Standard & Option

| | | Specification | 25DE-9V | 30DE-9V | 35DE-9V | | | Specifica |
|-------------------|------------|--|---------|---------|---------|--------------|----------|-----------------------------|
| Т | OHG | Overhead Guard | • | • | • | | | 3 Spool MCV |
| | | Cabin | 0 | 0 | 0 | Hydraulics | мсу | 2,4 Spool MCV |
| | Cabin | Partial Cabin - Top, Top & Front & Rear & Wiper | 0 | 0 | 0 | Hydr | | 2,3,4 Spool MCV with O |
| | A/C | A/C and/or Heater | 0 | 0 | 0 | | | Pneumatic |
| | | Grammer, Orange Belt | 0 | 0 | 0 | Fires | Tires | Solid |
| ation | | Grammer, Orange Belt, Armrest, Buckle SW | 0 | 0 | 0 | Ē | nies | |
| Operation | | Grammer, Orange Belt, Armrest | • | • | • | | | Non-Marking |
| | Seat | Grammer, Orange Belt, Armrest, Buckle SW, Heat | 0 | 0 | 0 | | Lamp | Front LED |
| | | Non-suspension, Orange Belt | 0 | 0 | 0 | | | Front & Rear LED |
| | | Non-suspension, Orange Belt, OPSS | 0 | 0 | 0 | Visibility | Camera | Rear Camera |
| | | Rear Horn | 0 | 0 | 0 | Visib | Calliera | Front & Rear Camera |
| | Other | Extinguisher | 0 | 0 | 0 | | | Panorama Mirror |
| | | 2 Stage Mast - Standard(V330) | • | • | • | | Mirror | Panorama Mirror & Bad |
| | | 2 Stage Mast - Standard, Single full free(V, VF) | 0 | 0 | 0 | | | Load Sensor |
| | Mast | 3 Stage mast - Single full free(TF), Dual full free(TS) | 0 | 0 | 0 | | - | Auto Tilt |
| | | Attached Piping for 3, 4 MCVs & All Masts | 0 | 0 | 0 | | | Seat Belt Interlock |
| | Fork | Standard - 1,050mm | • | • | • | | | Master Switch |
| ment | TOIR | Options - 900mm~1,800mm | 0 | 0 | 0 | | | (Cut off electricity from I |
| ttach | Tilt | 6(FWD)/10(REV) | • | • | • | Safety | - | Hazard Switch |
| Mast & Attachment | | 6(FWD)/6(REV) | 0 | 0 | 0 | Sa | | LED Beacon Lamp |
| Ma | | Hook type | • | • | • | | | Safety lamp - Rear Blue |
| | Carriage | Hook Integral - Sideshift | 0 | 0 | 0 | | | OPSS (Travel, Travel & N |
| | | Integral Special - Sideshift + Fork Positioner | 0 | 0 | 0 | | | HYD Oil - VG 32 for Colo |
| | | Fork Positioner – Independent, Synchronized | 0 | 0 | 0 | ers | | HYD Oil Option - VG 68 |
| | Attachment | Side Shift (Hook type) | 0 | 0 | 0 | Others | - | VG15 f |
| | | Side Shift (Anching) | 0 | 0 | 0 | | | Pre-Cleaner |
| | | | | | | | | |

