

Standard & Option

| | | Details | 25BC-9U | 30BC-9U | 32BC-9U | |
|--|-----------------------------------|--|---|-----------|---------|---|
| OPERATION ROOM | OHG | Standard Over head guard (Height : 88.2 Inch) | ● | ● | ● | |
| | | Low Over head guard (Height : 85.2 Inch) | ○ | ○ | ○ | |
| | Seat | Grammer, OPSS, Orange Belt, S/S(Seat Switch), B/S(Buckle Switch), Vinyl | ○ | ○ | ○ | |
| | | Grammer, OPSS, Orange Belt, S/S, B/S, Arm Rest, Vinyl | ● | ● | ● | |
| | | Grammer, OPSS, Orange Belt, S/S, B/S, Arm Rest(LH), Vinyl | ○ | ○ | ○ | |
| | | Non-susp., OPSS, Orange Belt, S/S, B/S, Vinyl | ○ | ○ | ○ | |
| | | Seatbelt Interlock | ○ | ○ | ○ | |
| | Others | Rear Horn | ○ | ○ | ○ | |
| | | Switch Knob with Direction & Horn Switch | ○ | ○ | ○ | |
| | MAST & ATTACHMENTS | Mast | 3 Stage Mast - Single Full Free TF - Standard : 185 Inch | ● | ● | ● |
| 2 Stage Mast - Standard V - Options : 82 / 118 / 130 / 138 / 146 / 157 / 177 Inch | | | ○ | ○ | ○ | |
| 3 Stage Mast - Single Full Free TF - Options : 169 / 177 / 197 / 217 / 236 / 256 / 276 Inch | | | ○ | ○ | ○ | |
| 4 Stage Mast - Single Full Free QF - Options : 240 / 276 Inch | | | ○ | ○ | ○ | |
| Fork | | Length - 41 Inch | ● | ● | ● | |
| | | Length -2.0ton: 35 / 39 / 42 / 47 / 53 / 59 / 65 / 71 / 83 Inch -3.0 / 3.2ton: 35 / 41 / 45 / 47 / 53 / 59 / 65 / 71 / 78 / 83 / 91 Inch | ○ | ○ | ○ | |
| Carriage | | Standard Hook | ● | ● | ● | |
| | | Integral Sideshift | ○ | ○ | ○ | |
| Tilting | | Front 6° / Back 8° | ○ | ○ | ○ | |
| | | Front 6° / Back 5° | ● | ● | ● | |
| | | Front 3° / Back 3° | ○ | ○ | ○ | |
| | | Bottler's Tilt (Front 10° / Back 6°) | ○ | ○ | ○ | |
| Attachment | | Side Shift | ○ | ○ | ○ | |
| | | Side Shift with Fork Positioner | ○ | ○ | ○ | |
| Others | | Auto Tilt | ○ | ○ | ○ | |
| | | Manual : Clamp Interlock (3SP / 4SP) Fingertip : Clamp Interlock 4SP Only | ○ | ○ | ○ | |
| | | Load Sensor | ● | ● | ● | |
| | | | | | | |
| | | Details | 25BC-9U | 30BC-9U | 32BC-9U | |
| | | BATTERY | Battery & Charger | Lead Acid | ● | ● |
| | Li-Ion | | | ○ | ○ | ○ |
| | Frame Type | | Standard - Battery Removable In Only An Upward Direction | ● | ● | ● |
| | | | Option - Battery Removable In Both Upward & Side Diretions | ○ | ○ | ○ |
| | HYDRAULIC | MCV & Piping | 3 Spool MCV | ● | ● | ● |
| | | | 4 Spool MCV | ○ | ○ | ○ |
| | | | Mast Option Spool for All MCVs & Masts (V / TF / QF) | ○ | ○ | ○ |
| | | Lever | Lever - General | ● | ● | ● |
| | | | Lever - Fingertip | ○ | ○ | ○ |
| | TIRE | Hyd. oil | VG 46 Oil | ● | ● | ● |
| | | | VG 68 Oil for Tropical Area | ○ | ○ | ○ |
| | | | VG 15 Oil for Cold Area | ○ | ○ | ○ |
| | | Tires | Cushion Tire (Lug Pattern) | ● | ● | ● |
| | | | Cushion Tire (Smooth Pattern) | ○ | ○ | ○ |
| | Non Marking Tire (Lug Pattern) | | ○ | ○ | ○ | |
| | Non Marking Tire (Smooth Pattern) | | ○ | ○ | ○ | |
| | VISIBILITY | Lamp | Front LED Lamp | ● | ● | ● |
| | | | Front & Rear LED Lamp | ○ | ○ | ○ |
| | | | Turn signal / Combination lamp | ○ | ○ | ○ |
| | | | | | | |
| Safety Special Lamp | | LED Beacon Lamp | ○ | ○ | ○ | |
| | | Redzone | ○ | ○ | ○ | |
| | | Blue Spot (Rear or Front Only) | ○ | ○ | ○ | |
| | | Redzone + Blue Spot (Rear) | ○ | ○ | ○ | |
| | | Redzone + Blue Spot (Front) | ○ | ○ | ○ | |
| TELEMATIC SERVICE | Telematics | Blue Spot (Front + Rear) | ○ | ○ | ○ | |
| | | Redzone + Blue Spot (Front + Rear) | ○ | ○ | ○ | |
| | | Hi MATE (Basic) | ○ | ○ | ○ | |
| | | Hi MATE (Premium) | ○ | ○ | ○ | |
| | | | | | | |

