

3,000-3,500 lb Capacity Heavy-Duty Walkie Stacker

The Heavy-Duty Walkie Stackers are ideal for repetitive stacking applications where travel distances are minimal, such as storage and staging areas, skid, cart or work-table applications.

READY TO WORK.

EASY ACCESS AND CUSTOMIZATION. The walkie stackers can be easily powered-up by using a key or, with an optional keyless access pad, by using a four-digit access code. And with the auto shutdown feature the walkie stacker will automatically power down after a set amount of time of inactivity. Performance levels can be programmed and easily modified if the stacker is being used in various applications or by multiple operators.

ERGONOMIC HANDLING. Low steer effort is required to easily position the walkie stackers for lifting and maneuvering. The ergonomic handle also has easy fingertip control of lift and lower functions on both sides of the tiller and low-effort large thumbwheel controls. The low-hinged design of the control handle and long tiller arm ensures a secure distance between the operator and the truck.

UNIQUE POSITIONING. Mitsubishi Forklift Trucks equips the walkie stacker with both pinwheel and crawl speed functions. The pinwheel function gives the operator the ability to pinwheel the forklift with the handle in a completely vertical position while pressing the crawl speed button. This function provides better utilization of space and helps increase productivity.

ACCIDENT PREVENTION. The emergency reverse button will stop movement of the walkie stacker if the operator is traveling in reverse and gets caught in close quarters. If the stacker is not in motion, accidentally pressing the button will not cause the truck to move.

BUILT TO LAST.

POWERFUL MOVEMENT. The PWT15 and PWT18 models offer precise control when traveling at slow or fast speeds. The AC-powered drive motor is brushless and significantly reduces noise levels. The 3-phase AC controller allows for easy programming for various applications.

ADVANCED REGENERATIVE BRAKING. The braking system enhances energy efficiency and also smooths out directional changes. Break pad wear and tear is dramatically reduced in comparison to conventional designs.

ELECTRIC POWER STEERING OPTION. Adding the electric power steering option to the PWT15 or PWT18 models improves the already precise steering control. By eliminating hydraulic components, this option reduces life cycle costs, operator fatigue and features quiet activation.

VALUABLE SOLUTION.

SUPPORT YOU CAN COUNT ON. Mitsubishi Forklift Trucks products are supported by the industry's best programs for payment options and services, including:

- Up to 500-hour service intervals that help you save on maintenance costs with less downtime for service.
- Parts and labor for all systems for one year.
- Single source for quality replacement parts for all brands of forklifts.