| | Specification | 25DE-9V | 30DE-9V | 35DE-9V |
|----------|--|---|---------|---------|
| | 3 Spool MCV | • | • | • |
| / | 2,4 Spool MCV | 0 | 0 | 0 |
| | 2,3,4 Spool MCV with OPSS | 0 | 0 | 0 |
| | Pneumatic | • | • | • |
| s | Solid | 0 | 0 | 0 |
| | Non-Marking | Image: Constraint of the sector of the se | 0 | |
| n | Front LED | • | • | • |
| p | Front & Rear LED | 0 | 0 | 0 |
| era | Rear Camera | 0 | 0 | 0 |
| aα | Front & Rear Camera | 0 | 0 | 0 |
| or. | Panorama Mirror | • | • | • |
| Dr | Panorama Mirror & Back Mirror LH/RH | 0 | 0 | 0 |
| | Load Sensor | 0 | 0 | 0 |
| | Auto Tilt | 0 | 0 | 0 |
| | Seat Belt Interlock | • | • | • |
| | Master Switch (Cut off electricity from Battery) | 0 | 0 | 0 |
| | Hazard Switch | 0 | 0 | 0 |
| | LED Beacon Lamp | 0 | 0 | 0 |
| | Safety lamp - Rear Blue, Red zone | 0 | 0 | 0 |
| | OPSS (Travel, Travel & Mast) | 0 | 0 | 0 |
| | HYD Oil - VG 32 for Cold Area | • | • | • |
| | HYD Oil Option - VG 68 for Tropical, VG15 for Cold Area | 0 | 0 | 0 |
| | Pre-Cleaner | 0 | 0 | 0 |

• STD / O OPT





30DE-9V series that satisfies both eco-friendliness and cost-effectiveness!

30DE-9V is an innovative product that satisfies EU Stage 5 Regulations and boasts of optimum fuel efficiency, compact frames, and excellent work performance. It satisfies both eco-friendliness and low TCO (Total Cost of Ownership).

| | D | HYUNDAI XITESOLUTIO |
|--|---|------------------------|
| | | |

www.hd-xitesolution.com

PRODUCT FEATURES OVERVIEW

VALUE

As times change, the standard for high performance should also change

Environment-Friendly

- Satisfies EU stage 5 regulations on gas and achieves both eco-friendliness and operating expenses reduction with improved fuel efficiency.
- HDI DN02 engines

Innovative cost-effectiveness and reliable durability

- T/M with excellent torque delivery capabilities
- Drive axles suitable for heavy duty application - Applied Wet disc & auto parking brake
- Selection of engine working mode - STD/PWD mode
- Wide work sight of the TS mast Option



- Forced seat belt wearing seat belt interlock Option
- Engine start limit password function

Outstanding operability ergonomics

- - Ergonomic pedal

Easy service

- Tool-less type Floor plate & Side cover

- Waterproof and dustproof fuse & relay box
- · Remote type engine oil filter



Enhanced safety

- Human error prevention auto-parking brake system
- HAC (Hill Start Assist Control)
- OPSS travel, lift, and tilt lock

- New digital-type cluster with MCU function
- Hanging-type brake and inching pedal
- Lightweight and Comfortable Steer Handle
- HPS system + reduced diameter of steer handle
- Cabin Transforms Outdoor Use for Indoor Environments Option
- New air conditioner with enhanced air flow Option
- New heater with defrost function Option

- Additional features of the cluster with MCU
- Engine failure diagnosis and history check
- Management of consumable replacement cycle
- DOC & DPF management without weight disintegration

ENVIRONMENT FRIENDLY GREAT PRODUCTIVITY, DURABILITY

PERFORMANCE

Eco-friendly engine and powertrain with significantly increased performance and durability!

Experience newly changed performance.



Powerful & efficient HDI Engine

HDI DN02 engine is the optimal engine that requires high torque in low rpm, and one that satisfies EURO Stage V emission regulation.

- * Use of Germany's BOSCH Fuel system: common rail & ECU (DPF: DOC)
- * Use of timing chain : Superb durability

* Use of HLA system : Valve clearance check is not required * Easy maintenance : Remote type oil filter & simple fuel line (Without feed pump)

* Rated Power(kW/rpm) : 49.1/2,300 * MAX Torque(kg-m/rpm) : 25.0/1,600

Power shift - Transmission

A high-capacity clutch pack and a torque converter with excellent torque conversion efficiency are applied to transmission for heavy-duty work with frequent push mode and for successful driving on poor roads.



Durability Drive axle

The drive axle with a wet disc is designed for heavyduty applications. Plus, it comes standard with an auto parking brake system to prevent human error.