● STD / ○ OPT



25/30
32BC-9U

9 Series Battery Forklift Truck



HYUNDAI BC-9U Series, a game changer that perfectly satisfied on-site needs in the electric vehicle market

The upgraded BC-9U series, equipped with a lithium-ion battery that reflects the VOC of the user site and market trends, continues to impress customers with its compatibility, high level of TCO implementation, reliability, and improved driving convenience.

PRODUCT FEATURES OVERVIEW

ALL YOU NEED IS, BC-9U

Release of the BC-9U series,
an icon of innovation

Outstanding Productivity

- Enhanced energy efficiency by 16%
- Compatibility with local lithium-ion battery
- Outstanding reliability and durability
– New Drive axle & Wet Disc Brake
- Minimum turning radius decreased by 4.4" (30BC-9U)
- CURTIS controller with optimized electric current control algorithm
- Optimized mast working speed : 6% increased

■ The BC-9U series has a New controller, Drive axle and optimized working performance

16%

16% Energy efficiency by compared with BC-9

■ Decrease in turning radius through reduction in counter weight volume and rear overhang

4.4"

4.4" Reduced (30BC-9U)



Improved Convenience

- Leg room space increased 30mm (floor Plate to SIP)
- Improved response time and fine-tuning control of fingertip **Option**
- A new cluster with superior visibility that can be manipulated
- Noise in the driver's seat is reduced by 6.7dB
- Full suspension seat – Grammer
- Steer Handle – Reduction in operating force and noise, improvement in lock-up occurrence

Maximized Safety

- Speed limit can be set
- Seat belt interlock– Forced belt wearing **Option**
- Operator presence sensing system(OPSS)
- Safety warning lamp– Beacon lamp, Blue spot, Red zone **Option**
- Over load operating warning
– Load sensing system **Option**
- Clamp interlock **Option**
- Password setting – Startup restriction

Economical follow up management

- Controller with high reliability and self-diagnosis capability
- Battery bottom cover – Protect from battery acid
- Front & Side adjustable battery stopper
- Controller mounted on the frame's RH side
– Improved Accessibility
- Easy rear tire change
- Hi MATE– Remote control system **Option**

ENVIRONMENT FRIENDLY
GREAT PRODUCTIVITY, DURABILITY

Outstanding Productivity

Productivity is increased with optimized vehicle performance

With enhanced lithium-ion battery mounting compatibility, significantly improved energy efficiency and mast performance function, and reduced working radius, the BC-9U has been upgraded focusing on the TCO.



Energy consumption levels that are quite revolutionary

As the result of the optimized algorithm for controlling the current value input to the motor, the application of the new controller the optimization of the maximum travel speed, and the improvement of mast working speed and energy efficiency has been enhanced by 16% compared to that of the BC-9.

* Energy consumption is based on the test standards of the VDI 2193(old version)

Energy efficiency

16%

New Drive axle & Wet Disc Brake

The low-noise reducer, wheel hub bearing with axle oil lubrication method, and drive axle composed of service brake with wet disc method all offer superb operational efficiency and utilization rate.



