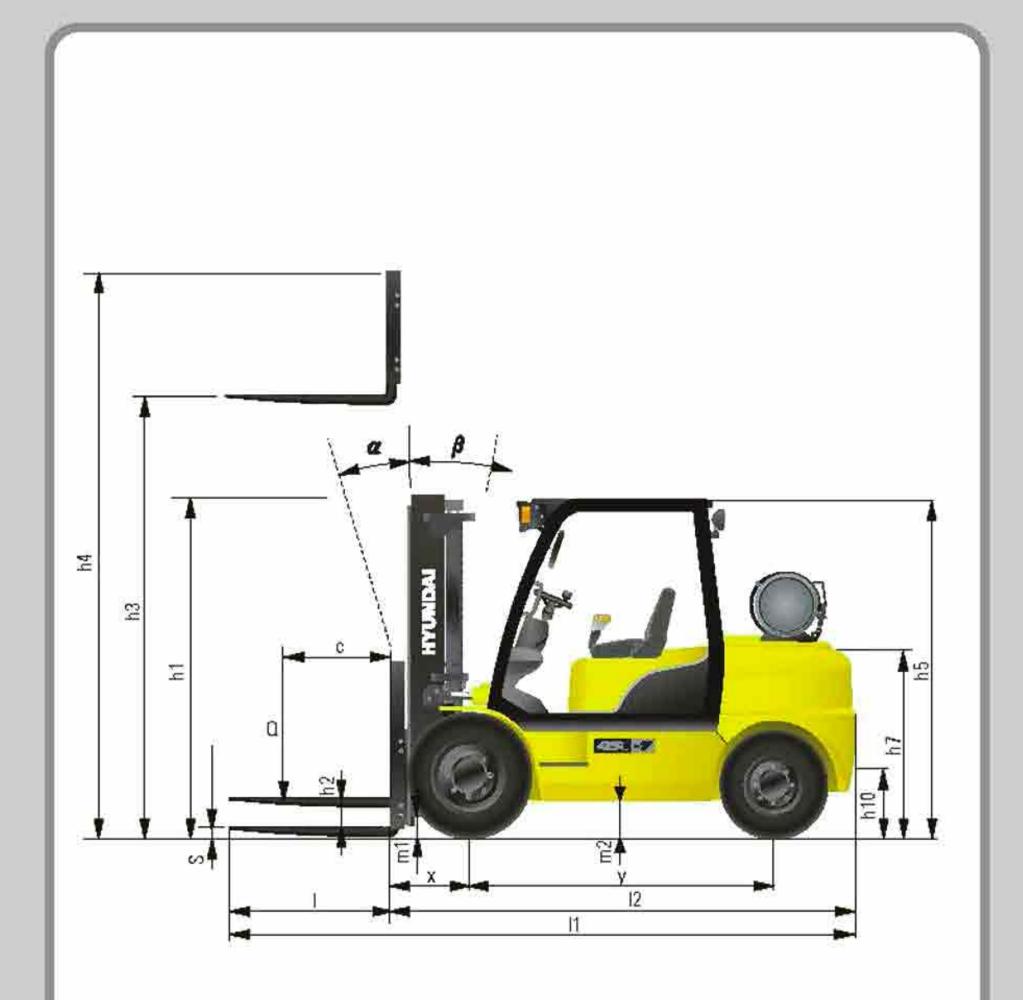