35DE-9V'

25/30D **35DE-9V**



Engine performance Up/Down

Drivers can select engine power according to their work environment conveniently with the STD/PWD button located on the dashboard. Moreover, they can save over 4% more in fuel cost when selecting STD mode than when selecting PWD mode.



Wide work sight of the 3-stage mast-TS mast Option

Usually, the 3-stage mast causes some inconvenience in securing a clear front view due to the primary cylinder in the center. The 3-stage TS mast provides wider work sight by placing the primary cylinder on the left and right sides.



ENHANCED SAFETY

SAFETY

Safety at the logistics site is most important! Safety is backed by complete reliability

HYUNDAI



Auto-parking brake

When the engine stops or OPSS starts, the parking brake is automatically activated to prevent human errors. If the driver needs to use the parking brake while the engine is running, driver can apply/release the brake using a dedicated button.



Hill start assist control

When the forklift stops while climbing a sloped road, the automatic parking brake is temporarily applied to prevent the forklift from rolling back when moving again. This safety feature is very useful when transporting heavy cargo on a sloped road.



Operator presence sensing system

The OPSS restricts driving, lifting, and tilting in when the operator leaves the driver's seat in order to prevent safety accidents.



Seat belt interlock – forced belt wearing Option

The seat belt interlock system, which restricts forklift operation when the seat belt–wearing order is not observed or the operator releases the belt while driving, prevents operator injury from safety accidents that may occur when the seat belt is not fastened.



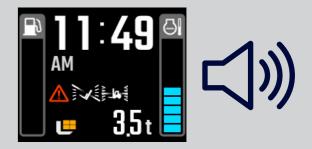
Speed limit

The maximum driving speed can be set to prevent safety accidents caused by exceeding the speed limit. Even though the maximum driving speed is set, hill-climbing ability and mast working performance are maintained at the highest level.



Overload operation warning – Load sensing system Option

Cargo weight measurement function configured with pressure sensor of lift line and cluster program provides real-time indication of weight of lifted cargo and prompts a warning on the cluster in case of overloading to remind the operator of safety.



Password setting – Startup restriction

A function of password input on the cluster applies for preventing safety accident or damage that may take place on the equipment when any unauthorized operator or administrator operates the equipment. (Up to ten passwords are allowed.)



OUTSTANDING OPERABILITY ERGONOMICS

CONVENIENCE

Improving work efficiency to the next level with consistent convenience in any environment





Multi-functional digital color monitor

The size of the key information displayed on the color LCD window is increased. Various additional features are also available as the MCU is integrated with the cluster. Considering the Optionion selection by the customer, Hi-MATE support function and seat belt interlock module are installed.



Ergonomic pedal

The work pedal structure is changed to the hanging type and ergonomically rearranged in consideration of the driver's convenience.



Steering handle

The hydraulic power steering system and the 70mmreduced diameter of the steer handle significantly reduce operator fatigue during long working hours.





Full-suspension seat-Grammer

The full suspension seat of Grammer of Germany has an adjustable cushion depending on the weight of the driver, and convenience specifications such as seat belt switch, arm rests, and heater are optional.



Cabin Option

With wide field of vision and easy-to-open/shut cabin doors, D-9V's cabin provides a pleasant driving environment. Furthermore, its modularized design reduces post management costs.



Air con / Heater Option

① The air conditioner has four air outlets that prevent the blow of cold air from being directed to a particular the body.