Reduced turning radius

CWT volume has been reduced through relocation of the controller to the frame RH side and redesigning of counter weight's exterior profile. As a result, the rear overhang and turning radius has decreased.

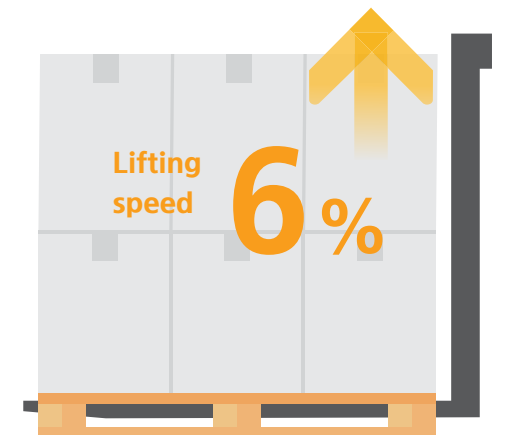


4.4" Reduced (30BC-9U)

25/30
32BC-9U

Optimized mast working speed

The mast lifting speed has increased by 6% through the optimization of current parameter.

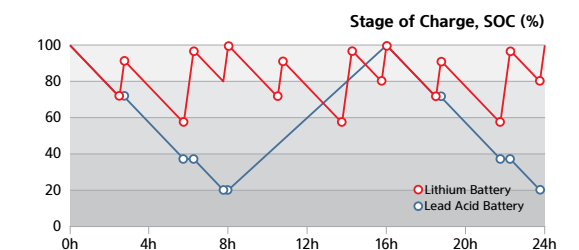


At loaded & unloaded

Li-ion Battery Option

The demand for Li-ion batteries is increasing due to their high energy conversion efficiency and fast charging capability within the 2-hour range.

(Li-ion Battery Capacity : 51.2V/690Ah)



• Graph comparing the charge and discharge

Curtis controller

The forklift uses a controller made by Curtis that has a controller cooling system with a large aluminum heat sink. This cooling system has excellent reliability and its safety and reliability have already been proven in the Korean market(applied 25B-X Series).



OUTSTANDING OPERABILITY
ERGONOMICS

Improved Convenience

A working environment that meets the comfort needs of the operator

A satisfied vehicle operator translates to higher productivity. The upgraded operator room and the numerous functions developed with the operator's comforts in mind allow the operator to work more efficiently and comfortably.



Legroom space increased

The gap between the seat and the floor plate has been increased by 1.2" by lowering the height of the floor plate for the driver's leg space and operational convenience.



Improved response time of finger tip Option

The response time (within 0.1 s) and fine-tuning capability of fingertip are improved,



Multifunction digital cluster

The driver is able to check the operation conditions in real time on the multifunction digital cluster designed to ensure the visibility of major information during operation. In addition, various additional functions are embedded in the cluster for safe and convenient equipment management.



25/30
32BC-9U

Steer Handle

The diameter is reduced by 1.6" to ensure operation convenience and reduce the driver's fatigue. Furthermore, an optimal turning function prevents jamming, heavy feeling, and noise resulting from sudden handling.



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.



Knob on Switch & Horn Option

Forward/Reverse direction switching button and horn switch are mounted on the side of the lift lever to improve rapid traveling direction switching and response to emergency situation and reduce the driver's fatigue accordingly.



Maximized Safety

Minimized risks of accidents

Above all else, the likelihood of accidents on the field is fundamentally eliminated through scientific vehicle body design that thinks of safety first and diverse and active safety specifications.



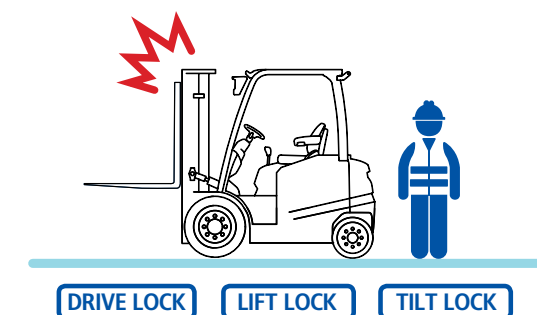
Overload operation warning – Load sensing system Option

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.



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.safety accidents.