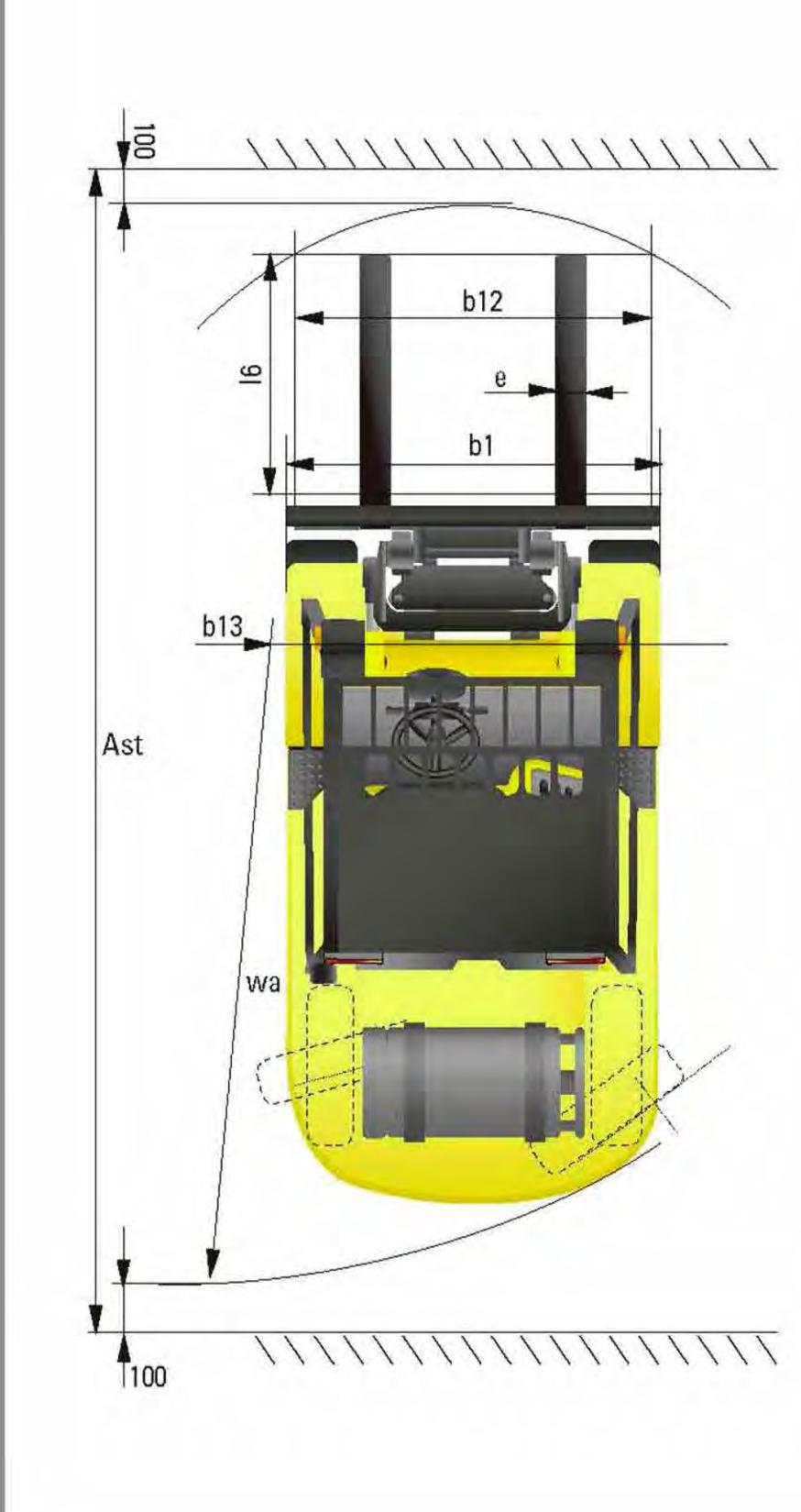
Dimension





