

TUBOSHU⁷

SPECIFICATIONS SHEET

REACH TRUCK **TRT25E-H** **ELECTRIC**



TUBOSHU

SUITE 5, 66 WESTBOURNE TERRACE
LONDON, ENGLAND W2 3UJ
T: +44 7457 405 800

TUBOSHU.CO.UK

| MODEL | | |
|---|------|-----------------|
| Manufacturer | | TUBOSHU |
| Model | | TRT25-E |
| Configuration Number | | CDQ25 |
| Load Capacity | kg | 2500 |
| Load Centre Distance | mm | 500 |
| Power Mode | | Lithium Battery |
| Driving Mode | | Stand-On |
| Wheel Base | mm | 1685 |
| TIRE | | |
| Tire Type | | Polyurethane |
| Wheel Number, drive/caster/load (x=drive wheel) | | 1 x 2/2 |
| Track Width, Load | mm | 1078 |
| Wheel Size, Load | mm | 285x100 |
| Wheel Size, Drive | mm | 330x114 |
| Wheel Size, Caster | mm | 178x76 |
| DIMENSIONS | | |
| Lift Height | mm | 3300 |
| Free Lift | mm | 80 |
| Mast Height, Lowered | mm | 2424 |
| Fork Size, Thickness/Width/Length | mm | 40x122x1070 |
| Fork Adjusting With | mm | 244-722 |
| Fork Sideshifting | mm | ±55 |
| Truck Body Length (fork excluded) | mm | 2076 |
| Truck Body Width | mm | 1190 |
| Distance Between Support Arms | mm | 846 |
| Reach Distance | mm | 845 |
| Height of Overhead Guard | mm | 2250 |
| Ground Clearance Below Mast | mm | 83 |
| Turning Radius | mm | 1965 |
| Distance from Fork Front Tip to Center of Load Wheel | mm | 637 |
| Aisle Width with Pallet 1100 L x 1100 W , Clearance 200 | mm | 2885 |
| Aisle Width with Pallet 1000 L x 1100 W , Clearance 200 | mm | 2825 |
| PERFORMANCE | | |
| Travelling Speed with/without load | km/h | 10/11.5 |
| Lifting Speed with/without load | m/s | 0.27/0.45 |
| Lowering Speed with/without load | m/s | 0.5/0.45 |
| Reach Speed with/without load | m/s | 0.1/0.1 |
| Max. Climbing Ability Speed with/without load | % | 10/15 |
| WEIGHT | | |
| Overall Weight (with battery) | kg | 3250 |
| BATTERY | | |
| Battery Voltage/Capacity | V/Ah | 48/450 |
| Battery Weight | kg | 780 |
| Battery Box Dimension | mm | 11035x352x784 |

MOTOR AND CONTROLLER

| | | |
|--------------------------|----|---------------------------------|
| Drive Motor Power | kw | 5 |
| Lifting Motor Power | kw | 10 |
| Steering Motor Power | kw | 0.6 |
| Type of Driving Control | | MOSTET/AC |
| Type of Lifting Control | | MOSTET/AC |
| Type of Steering Control | | MOSTET/AC |
| Transmission Box | | TUBOSHU Special Transmssion Box |
| Service Brake | | Electrical |