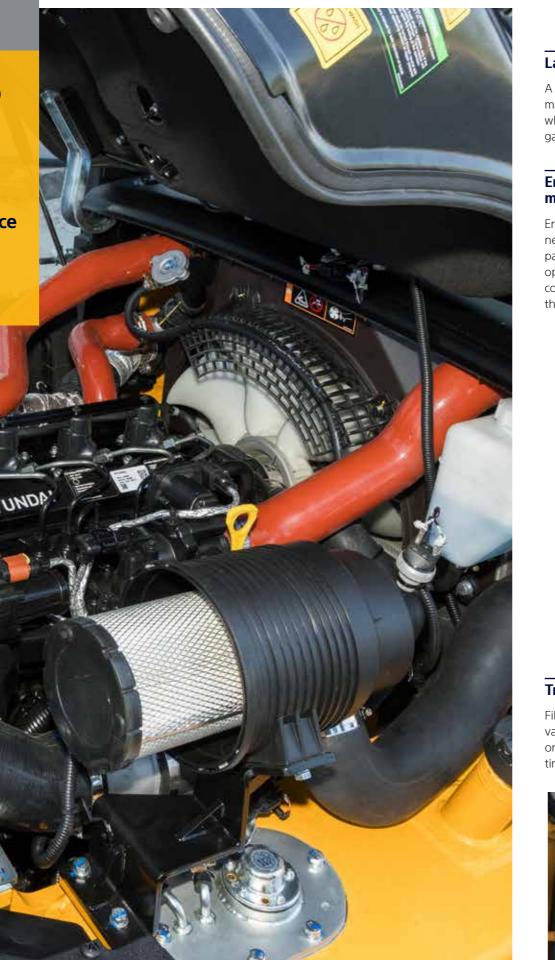
(2) The heaters supplies warm air separately to the operator's upper and lower body. A discharge port for removing moisture and frost has been added.



MAINTENANCE

Easy maintenance and cost-effective after-sales service

Even though the work is finished, the satisfaction continues.



Larger maintenance space

A lager work space is provided for the follow–up management of consumables and major function parts when you open the engine hood) supported with two gas springs, tool less type side cover and floor plate.

Engine diagnosis and consumable maintenance

Engine failure can be checked in clusters without the need for a separate engine diagnostic tool, and the parts to be replaced are displayed in the cluster during operation when the replacement timing of all consumables requiring periodic maintenance is set in the cluster.

| XAC | tive Fa | ult |
|---------------|----------------------------------|---------------|
| DTC 0141 | SPN 110 | FMI 4 |
| Temper | Coolant rature Ser too Low | nsor |
| | | |
| 💥 En | gine oil | & filt |
| 🔀 En Cycle | Č | & filt 500 |
| Cycle | Č | |

Transmission maintenance

Filters that need regular replacement and control valves that require frequent maintenance are placed on the top of the transmission, minimizing maintenance time.





LED lamp

LED lamps with semipermanent life are applied to the front and rear work lamps and the rear combination lamps, increasing the inspection cycle and reducing the cost.



Junction Box & Remote type Engine oil filter

The fuses and relays that are vulnerable to contamination are placed inside a box with enhanced waterproof and dustproof functions. And engine oil filter is separated from the engine assembly and configured as a remote type to improve convenience of oil change.



Counter weight cover

By removing the cover behind the counterweight, the exhaust gas aftertreatment system can be serviced without removing the heavy counterweight. The DPF added for Stage 5 must be removed and cleaned internally every 3,000 hours.