| | | Sp | ecification | | | | | |
|-------|--|-----------|-----------------------|-----------------------|-----------------------|--|--|--|
| dent | ification | | | | | | | |
| 1.1 | Manufacturer | | Hyundai | Hyundai | Hyundai | | | |
| .1 | Manufacturer's type designation | | 35L-7 | 40L-7 | 45L-7 | | | |
| .3 | Drive: electric (battery or mains), diesel, petrol, fuel gas | e manual | LPG | LPG | LPG | | | |
| .4 | Type of operation:hand,pedestrian,standing,seated,o | | seated | seated | seated | | | |
| .5 | Load capacity / rated load | | 3,500 | 4,000 | 4,500 | | | |
| .6 | Load capacity / rated load Load center distance | kg (mm) | 600 | 600 | 600 | | | |
| | TANDAS II OZGANICKI SAKOZNOZGANI | c(mm) | 561 | 561 | 561 | | | |
| .8 | Load distance, center of drive axle to fork | x(mm) | 2,000 | 2,000 | 2,000 | | | |
| 1.9 | Wheelbase | y(mm) | 2,000 | 2,000 | 2,000 | | | |
| Neig | | Toma T | E C71 | C 241 | c cco | | | |
| 2.1 | Service weight | kg | 5,671 | 6,241 | 6,663 | | | |
| 2.2 | Axle loading, loaded front/rear | kg | 8,236 / 936 | 9,155 / 1,086 | 9,959 / 1,204 | | | |
| 2.3 | Axle loading, unloaded front/rear | kg | 2,704/2,967 | 2,833 / 3,408 | 2,847 / 3,816 | | | |
| | els, Chassis | | | | | | | |
| 3.1 | Tires:solid rubber, superelastic, pneumatic, poly | yurethane | Pneumatic | Pneumatic | Pneumatic | | | |
| 3.2 | Tires size, front(⊅x width) | - | 8.25-15-14 | 7.50-16-12 | 7.50-16-12 | | | |
| 3.3 | Tires size, rear(⊅x width) | | 7.00-12-12 | 7.00-12-12 | 7.00-12-12 | | | |
| 3.5 | Wheels, number front x rear (x=driven wheels) | | 2 x 2 | 4 x 2 | 4 x 2 | | | |
| 3.6 | Track width, front | mm | 1,162 | 1,312 | 1,312 | | | |
| 3.7 | Track width, rear | mm | 1,140 | 1,140 | 1,140 | | | |
| Basi | c Dimensions | | | | | | | |
| 4.1 | Mast / fork carriage tilt forward / backward ($lpha/eta$) | degrees | 8/10 | 8/10 | 8/10 | | | |
| 4.2 | Lowered mast height | h1 (mm) | 2,235 | 2,220 | 2,220 | | | |
| 4.3 | Free lift | h2 (mm) | 120 | 120 | 120 | | | |
| 4.4 | Lift height | h3 (mm) | 3,000 | 3,000 | 3,000 | | | |
| 4.5 | Extended mast height | h4 (mm) | 4,224 | 4,224 | 4,235 | | | |
| 4.7 | Overhead guard height (low opt/ std/ high opt) | h5 (mm) | 2,210 / 2,240 / 2,340 | 2,210 / 2,240 / 2,340 | 2,210 / 2,240 / 2,340 | | | |
| 4.8 | Seat height / standing height | h7 (mm) | 1,100 | 1,100 | 1,100 | | | |
| 1.12 | Coupling height | h10 (mm) | 364 | 364 | 364 | | | |
| 1.19 | Overall length | I1 (mm) | 4,140 | 4,195 | 4,405 | | | |
| 1.20 | Length to face of forks | 12 (mm) | 3,070 | 3,125 | 3,185 | | | |
| 1.21 | Overall width | b1 (mm) | 1,400 | 1,776 | 1,776 | | | |
| 1.22 | | | 1,070 x 122 x 50 | 1,070 x 150 x 50 | 1,220 x 150 x 50 | | | |
| 1.23 | | s/e/l(mm) | /A | /A | 1,220 X 130 X 30 | | | |
| 1.24 | Fork carriage ISO 2328, class / type A,B | h2/man | 1,300 | 1,600 | 1,600 | | | |
| 1.31 | Fork-carriage width | b3 (mm) | | | | | | |
| | Ground clearance, loaded, under mast | m1(mm) | 170 | 155 | 155 | | | |
| 1.32 | Ground clearance, centre of wheelbase | m2(mm) | 215 | 200 | 200 | | | |
| 1.33 | Aisle width for pallets 1,000x1,200 crossways (LxW) | Ast(mm) | 4,331 | 4,391 | 4,451 | | | |
| 1.34 | Aisle width for pallets 800x1,200 lengthways (WxL) | Ast(mm) | 4,351 | 4,411 | 4,471 | | | |
| 4.35 | Turning radius | Wa(mm) | 2,770 | 2,830 | 2,890 | | | |
| 4.36 | Smallest pivot point distance | mm | 996 | 996 | 996 | | | |
| | ormance Data | | | | | | | |
| 5.1 | Travel speed, unloaded | km/h | 24.6 | 23.2 | 23.2 | | | |
| 5.2 | Lift speed, loaded/ unloaded | mm/s | 510 / 530 | 510/530 | 510/530 | | | |
| 5.3 | Lowering speed, loaded/unloaded | mm/s | 500 / 450 | 500 / 450 | 500 / 450 | | | |
| 5.5 | Drawbar pull, loaded | kg | 3,755 | 4,066 | 4,088 | | | |
| 5.7 | Gradient performance, loaded/ unloaded | % | 40.9 | 39.5 | 36.0 | | | |
| 5.9 | Acceleration time, loaded/ unloaded(10m) | | - | | * | | | |
| 5.10 | Service brake | | Hydraulic | Hydraulic | Hydraulic | | | |
| Engir | ne . | | | | | | | |
| 6.1 | Engine manufacturer / type | | GM 4.3L | GM 4.3L | GM 4.3L | | | |
| 6.2 | Engine power acc. to ISO 1585 | kW | 67.7 | 67.7 | 67.7 | | | |
| 6.3 | Rated speed | 1/min | 2,300 | 2,300 | 2,300 | | | |
| 6.4 | No. of cylinder / cubic capacity | anz/cm³ | 4.294 | 4.294 | 4.294 | | | |
| 6.5 | Fuel consumption acc. To VDI cycle | ℓ/h | NA | NA NA | NA | | | |
| | r Details | W 1.1 | | 1.46.3 | 1374 | | | |
| 8.1 | Type of drive control | | Torque Converter 2/2 | Torque Converter 2/2 | Torque Converter 2/ | | | |
| 8.2 | Operating proceure (eyetom (attach) | hor | 210 | 210 | 210 | | | |
| 8.3 | Operating pressure (system / attach) | bar | 66 | 66 | 66 | | | |
| 8.4 | Oil volume Noise | 41-101 | 107 | 1000 | 107 | | | |
| 0.4 | Noise | db(A) | 107 | 107 | 107 | | | |

