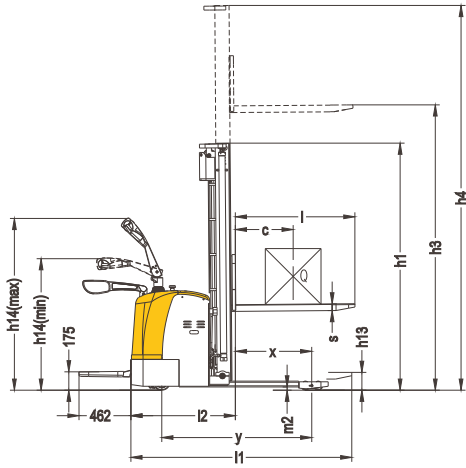
Load Charts

Load Centre Chart



Load Capacity Chart





Technical Parameters

| Model | Measurement | MS15XUX | | | | | | | |
|--|-------------|---|------|------|------|------|----------------------|------|--|
| Load capacity/rated load | Q (kg) | 1500 | | | | | | | |
| Load centre distance | c (mm) | 600 | | | | | | | |
| Load distance, centre of drive axle to fork | x (mm) | 672 | | | | | | | |
| Fork height, lowered | h (mm) | 85 | | | | | | | |
| Tyre size, front | mm | 250x70 | | | | | | | |
| Tyre size, rear | mm | 80x84 | | | | | | | |
| Additional wheels (dimensions) | mm | 150x60 | | | | | | | |
| Wheels, number front rear (x=driven wheels) | | 1x+2/4 | | | | | | | |
| Height, mast lowered | h (mm) | 1735 | 1985 | 2135 | 2235 | 2050 | 2410 | 2410 | |
| Free lift (option 2500~3500mm) | h (mm) | 0 | 0 | 0 | 0 | 1570 | 1940 | 1940 | |
| Max. Lift height | h (mm) | 2500 | 3000 | 3300 | 3500 | 4500 | 5600 | 5600 | |
| Height, mast extended | h (mm) | 2955 | 3455 | 3755 | 3955 | 5030 | 6110 | 6110 | |
| Height of tiller in drive position min./max. | h (mm) | 1150/1450 | | | | | | | |
| Overall length | l1 (mm) | 2020/2100 | | | | | | | |
| Length to face of forks | l2 (mm) | 950 | | | | | | | |
| Overall width | b (mm) | 850 | | | | | | | |
| Fork dimensions | s/e/l (mm) | 60/180/1070 (1150) | | | | | | | |
| Width overall forks | b (mm) | 570/695 | | | | | | | |
| Aisle width for pallets 800x1200 lengthways | A (mm) | 2515 | | | | | | | |
| Turning radius | W (mm) | 1655 | | | | | | | |
| Travel speed, laden/unladen | km/h | 6.5/6.7 | | | | | | | |
| Lift speed, laden/unladen | m/s | 0.11/0.14 | | | | | | | |
| Lowering speed, laden/unladen | m/s | 0.12/0.12 | | | | | | | |
| Battery voltage, nominal capacity K5 | V/Ah | 24/240 | | | | | 24/300 (option) | | |
| Battery weight | kg | 220 | | | | | 260 | | |
| Battery dimensions l/w/h | mm | 675x254x500 | | | | | 675x254x540 (option) | | |
| Service weight (with battery) | kg | 1240/1270/1285/1490/1520/1560/1580 ¹ | | | | | | | |

MP15XUX Power Plug Type

A



Power Plug

C



Power Plug

G



Power Plug

I



Power Plug

Lift Trucks & Warehousing Solutions

Electric Walkie Pallet Truck



Electric Rider Pallet Truck



Electric Walkie Pallet Truck



Electric Walkie Stacker



Electric Walkie Stacker Truck



Internal Combustion Counterbalanced Forklift



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