Specification

| dent | ification | | | | |
|------------|--|----------------|--------------------|---------------------|---------------------|
| | Manufacturer | | | Hyundai | |
| | Manufacturer's Type Designation | | 25DE-9V | 30DE-9V | 35DE-9V |
| 1.1 | Drive: Electric (Battery or Mains), Diesel, Petrol, Fuel Gas, Manual | | DIESEL | DIESEL | DIESEL |
| 1.2 | Type Of Operation : Hand, Pedestrian, Standing, Seated, Order-Picker | | Seated | Seated | Seated |
| 1.3 | Load Capacity / Rated Load | kg | 2,500 | 3,000 | 3,500 |
| 1.4 | Load center distance | c (mm) | 500 | 500 | 500 |
| 1.5 | Load distance, center of front axle to fork | x (mm) | 468 | 468 | 468 |
| 1.6 | Wheelbase | y (mm) | 1,650 | 1,700 | 1,700 |
| Veig | hts | | | 1 | I |
| 2.1 | Service Weight | kg | 3,657 | 4,151 | 4,516 |
| 2.2 | Axle Loading, Loaded Front / Rear | kg | 5,463/694 | 6,327/824 | 6,988/1,028 |
| 2.3 | Axle Loading, Unloaded Front / Rear | kg | 1,488/2,168 | 1,610/2,541 | 1,485/3,031 |
| | els, Chassis | | .,, | | .,, |
| 3.1 | Tires: Solid Rubber(V), Superelastic(SE), Pneumatic(P), Polyurethane(PE) | | Р | Р | Р |
| 3.1 3.2 | Tires Size, Front | | 7.00-12-14PR | 28x9-15-16PR | 28x9-15-16PR |
| 3.2 3.3 | Tires Size, Front | | | 6.50-10-12PR | |
| 3.3 3.5 | Tires Size, Rear Wheels, Number Front Rear (x=Driven Wheels) | | 6.00-9-10PR 2x2 | 0.50-10-12PR 2x2 | 6.50-10-12PR 2x2 |
| 3.5 3.6 | Track Width. Front | b10 (mm) | 965 | 1.005 | 1,005 |
| 3.0 3.7 | Track Width, Front Track Width, Rear | b10 (mm) | 980 | 980 | 980 |
| | | | 900 | 900 | 980 |
| | Dimensions | | | | |
| 4.1 | Mast/Fork Carriage Tilt Forward / Backward | degrees | 6/10 | 6/10 | 6/10 |
| 4.2 | Lowered Mast Height | h1 (mm) | 2,230 | 2,230 | 2,230 |
| 4.3 | Free Lift | h2 (mm) | 155 | 155 | 155 |
| 4.4 | Lift Height | h3 (mm) | 3,305 | 3,305 | 3,305 |
| 4.5 | Extended Mast Height | h4 (mm) | 4,485 | 4,485 | 4,485 |
| 4.7 | Overhead Load Guard (Cab) Height | h5 (mm) | 2,160 | 2,180 | 2,180 |
| 4.8 | Seat Height / Standing Height (SIP) | h7 (mm) | 1,185 | 1,205 | 1,205 |
| 4.12 | Coupling Height | h10 (mm) | 283 | 299 | 299 |
| 4.19 | Overall Length | l1 (mm) | 3,685 | 3,742 | 3,827 |
| 4.20 | Length to Face of Forks | l2 (mm) | 2,635 | 2,692 | 2,777 |
| 4.21 | Overall Width | b1 (mm) | 1,215 | 1,230 | 1,230 |
| 1.22 | Fork Dimensions (H x W x L) | l x e x s (mm) | 45x100x1,050 | 45x122x1,050 | 45x122x1,050 |
| 4.23 | Fork Carriage ISO 2328, Class / Type A,B | | II/A | III/A | III/A |
| 1.24 | Fork-Carriage Width (with backrest) | b3 (mm) | 1,102 | 1,098 | 1,098 |
| 4.31 | Ground Clearance, Under Mast | m1 (mm) | 130 | 145 | 145 |
| 4.32 | Ground Clearance, Centre of Wheelbase | m2 (mm) | 168.5 | 190.5 | 190.5 |
| .34.1 | Aisle Width for Pallets 1000x1200 Crossways | Ast (mm) | 3,981 | 4,066 | 4,123 |
| .34.2 | Aisle Width for Pallets 800x1200 Lengthways | Ast (mm) | 4,181 | 4,266 | 4,323 |
| 4.35 | Turning Radius | Wa (mm) | 2,355 | 2,437 | 2,515 |
| erfo | ormance Data | | | | |
| 5.1 | Travel Speed, Loaded / Unloaded | km/h | 18.1/18.8 | 17.8/18.8 | 17.5/18.8 |
| 5.2 | Lift Speed, Loaded / Unloaded | mm/s | 550/580 | 460/500 | 460/500 |
| 5.3 | Lowering Speed, Loaded /Unloaded | mm/s | 530/425 | 530/425 | 530/425 |
| 5.6 | Max. Drawbar Pull, Loaded / Unloaded | N | 23,442/22,912 | 23,559/22,814 | 23,706/22,745 |
| 5.8 | Max. Gradeability, Loaded / Unloaded | % | 36.2/21.4 | 31.1/20.7 | 27.8/18 |
| 5.10 | Service Brake | | Hydraulic | Hydraulic | Hydraulic |
| ngin | le <u> </u> | | | | |
| 7.1 | Engine Manufacturer / Type | | HDI DN02 | HDI DN02 | HDI DN02 |
| 7.2 | Engine Power Acc. to ISO 1585 | kW/rpm | 49.1/2,300 | 49.1/2,300 | 49.1/2,300 |
| 7.3 | Maximum Torque | kgf.m/rpm | 25/1,600 | 25/1,600 | 25/1,600 |
| 7.4 | No. of Cylinders / Displacement | EA/cc | 4/2,392 | 4/2,392 | 4/2,392 |
| 7.5 | Fuel Consumption Acc. to VDI Cycle | l/h | 5.2 | 5.4 | 5.7 |
| ddit | ion Data | | | | |
| 8.1 | Type of drive control | | Power Shift | Power Shift | Power Shift |
| 8.2 | Operating pressure, system / attachments | bar | 210/160 | 210/160 | 210/160 |
| 0.2 | סאביסטווש איבסטורב, סאסובוודד מנומבו ווווכרונס | LPM | 36 | 210/100 | 210/100 |