| Hyundai | |
|-----------------------|---------|
| 45L-7 | |
| LPG | |
| seated | |
| 4,500 | _ |
| 600 | - |
| 561 | <u></u> |
| 2,000 | - |
| 2,000 | |
| C CC2 | |
| 6,663 | - |
| 9,959 / 1,204 | _ |
| 2,847 / 3,816 | |
| | |
| Pneumatic | _ |
| 7.50-16-12 | _ |
| 7.00-12-12 | |
| 4 x 2 | 40 |
| 1,312 | |
| 1,140 | |
| | |
| 8/10 | _ |
| 2,220 | |
| LAM DE TOUR | - |
| 120 | |
| 3,000 | _ |
| 4,235 | _ |
| 2,210 / 2,240 / 2,340 | |
| 1,100 | |
| 364 | |
| 4,405 | |
| 3,185 | |
| 1,776 | |
| 1,220 x 150 x 50 | |
| IV/A | _ |
| 1,600 | |
| 155 | - |
| 53-527 | _ |
| 200 | |
| 4,451 | _ |
| 4,471 | |
| 2,890 | |
| 996 | |
| | |
| 23.2 | |
| 510/530 | - |
| | - |
| 500 / 450 | - |
| 4,088 | |
| 36.0 | |
| | |
| Hydraulic | |
| | |
| GM 4.3L | |
| 67.7 | |
| 2,300 | |
| 4.294 | |
| 4.234 NA | - |
| NA | |
| | |
| Torque Converter 2/2 | |
| | _ |
| 210 | |

