

■ Electric Pallet truck, Standing Operation TB20/25-RA1



Safe & Efficient

- Elastic adjustment structure of balance wheel resist wear and tear, good stability.
- pedal for standing with shock-absorbing effect, comfortable, not easy to fatigue.
- AC motor, not necessary to change electric brush ,excellent performance for the ramp up and down.
- Emergency power disconnecter, turtle speed switch , emergency reverse direction switch equipped handle, provides safer operation.

Convenient maintenance

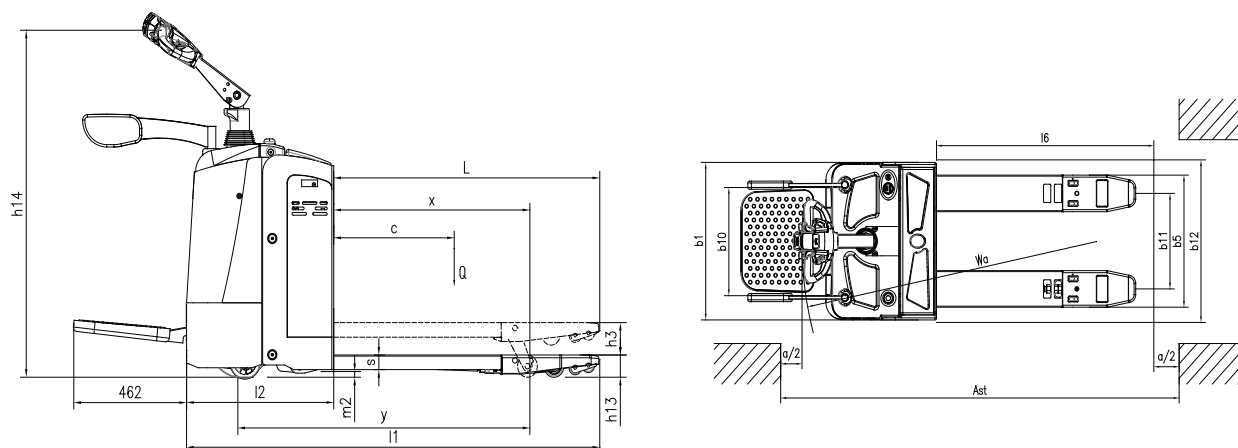
- with reasonable design, rugged steel cover is reliable and easy to dismantle , which makes the maintenance very easy.
- Steering wheel with lubricating oil and bushing, easy to maintain
- The entire drive unit has a small radius of rotation, convenient replacement of the wheel.

- Side-door and cover of battery are possible to open, to replace and repair the battery.

Flexible & practical

- Low battery protection setting prolong the battery use time.
- CANBUS technology reduces wiring complexity and improve the stability of performance.
- Hall sensor eliminates wear components and prolong its use time.
- Display of battery status and working time together with stepless speed adjustment make more comfortable operation.
- Water-proof and dust-proof of motor make the brake and motor more durable and reliable.

MACHINE 2D GRAPH



Electric Pallet truck, Standing Operation

TB20/25-RA1

| IDENTIFICATION | | TB20 - RA1 | TB25 - RA1 |
|---|----------------------|------------------------|------------------------|
| Drive | - | electric | electric |
| Operator type | - | Stop driving | Stop driving |
| Load Capacity/rated load | Q(kg) | 2000 | 2500 |
| Load centre distance | c(mm) | 600 | 600 |
| Load distance(raised) | x(mm) | 815/865/935 | 815/865/935 |
| Wheelbase(lowered) | Y(mm) | 1211/1261/1331 | 1211/1261/1331 |
| WEIGHT | | | |
| Service weight (including battery) | kg | 710 | 740 |
| Axle loading, laden, front/rear | kg | 1300/1410 | 1470/1770 |
| Axle loading, unladen, front/rear | kg | 600/110 | 620/120 |
| WHEEL CHASSIS | | | |
| Tyres Type | - | polyurethane | polyurethane |
| Wheel size, front | - | Φ250×70 | Φ250×70 |
| Wheel size, rear | - | Φ82×126 | Φ82×126 |
| Additional wheels | - | Φ127×57 | Φ127×57 |
| Wheels, number front/rear (x=driven wheels) | - | 1X+2/2 | 1X+2/2 |
| Track width, front | b ₁₀ (mm) | 490 | 490 |
| Track width, rear | b ₁₁ (mm) | 340/370/470/505 | 340/370/470/505 |
| DIMENSIONS | | | |
| Lift height | h ₃ (mm) | 120 | 120 |
| Height of tiller, in drive position, Min. /Max. | h ₁₄ (mm) | 1150/1430 | 1150/1430 |
| Height, fork lowered | h ₁₃ (mm) | 82 | 82 |
| Overall length | l ₁ (mm) | 1710/1760/1830 | 1710/1760/1830 |
| Length to face of forks | l ₂ (mm) | 610 | 610 |
| Overall width | b ₁ (mm) | 775 | 775 |
| Fork dimensions | S/e/l(mm) | 54/180/1100(1150/1220) | 54/180/1100(1150/1220) |
| Width across forks | b ₅ (mm) | 520/550/650/685 | 520/550/650/685 |
| Ground clearance ,Centre of wheelbase | m ₂ (mm) | 28 | 28 |
| Aisle width for pallets 1000x1200 crossways | A _{st} (mm) | 1910/1960/2030 | 1910/1960/2030 |
| Aisle width for pallets 800x1200 lengthways | A _{st} (mm) | 2010/2010/2030 | 2010/2010/2030 |
| Turning radius | W _a (mm) | 1550/1600/1670 | 1550/1600/1670 |
| PERFORMANCE | | | |
| Travel speed, laden/unladen | Km/h | 6.7/7.1 | 6.7/7.1 |
| Lift speed, laden/unladen | m/s | 0.039/0.056 | 0.039/0.056 |
| Lowering speed, laden/ unladen | m/s | 0.064/0.050 | 0.064/0.050 |
| Max. gradeability, laden/unladen | % | 8/20 | 8/20 |
| Service brake | - | Electromagnetic | Electromagnetic |
| MOTOR | | | |
| Drive motor power | kW | 1.2 | 1.5 |
| Lift motor power | kW | 1.2 | 1.2 |
| Battery voltage/rated capacity | V/Ah | 24/210 | 24/240 |
| Battery weight | Kg | 170 | 200 |
| 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.