Load Capacity

P

(kg)

⋧

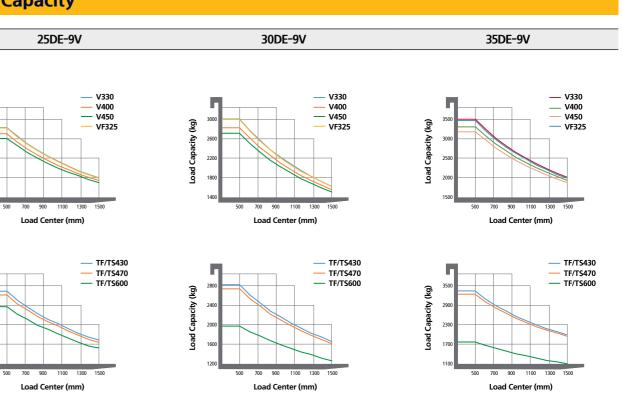
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Load

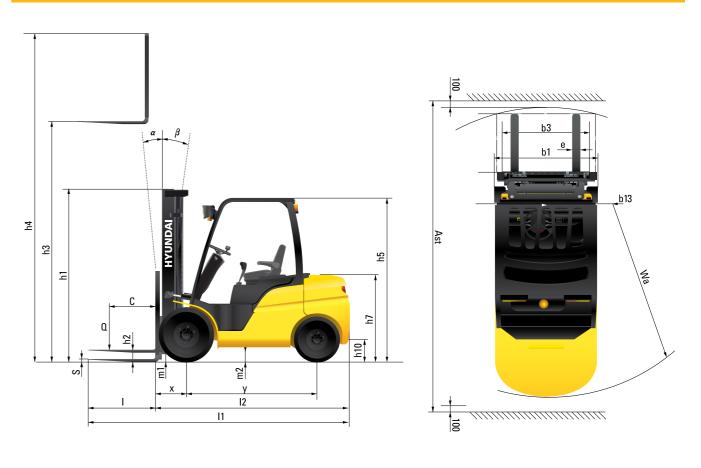
city (kg)