AHYUNDAI FORKLIFT **HEAVY INDUSTRIES CO.,LTD.**

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+7(343) 310-22-20 (многоканальный)





35L/40L/45L-7

FORKLIFT TRUCKS Environmentally - Friendly



High Power & Performance

Powerful Engine

GM4.3L Engine

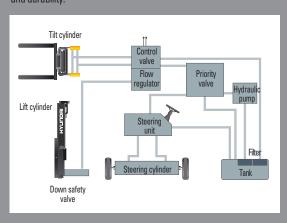
Market approved quality of GM4.3L engine ensures incomparable performance, durability and additional value to the machine. 67.7kW of the engine is more than enough to suit any work, not just with normal 67.7kW but with special attachments requiring high power as well.(EPA / CARB 2007 Regulation Certified)

67.7kW/2,300rpm



State-of-the-art hydraulic system

The latest large-capacity hydraulic system reacts quickly during operation, and a low-noise control valve increases both efficiency and durability.





Fast and stable performance

Being able to quickly raise and lower the mast, as well as tilt it forward and backward, providing the best operational conditions during unloading. When the truck is fully loaded, mast lowering speed is carefully controlled to ensure safety by the down control valve.

Faster travel speed & gradeability

The powerful high-output engine provides greater acceleration, better gradeability and faster travel speed on any tough terrain or slope.





Increased mast tilting angle

The mast tilting angle of 8 degrees forward and 10 degrees backward, the operator can safely and rapidly perform loading and unloading jobs.



Wet disc brake system

The wet disc brake system is virtually maintenance free and is enclosed to protect from dust and water.



Fully hydrostatic power steering

A hydraulic steering system always guarantees smooth and flexible steering, preventing overrun and kick-back.



OPSS (Operator Presence Sensing System)

Control of mast tilting, lifting and lowering is not possible through operation of the appropriate control when the operator is not in the normal position.(Option)

0.4

Comfortable Operation



Adjustable steering wheel

Steering wheel with horn button can be adjusted by a lever on the right-hand side for the most comfortable operator position.



Easy and safe shift lever

A single lever on the left side of the steering column gives the operator fast and easy controls of the direction.



Multi-function switch lever

Multi-functional switch lever gives easy access to lights and horn.



Quick response of operating control levers

Only minimal operator's effort is required for precise, safe and productive control.



Ergonomically positioned pedals

Based on human engineering, the accelerator, brake and inching pedals are optimally positioned for convenience while operating the equipment.



Cup holder & console box

Additional storage spaces are located inside the operating space for operator's convenience.

New high visibility for safe operation

The operator is able to work with increased safety and accuracy due to a wider view

Operator friendly gauges and waterresistant monitor panel



- Parking brake lamp
- ② Directional indicators
- @Fuel warning lamp Engine oil warning lamp
- warning lamp
- **③** Battery charging warning lamp
- Air cleaner filter warning light

- Working light indicator
- Water separator lamp (1) Pre-heater indicator
- **1** Water temperature gauge
- 12 Fuel gauge
- (1) Engine check lamp
- (5) Seat belt warning

Easily adjustable suspension seat

An attractive and adjustable seat, based on a human engineering design, provides great comfort, safety and durability.



Full floating overhead guard mount

The anti-vibration rubber is installed between the guard and truck frame to reduce the source of vibration and noise while driving. This not only reduces operator's fatigue but also increases safety.



Endurance & Safety

Strong overhead guard

The safety overhead guard exceeds EEC and ANSI regulations and protects the operator during hazardous jobs.



Parking brake

Toggle type parking brake requires less efforts from the operator to set.





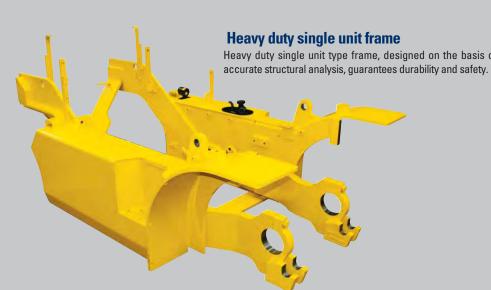
Highly durable split type drive axle

Powershift transmission provides fast travel speed and quiet travel under any heavy load condition, and boosts work efficiency.



Large footboard & hand grip

Wide"open"step offers convenience and safety when entering and exiting truck.





Easy access of electrical Components

Various electric parts are centralized in dash board resulting in improvement in maintenance.



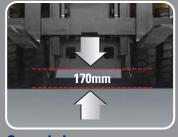
Expansion bellows

The expansion bellows absorbs vibration and reduces noise generated from the exhaust gas system and also extends the life cycle of exhaust gas system.



Bright, protected headlights

Bright, protected headlights is positioned for exceptional visibility.



Ground clearance

The engine and transmission are assembled horizontally and positioned high in the frame to protect expansive components during operation on rugged surface.

_____ 08

Durability **Easy** Maintenance



Electrically monitored air filter

Air cleaner sensor alerts the operator of a restricted air filter and allows replacement before damage.



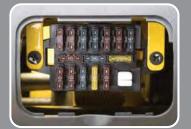
Easy maintenance oil check

The T/M oil level can be checked easily without any disassembly.



Brake fluid reservoir

Highly visible, easily accessible reservoir makes for quicker daily inspections.



An accessible, compact fuse box for easy inspection



Centralized design for easy service!

An ideal arrangement of component parts ensures easy accesses and conveniences for the maintenance.