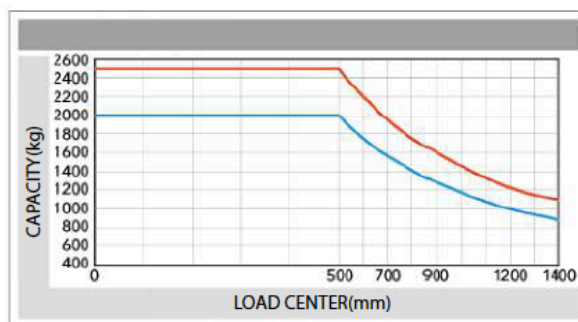
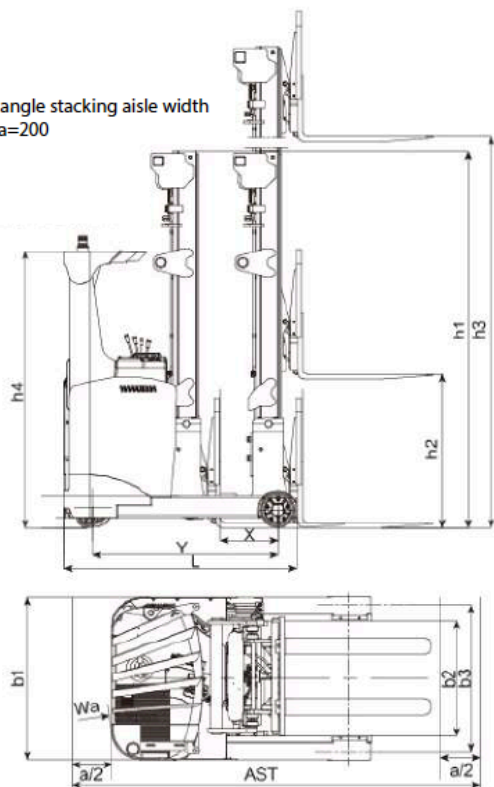
WIDE VIEW FULL FREE 3-STAGE MAST

| MAST MODEL | LIFTING HEIGHT mm | FREE LIFTING HEIGHT (mm) | MAST HEIGHT, LOWERED (mm) | LOAD CAPACITY (KG) | MAST TILT ANGLE α/β (°) |
|------------|----------------------|-----------------------------|------------------------------|-----------------------|------------------------------------|
| | | 25T | 25T | 25T | 25T |
| ZSM360 | 3600 | 980 | 2005 | 2500 | 2/4 |
| ZSM400 | 4000 | 1110 | 2138 | 2500 | 2/4 |
| ZSM430 | 4300 | 1210 | 2238 | 2400 | 2/4 |
| ZSM460 | 4600 | 1310 | 2338 | 2400 | 2/4 |
| ZSM480 | 4800 | 1380 | 2405 | 2300 | 2/4 |
| ZSM540 | 5400 | 1580 | 2604 | 2000 | 2/4 |
| ZSM570 | 5700 | 1680 | 2705 | 1950 | 2/4 |
| ZSM600 | 6000 | 1780 | 2805 | 1900 | 2/4 |
| ZSM650 | 6500 | 1947 | 2972 | 1800 | 2/4 |

WIDE VIEW MAST

| MAST MODEL | LIFTING HEIGHT mm | FREE LIFTING HEIGHT (mm) | MAST HEIGHT, LOWERED (mm) | LOAD CAPACITY (KG) | MAST TILT ANGLE α/β (°) |
|------------|----------------------|-----------------------------|------------------------------|-----------------------|------------------------------------|
| | | 25T | 25T | 25T | 25T |
| M250 | 2500 | 80 | 2024 | 2500 | 2/4 |
| M270 | 2700 | 80 | 2124 | 2500 | 2/4 |
| M300 | 3000 | 80 | 2274 | 2500 | 2/4 |
| M330 | 3300 | 80 | 2424 | 2500 | 2/4 |
| M360 | 3600 | 80 | 2574 | 2500 | 2/4 |
| M400 | 4000 | 80 | 2774 | 2500 | 2/4 |
| M430 | 4300 | 80 | 2924 | 2500 | 2/4 |
| M460 | 4600 | 80 | 3074 | 2400 | 2/4 |
| M500 | 5000 | 80 | 3274 | 2300 | 2/4 |
| M540 | 5400 | 80 | 3474 | 2000 | 2/4 |

AST: Right angle stacking aisle width
Clearance a=200



Note: The vertical axis stand for load capacity and the horizontal axis stand for load center which is calculated from the front surface of the forks to the gravity of the standard load. The standard load mean a cubic with 1000mm edge length. When mast is tilted forward, using non-standard fork or loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.