Capa

Load



Dimension



| | | | 250 | E-9V | | | | |
|---------------------------|-------|--------------------------------------|--------|------------------|------------|-----|---------------|----------------------------|
| Mast Type | | Maximum Overall Heigh Fork Height | | Free Lift Height | Tilt Angle | | Load capacity | Truck Weight (Unloaded) |
| | | Single | Single | | Fwd | Bwd | Single Tire | Single |
| | | mm | mm | mm | deg | deg | kg | kg |
| | V300 | 3,000 | 2,025 | 155 | 6 | 10 | 2,500 | 3,325 |
| 2.5 | V330 | 3,300 | 2,175 | 155 | 6 | 10 | 2,500 | 3,344 |
| 2 Stage Standard | V400 | 4,000 | 2,575 | 155 | 6 | 10 | 2,500 | 3,402 |
| Standard | V450 | 4,500 | 2,875 | 155 | 6 | 6 | 2,500 | 3,463 |
| | V500 | 5,000 | 3,125 | 155 | 6 | 6 | 2,500 | 3,497 |
| | VF295 | 2,976 | 2,025 | 1,377 | 6 | 6 | 2,500 | 3,325 |
| 2 Stage Full Free Lift | VF325 | 3,276 | 2,175 | 1,527 | 6 | 6 | 2,500 | 3,344 |
| Tull Tree Lift | VF345 | 3,476 | 2,275 | 1,627 | 6 | 6 | 2,500 | 3,357 |
| | TF430 | 4,300 | 2,025 | 1,377 | 6 | 6 | 2,500 | 3,471 |
| | TF450 | 4,500 | 2,125 | 1,477 | 6 | 6 | 2,500 | 3,488 |
| | TF470 | 4,700 | 2,175 | 1,527 | 6 | 6 | 2,500 | 3,497 |
| | TF500 | 5,000 | 2,275 | 1,627 | 6 | 6 | 2,500 | 3,515 |
| | TF550 | 5,500 | 2,475 | 1,827 | 6 | 6 | 2,500 | 3,552 |
| 3 Stage | TF600 | 6,000 | 2,675 | 2,027 | 6 | 6 | 2,500 | 3,632 |
| Full Free Lift | TS430 | 4,300 | 2,025 | 1,377 | 6 | 6 | 2,500 | 3,487 |
| | TS450 | 4,500 | 2,125 | 1,477 | 6 | 6 | 2,500 | 3,503 |
| | TS470 | 4,700 | 2,175 | 1,527 | 6 | 6 | 2,500 | 3,513 |
| | TS500 | 5,000 | 2,275 | 1,627 | 6 | 6 | 2,500 | 3,532 |
| | TS550 | 5,500 | 2,475 | 1,827 | 6 | 6 | 2,500 | 3,568 |
| | TS600 | 6,000 | 2,675 | 2,027 | 6 | 6 | 2,500 | 3,649 |

| | | | 350 | E-9V | | | | |
|---------------------------|-------|------------------------|-------|-------|------------|-------------|---------------|----------------------------|
| Mast Type | | Maximum Fork Height | | | Tilt Angle | | Load capacity | Truck Weight (Unloaded) |
| | | Single | | Fwd | Bwd | Single Tire | Single | |
| | | mm | mm | mm | deg | deg | kg | kg |
| | V300 | 3,000 | 2,040 | 155 | 6 | 10 | 3,500 | 4,131 |
| | V330 | 3,300 | 2,190 | 155 | 6 | 10 | 3,000 | 4,150 |
| 2 Stage Standard | V400 | 4,000 | 2,590 | 155 | 6 | 10 | 3,000 | 4,208 |
| Stanuaru | V450 | 4,500 | 2,890 | 155 | 6 | 6 | 3,000 | 4,268 |
| | V500 | 5,000 | 3,140 | 155 | 6 | 6 | 3,000 | 4,303 |
| | VF295 | 2,976 | 2,040 | 1,392 | 6 | 6 | 3,000 | 4,124 |
| 2 Stage Full Free Lift | VF325 | 3,276 | 2,190 | 1,542 | 6 | 6 | 3,000 | 4,143 |
| Tuil Tree Lift | VF345 | 3,476 | 2,290 | 1,642 | 6 | 6 | 3,000 | 4,156 |
| | TF430 | 4,300 | 2,040 | 1,392 | 6 | 6 | 3,000 | 4,270 |
| | TF450 | 4,500 | 2,140 | 1,492 | 6 | 6 | 3,000 | 4,287 |
| | TF470 | 4,700 | 2,190 | 1,542 | 6 | 6 | 3,000 | 4,296 |
| | TF500 | 5,000 | 2,290 | 1,642 | 6 | 6 | 3,000 | 4,314 |
| | TF550 | 5,500 | 2,490 | 1,842 | 6 | 6 | 3,000 | 4,351 |
| 3 Stage | TF600 | 6,000 | 2,690 | 2,042 | 6 | 6 | 3,000 | 4,431 |
| Full Free Lift | TS430 | 4,300 | 2,025 | 1,377 | 6 | 6 | 3,000 | 4,302 |
| | TS450 | 4,500 | 2,125 | 1,477 | 6 | 6 | 3,000 | 4,299 |
| | TS470 | 4,700 | 2,175 | 1,527 | 6 | 6 | 3,000 | 4,309 |
| | TS500 | 5,000 | 2,275 | 1,627 | 6 | 6 | 3,000 | 4,328 |
| | TS550 | 5,500 | 2,475 | 1,827 | 6 | 6 | 3,000 | 4,364 |
| | TS600 | 6,000 | 2,675 | 2,027 | 6 | 6 | 3,000 | 4,444 |