Easy change air cleaner

The air filter is readily accessible for cleaning or replacement. (7inch Cyclone Type)



Portable side cover



Double battery installation



Aluminum radiator with superb protection against heat



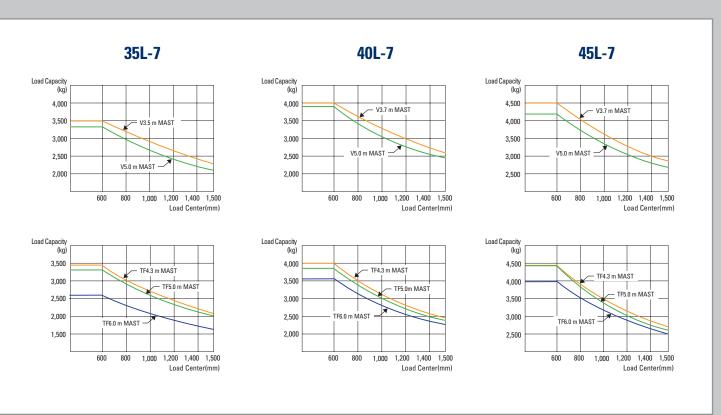
Quick and easy engine oil check

Mast Specification (35L/40L/45L-7)

| Mast Type | | Maximum Fork Height (mm) | Overall Height (Lowered) (mm) | | Free Lift Height (mm) | | Tilt Angle | Load Capacity without side shift at 600mm LC (kg) | | | | | Load Capacity with side shift at 600mmLC (kg) | | | | | Truck Weight (Unloaded) (kg) | | | | | | | |
|---------------------------------|-------|--------------------------------|----------------------------------|-------------------|-----------------------|---------------------|------------|---|-------|-------------|-------|-------------|---|-------|-------------|-------|-------|---------------------------------|-------|-------|-------------|-------|-------|-------|-------|
| | | | Single Tire | Double Tire | With Backrest | Without Backrest | (deg) | Single Tire | | Double Tire | | Single Tire | | | Double Tire | | | Single Tire | | | Double Tire | | | | |
| | | 35L/40L/ 45L-7 | 35L/40L/ 45L-7 | 35L/40L/ 45L-7 | 35L/40L/ 45L-7 | 35L/40L/ 45L-7 | Fwd/Bwd | 35L-7 | 40L-7 | 45L-7 | 35L-7 | 40L-7 | 45L-7 | 35L-7 | 40L-7 | 45L-7 | 35L-7 | 40L-7 | 45L-7 | 35L-7 | 40L-7 | 45L-7 | 35L-7 | 40L-7 | 45L-7 |
| 2-Stage limited free lift | V270 | 2,720 | 2,085 | 2,070 | 120 | 120 | 8/10 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 5,641 | 6,105 | 6,518 | 5,796 | 6,211 | 6,627 |
| | *V300 | 3,020 | 2,235 | 2,220 | 120 | 120 | 8/10 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 5,671 | 6,135 | 6,548 | 5,826 | 6,241 | 6,663 |
| | V330 | 3,320 | 2,385 | 2,370 | 120 | 120 | 8/10 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,450 | 3,500 | 4,000 | 4,450 | 5,709 | 6,173 | 6,586 | 5,864 | 6,279 | 6,695 |
| | V350 | 3,520 | 2,535 | 2,520 | 120 | 120 | 8/10 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,450 | 3,950 | 4,400 | 3,450 | 3,950 | 4,400 | 5,732 | 6,196 | 6,609 | 5,887 | 6,302 | 6,718 |
| | V370 | 3,720 | 2,635 | 2,620 | 120 | 120 | 8/10 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,400 | 3,900 | 4,350 | 3,400 | 3,900 | 4,300 | 5,752 | 6,216 | 6,629 | 5,907 | 6,322 | 6,738 |
| | V400 | 4,020 | 2,845 | 2,830 | 120 | 120 | 8/10 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,350 | 3,800 | 4,250 | 3,350 | 3,800 | 4,250 | 5,795 | 6,259 | 6,671 | 5,949 | 6,365 | 6,780 |