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| CHARACTERISTICS | | | PWT15 | | PWT18 | |
|-----------------|--|----------------|--|---------------------------|---|---------------------------|
| 1 | Drive | | electric | | electric | |
| 2 | Type of operation | | walkie | | walkie | |
| 3 | Load capacity / rated load | lbs kg | 3,000 | 1,400 | 3,500 | 1,600 |
| 4 | Load center distance | in mm | 24 | 600 | 24 | 600 |
| 5 | Wheelbase | in mm | 55.5 | 1,409 | 55.5 | 1,409 |
| Weights | | | | | | |
| 6 | Service weight including maximum weight battery | lbs kg | 2,527 | 1,146 | 2,527 | 1,146 |
| 7 | Axle loading, loaded drive/load wheel axle | lbs kg | 1,785 / 3,742 ²⁾ | 822 / 1,724 ²⁾ | 1,817 / 4,210 ²⁾ | 828 / 1,918 ²⁾ |
| 8 | Axle loading, unloaded drive / load wheel axle | lbs kg | 1,660 ²⁾ / 867 ²⁾ | 753 / 393 | 1,660 ²⁾ / 867 ²⁾ | 753 / 393 |
| Wheels/Chassis | | | | | | |
| 9 | Tires | | polyurethane | | polyurethane | |
| 10 | Tire size, drive | in mm | 9.1 x 2.8 | 230 x 70 | 9.1 x 2.8 | 230 x 70 |
| 11 | Tire size, load | in mm | 3.3 x 3.0 | 85 x 75 | 3.3 x 3.0 | 85 x 75 |
| 12 | Tire size, caster | in mm | 4.9 x 2.4 | 140 x 57 | 4.9 x 2.4 | 140 x 57 |
| 13 | Wheels, number drive / caster / load | | 1 / 1 / 4 | | 1 / 1 / 4 | |
| Dimensions | | | | | | |
| 14 | Collapsed mast height | in mm | 77 ²⁾ | 1,950 | 77 ²⁾ | 1,950 |
| 15 | Free lift | in mm | 4 ¹⁾ 2) | 100 | 4 ¹⁾ | 100 |
| 16 | Maximum fork height | in mm | 117 ²⁾ | 2,900 | 113 ²⁾ | 2,800 |
| 17 | Overall extended height | in mm | 137 ¹⁾ 2) | 3,472 | 161 ²⁾ | 3,372 |
| 18 | Handle height in drive position min / max | in mm | 33.5 / 51.4 | 850 / 1,305 | 33.5 / 51.4 | 850 / 1,305 |
| 19 | Lowered fork height | in mm | 2.75 | 70 | 2.75 | 70 |
| 20 | Overall length to tip of baseleg | in mm | 75.2 | 1,910 | 75.2 | 1,910 |
| 21 | Overall length to 41" fork tip | in mm | 77.2 ²⁾ | 2,060 ¹⁾ | 77.2 ²⁾ | 2,060 ¹⁾ |
| 22 | Length to fork face (headlength) | in mm | 35.8 ²⁾ | 910 ¹⁾ | 35.8 ²⁾ | 910 ¹⁾ |
| 23 | Overall baseleg width | in mm | 43.3 / 50 / 57.9 | 1,100 / 1,270 / 1,470 | 43.3 / 50 / 57.9 | 1,100 / 1,270 / 1,470 |
| 24 | Fork dimensions thick / width | in mm | 1.6 / 3.9 | 40 / 100 | 1.6 / 3.9 | 40 / 100 |
| 25 | Overall chassis width | in mm | 31.5 | 800 | 31.5 | 800 |
| 26 | Width across forks minimum / maximum | in mm | 12.4 / 27.8 | 316 / 706 | 12.4 / 27.8 | 316 / 706 |
| 27 | Fork carriage width | in mm | 31.5 | 800 | 31.5 | 800 |
| 28 | Baseleg opening (BLO) | in mm | 35.4 / 42.1 / 50 | 900 / 1,070 / 1,270 | 35.4 / 42.1 / 50 | 900 / 1,070 / 1,270 |
| 29 | Ground clearance, loaded, under mast | in mm | 1.6 | 40 | 1.6 | 40 |
| 30 | Ground clearance, center of wheelbase | in mm | 2.0 | 50 | 2.0 | 50 |
| 31 | Aisle width for right angle stack | in mm | Please consult your local Mitsubishi forklift truck dealer | | | |
| 32 | Turning radius | in mm | 63.8 | 1,620 | 63.8 | 1,620 |
| Performance | | | | | | |
| 33 | Travel speed, loaded / unloaded | mph km/h | 3.7 / 3.7 | 6 / 6 | 3.7 / 3.7 | 6 / 6 |
| 34 | Lift speed, loaded / unloaded | ft/min km/h | 31.5 ²⁾ / 49.2 ²⁾ | 0.16 / 0.25 | 29.5 ²⁾ / 49.2 ²⁾ | 0.15 / 0.25 |
| 35 | Lowering speed, loaded / unloaded | ft/min m/s | 72.8 ²⁾ / 67 ²⁾ | 0.37 / 0.34 | 72.8 ²⁾ / 67 ²⁾ | 0.37 / 0.34 |
| 36 | Gradeability, loaded / unloaded | % | 8 / 16 | | 7 / 16 | |
| 37 | Service brake | | electro magnetic | | electro magnetic | |
| Motors | | | | | | |
| 38 | Drive motor rating S ₂ 60 min | kW/HP | 1.6 / 2.1 | | 1.6 / 2.1 | |
| 39 | Lift motor rating S3 15% | kW/HP | 3.0 / 4.0 | | 3.0 / 4.0 | |
| 40 | Battery voltage, maximum capacity (at 6 hour rate) | V/Ah | 24 / 375 | | 24 / 375 | |
| 41 | Battery weight minimum / maximum | lbs kg | 536 / 635 | 243 / 288 | 536 / 635 | 243 / 288 |

1) Overall extended (OAE) and free lift heights do not include load backrests.

2) Using 77" OAL simplex mast, other masts may change value.