| | | | 300 | E-9V | | | | |
|---------------------------|-------|------------------------|----------------|-----------------------|------------|-----|---------------|----------------------------|
| Mast Type | | Maximum Fork Height | Overall Height | t Free Lift Height | Tilt Angle | | Load capacity | Truck Weight (Unloaded) |
| | | Single | Single | | Fwd | Bwd | Single Tire | Single |
| | | mm | mm | mm | deg | deg | kg | kg |
| | V300 | 3,000 | 2,040 | 155 | 6 | 10 | 3,000 | 3,767 |
| | V330 | 3,300 | 2,190 | 155 | 6 | 10 | 3,000 | 3,786 |
| 2 Stage Standard | V400 | 4,000 | 2,590 | 155 | 6 | 10 | 3,000 | 3,844 |
| Standard | V450 | 4,500 | 2,890 | 155 | 6 | 6 | 3,000 | 3,904 |
| | V500 | 5,000 | 3,140 | 155 | 6 | 6 | 3,000 | 3,939 |
| | VF295 | 2,976 | 2,040 | 1,392 | 6 | 6 | 3,000 | 3,760 |
| 2 Stage Full Free Lift | VF325 | 3,276 | 2,190 | 1,542 | 6 | 6 | 3,000 | 3,779 |
| Tull Tree Lift | VF345 | 3,476 | 2,290 | 1,642 | 6 | 6 | 3,000 | 3,792 |
| | TF430 | 4,300 | 2,040 | 1,392 | 6 | 6 | 3,000 | 3,906 |
| | TF450 | 4,500 | 2,140 | 1,492 | 6 | 6 | 3,000 | 3,923 |
| | TF470 | 4,700 | 2,190 | 1,542 | 6 | 6 | 3,000 | 3,932 |
| | TF500 | 5,000 | 2,290 | 1,642 | 6 | 6 | 3,000 | 3,950 |
| | TF550 | 5,500 | 2,490 | 1,842 | 6 | 6 | 3,000 | 3,987 |
| 3 Stage | TF600 | 6,000 | 2,690 | 2,042 | 6 | 6 | 3,000 | 4,067 |
| Full Free Lift | TS430 | 4,300 | 2,025 | 1,377 | 6 | 6 | 3,000 | 3,938 |
| | TS450 | 4,500 | 2,125 | 1,477 | 6 | 6 | 3,000 | 3,935 |
| | TS470 | 4,700 | 2,175 | 1,527 | 6 | 6 | 3,000 | 3,945 |
| | TS500 | 5,000 | 2,275 | 1,627 | 6 | 6 | 3,000 | 3,964 |
| | TS550 | 5,500 | 2,475 | 1,827 | 6 | 6 | 3,000 | 4,000 |
| | TS600 | 6,000 | 2,675 | 2,027 | 6 | 6 | 3,000 | 4,080 |