| | V450 | 4,520 | 3,095 | 3,080 | 120 | 120 | 6/6 | 3,450 | 3,900 | 4,350 | 3,450 | 3,950 | 4,400 | 3,250 | 3,700 | 4,100 | 3,250 | 3,700 | 4,100 | 5,907 | 6,371 | 6,784 | 6,062 | 6,477 | 6,893 |
| | V500 | 5,020 | 3,345 | 3,330 | 120 | 120 | 6/6 | 3,350 | 3,800 | 4,200 | 3,350 | 3,850 | 4,250 | 3,150 | 3,550 | 4,000 | 3,150 | 3,600 | 3,950 | 5,958 | 6,422 | 6,835 | 6,113 | 6,528 | 6,944 |
| 2-Stage full free lift | VF280 | 2,805 | 2,135 | 2,120 | 1,258 | 919 | 6/8 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 5,682 | 6,146 | 6,554 | 5,834 | 6,249 | 6,663 |
| | VF300 | 3,005 | 2,235 | 2,220 | 1,358 | 1,019 | 6/8 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 5,708 | 6,172 | 6,580 | 5,860 | 6,275 | 6,689 |
| | VF315 | 3,155 | 2,325 | 2,310 | 1,448 | 1,109 | 6/8 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,450 | 4,000 | 4,500 | 3,500 | 4,000 | 4,450 | 5,728 | 6,191 | 6,580 | 5,880 | 6,294 | 6,708 |
| 3-Stage full free lift | TF370 | 3,730 | 2,035 | 2,020 | 812 | 1,139 | 6/6 | 3,500 | 4,000 | 4,500 | 3,500 | 4,000 | 4,500 | 3,300 | 3,850 | 4,250 | 3,350 | 3,850 | 4,250 | 5,898 | 6,362 | 6,775 | 6,053 | 6,433 | 6,886 |
| | TF400 | 4,030 | 2,135 | 2,120 | 912 | 1,239 | 6/6 | 3,450 | 4,000 | 4,450 | 3,500 | 4,000 | 4,500 | 3,250 | 3,750 | 4,200 | 3,300 | 3,750 | 4,150 | 5,928 | 6,392 | 6,805 | 6,083 | 6,463 | 6,916 |
| | TF430 | 4,330 | 2,235 | 2,220 | 1,012 | 1,339 | 6/6 | 3,400 | 3,900 | 4,350 | 3,450 | 3,950 | 4,400 | 3,150 | 3,700 | 4,100 | 3,200 | 3,700 | 4,100 | 5,959 | 6,423 | 6,836 | 6,114 | 6,494 | 6,947 |
| | TF450 | 4,510 | 2,295 | 2,290 | 1,072 | 1,399 | 6/6 | 3,350 | 3,950 | 4,300 | 3,400 | 3,950 | 4,350 | 3,150 | 3,700 | 4,050 | 3,200 | 3,700 | 4,050 | 5,978 | 6,442 | 6,855 | 6,133 | 6,513 | 6,966 |
| | TF470 | 4,720 | 2,385 | 2,390 | 1,162 | 1,489 | 6/6 | 3,300 | 3,850 | 4,250 | 3,350 | 3,900 | 4,300 | 3,100 | 3,600 | 4,000 | 3,150 | 3,650 | 4,000 | 6,014 | 6,478 | 6,891 | 6,169 | 6,549 | 7,003 |
| | TF500 | 5,020 | 2,485 | 2,470 | 1,262 | 1,589 | 6/6 | 3,250 | 3,750 | 4,150 | 3,300 | 3,800 | 4,200 | 3,050 | 3,500 | 3,900 | 3,100 | 3,550 | 3,900 | 6,038 | 6,501 | 6,914 | 6,192 | 6,572 | 7,026 |
| | TF550 | 5,520 | 2,665 | 2,650 | 1,442 | 1,769 | 6/6 | 2,950 | 3,550 | 3,900 | 3,200 | 3,650 | 4,050 | 2,750 | 3,350 | 3,650 | 3,000 | 3,450 | 3,800 | 6,099 | 6,562 | 6,976 | 6,253 | 6,633 | 7,087 |
| | TF600 | 6,030 | 2,845 | 2,830 | 1,622 | 1,949 | 6/6 | 2,600 | 3,050 | 3,300 | 3,100 | 3,550 | 3,950 | 2,450 | 2,900 | 3,100 | 2,900 | 3,300 | 3,650 | 6,167 | 6,631 | 7,044 | 6,322 | 6,702 | 7,155 |

*Standard

Load Capacity



10 1