



CLUTCH
MATERIAL HANDLING EQUIPMENT
A DIVISION OF **CHERY**

TB20 Electric Pallet Jack

CLUTCHFORKLIFTS.COM | 516.493.9951

| IDENTIFICATION | | TB20-WA2 |
|---|----------------------|-------------------|
| Drive | - | electric |
| Operator type | - | Pedestrian |
| Load Capacity/rated load | lbs | 4400 |
| Load centre distance | in | 24 |
| Load distance (raised) | x(mm) | 916/937 |
| Wheelbase(lowered) | Y(mm) | 1418/1488 |
| WEIGHT | | |
| Service weight (including battery) | kg | 535 |
| Axle loading, laden, front/rear | kg | 955/1580 |
| Axle loading, unladen, front/rear | kg | 430/105 |
| WHEEL CHASSIS | | |
| Tyres Type | - | polyurethane |
| Wheel size, front | - | Φ230×75 |
| Wheel size, rear | - | Φ85×70/Φ83×115 |
| Additional wheels | - | Φ85×48 |
| Wheels, number front/rear (x=driven wheels) | - | 1X+2/4 (1X+2/2) |
| Track width, front | b ₁₀ (mm) | 498 |
| Track width, rear | b ₁₁ (mm) | 370/430/515 |
| DIMENSIONS | | |
| Lift height | h ₃ (mm) | 120 |
| Height of tiller, in drive position, Min. /Max. | h ₁₄ (mm) | 715/1200 |
| Height, fork lowered | h ₁₃ (mm) | 85 |
| Overall length | l ₁ (mm) | 1748/1818 |
| Length to face of forks | l ₂ (mm) | 598 |
| Overall width | b ₁ (mm) | 710 |
| Fork dimensions | S/e/l(mm) | 55/170/1150(1220) |
| Width across forks | b ₅ (mm) | 540/600/685 |
| Ground clearance ,Centre of wheelbase | m ₂ (mm) | 30 |
| Aisle width for pallets 1000x1200 crossways | A _{st} (mm) | 1815 |
| Aisle width for pallets 800x1200 lengthways | A _{st} (mm) | 2015 |
| Turning radius | W ₀ (mm) | 1595 |
| PERFORMANCE | | |
| Travel speed, laden/unladen | Km/h | 5.0/5.5 |
| Lift speed, laden/unladen | m/s | 0.051/0.060 |
| Lowering speed, laden/ unladen | m/s | 0.032/0.039 |
| Max. gradeability, laden/unladen | % | 8/16 |
| Service brake | - | Electromagnetic |
| MOTOR | | |
| Drive motor power | kW | 1.1 |
| Lift motor power | kW | 0.84 |
| Battery voltage/rated capacity | V/Ah | 24/210 |
| Battery weight | Kg | 190 |
| OTHERS | | |
| Type of dirve control | - | AC |
| Sound level at the driver's ear according to DIN12053 | dB(A) | 74 |

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

Safe & Efficient

- Front and rear frame connected by the new connecting rod, more stability.
- Emergency reverse function protect the operator from being hurt.
- Emergency power disconnecter as a standard configuration for added safety.
- Skid proof brakes
- Circular plate design on front and back frame helps to avoid nipping hands.
- High reliability AMP connector and electric parts. Reliable protection and fixtures for all electric wires and cables reduces the fault of electric parts.

Flexible Control

- Long handle design decreases the steering force, leading to easy operation.
- Suitable to all popular pallets for it's special fork design.
- More than 180C handle rotation range, & compact body, ensure small turning radius & excellent maneuverability.
- Creep speed function: when handle in vertical position, the driving speed will decrease automatically.

Advanced Design

- Aerodynamic body shape.
- With excellent empty pallet going-in and out function, operation efficiency is highly improved.
- AC driving system offers strong power, accurate control, excellent reaction speed, and long battery life.
- Special design of AC driving system assures that operation is more efficient.
- AC controller: reliable quality & top performance.
- Low noise / low fault hydraulic station: multilayer detection and test cylinder and pipeline ensure the reliability of the hydraulic system.

MACHINE 2D GRAPH

