

# ■ Electric Pallet truck, Standing Operation TB20/25-R1

AC driving  
imported pump station  
Automatic deceleration in turn, Lifting electric limit  
EPS electric steering  
Leg width adjustable  
vibration attenuation  
Battery side shift



## Safe & Efficient

- Curtis driving controller and curtis steering controller make the operation stable and efficient.
- Automatic limit of the lifting cargo, more security.
- AC motor, stepless speed adjustment, greater power silent and safe. High strength and stability forming fork tip improve operation safety.

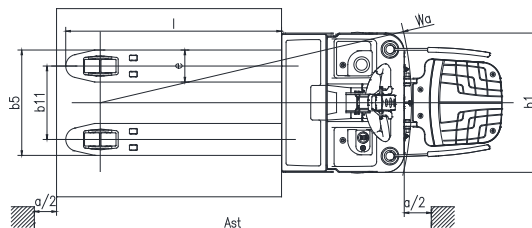
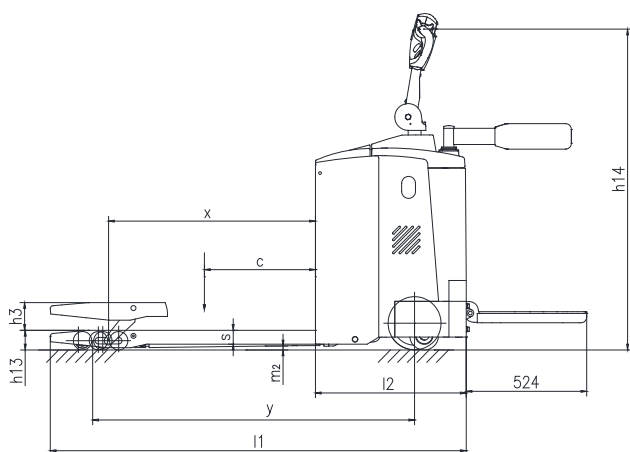
## Flexible & practical

- Brushless AC driving motor, free maintenance.
- Automatic limiting speed in face of turn makes comfortable operation.
- Large area detachable pedal, enough space, comfortable driving.
- Carefully-tuned performance parameters make the driving action without block and comfortable.

## Excellent performance

- Electromagnetic, regenerative braking system.
- With patented floating design of driving unit of the, vibration damping effect is better.
- Large capacity battery, possibly to be taken out on side or hanging out.
- Emergency reverse direction, emergency brake switch and electric power steering system save effort.
- Walkie type, standing type, and turtle speed can meet all kinds of situation.

## MACHINE 2D GRAPH



| IDENTIFICATION  |           | TB20-R1               | TB25-R1               |
|---|-----------|-----------------------|-----------------------|
| Drive   | -         | electric              | electric              |
| Operator type   | -         | Pedestrian (Stand on) | Pedestrian (Stand on) |
| Load Capacity/rated load                              | Q(kg)     | 2000                  | 2500                  |
| Load centre distance                                  | c(mm)     | 600                   | 600                   |
| Load distance   | x(mm)     | 898                   | 898                   |
| Wheelbase   | Y(mm)     | 1396/1332             | 1396/1332             |
| WEIGHT  |           |                       |                       |
| Service weight (including battery)                    | kg        | 720                   | 720                   |
| Axle loading, laden, front/rear                       | kg        | 1175/1545             | 1324/1896             |
| Axle loading, unladen, front/rear                     | kg        | 580/140               | 580/140               |
| WHEEL CHASSIS   |           |                       |                       |
| Tyres Type  | -         | polyurethane          | polyurethane          |
| Wheel size, front                                     | -         | Φ230×80               | Φ230×80               |
| Wheel size, rear                                      | -         | Φ80×70                | Φ80×70                |
| Additional wheels                                     | -         | Φ125×50               | Φ125×50               |
| Wheels, number front/rear (x=driven wheels)           | -         | 1X-2/4                | 1X+2/4                |
| Track width, front                                    | b10(mm)   | 493                   | 493                   |
| Track width, rear                                     | b11(mm)   | 390(515)              | 390(515)              |
| DIMENSIONS  |           |                       |                       |
| Lift height   | h3(mm)    | 120                   | 120                   |
| Height of tiller, in drive position, Min. /Max.       | h14(mm)   | 1410/1042             | 1410/1042             |
| Height, fork lowered                                  | h13(mm)   | 85                    | 85                    |
| Overall length  | l1(mm)    | 1805                  | 1805                  |
| Length to face of forks                               | l2(mm)    | 654                   | 654                   |
| Overall width   | b1(mm)    | 740                   | 740                   |
| Fork dimensions                                       | s/e/l(mm) | 60/170/1150           | 60/170/1150           |
| Width across forks                                    | b5(mm)    | 560(685)              | 560(685)              |
| Ground clearance ,Centre of wheelbase                 | m2(mm)    | 18                    | 18                    |
| Aisle width for pallets 1000x1200 crossways           | Ast(mm)   | 2044/2538             | 2044/2538             |
| Aisle width for pallets 800x1200 lengthways           | Ast(mm)   | 2093/2587             | 2093/2587             |
| Turning radius  | Wa(mm)    | 1598/2083             | 1598/2083             |
| PERFORMANCE   |           |                       |                       |
| Travel speed, laden/unladen                           | Km/h      | 6.8/7.0               | 6.8/7.0               |
| Lift speed, laden/unladen                             | m/s       | 0.026/0.030           | 0.040/0.060           |
| Lowering speed, laden/ unladen                        | m/s       | 0.032/0.027           | 0.050/0.040           |
| Max. gradeability, laden/unladen                      | %         | 5/12                  | 5/12                  |
| Service brake   | -         | Electromagnetic       | Electromagnetic       |
| MOTOR   |           |                       |                       |
| Drive motor power                                     | kW        | 1.5                   | 1.5                   |
| Lift motor power                                      | kW        | 0.8                   | 2.2                   |
| Battery voltage/rated capacity                        | V/Ah      | 24/210                | 24/240                |
| Battery weight  | Kg        | 195                   | 195                   |
| OTHERS  |           |                       |                       |
| Type of dirve control                                 | -         | AC                    | AC                    |
| Sound level at the driver's ear according to DIN12053 | dB(A)     | 70                    | 70                    |

The company reserves the right to modify the provision of parameters, such as a change without notice.