Speed limit

Maximum travel speed of the equipment may be set to meet the safety speed of the site through a multifunctional monitor, and safety accidents caused by overspeed may be prevented. Even when maximum speed is limited, gradeability and lifting performance are maintained at top levels.

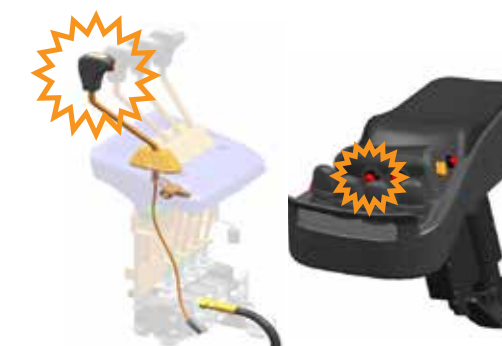


Clamp interlock Option

This feature prevents cargo from falling when the clamp is released unintentionally while transporting cargo using a clamp.

* Clamping & Releasing Method

- Manual Lever : Use switch and lever simultaneously
- Fingertip Lever : Use lever within two seconds of pressing the interlock enable switch



LED work lamps and safety warning lamp

Bright and long-life LED lamps are applied to the front/rear work lamps and direction indicators. Moreover, beacon lamp, blue spots, and red zone lamps are optional for the notification of motion of the forklift to the surrounding workers.



Economical follow-up management

Efficient maintenance with the best price to performance ratio

Innovative energy consumption and equipment operation rate reflecting customers' need are enhanced with higher system reliability and convenient, economical follow-up management.



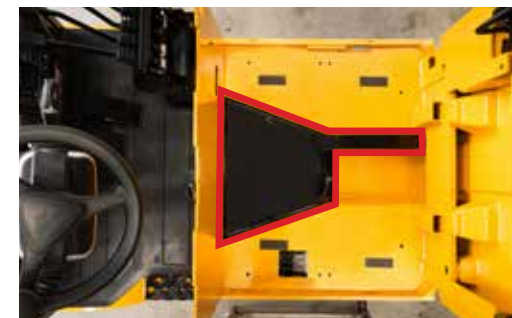
Management of Controller

As the core component of an electric forklift, the controller is vertically installed inside the RH side frame for convenient follow-up management. Wide inspection space is provided when opening the RH side cover of the frame.



Battery bottom cover

A battery bottom cover has been attached in order to prevent the battery acid from flowing into the hydraulic hose and cables located in the lower frame during battery maintenance.



Battery stopper

To prevent battery movement during operation after installing a local battery with different specifications from the standard battery and compartment size, an adjustable battery stopper has been applied.



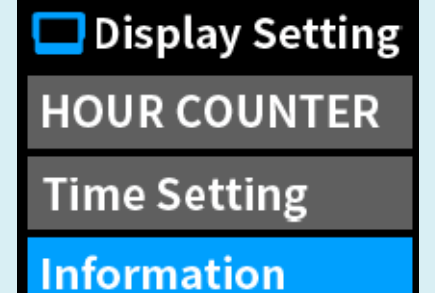
Easy rear tire change

The hub and steering wheel of the steering axle are composed independently, making it very easy to replace the wheel. The steering wheel can be easily removed by unfastening the six wheel fixing nuts.



Power system failure self-diagnosis function

The Curtis controller's malfunction self-diagnosis function enables the operator to check the malfunctions of the controller and key electrical/electronic equipment that run the motor. Self-diagnosis and equipment performance modifications can be performed using the cluster without the need for separate specialized equipment.




Hi-MATE Option

Forklift operation and status, safety, and human resources can be remotely managed using the on-site management solution Hi-MATE. The accumulated data can be used for devising a forklift operation plan.



Hi-MATE, a solution for field control based on data


Data collected at the sensors and modules mounted on equipment during the operation of forklift truck at the operation control system of Hyundai Industrial Vehicle is provided to the mobile device or computer of the customer in real time through the server of Hyundai Construction Equipment. Such visual data can be used for establishing a control plan for safety control in fields, productivity improvement, and cost saving.



Equipment operation management

* Real-time monitoring and follow-up management of individual vehicles, drivers, equipment on-site, and operation information

- Key-on time, travel hours, work hours, and traveling position




Equipment status management

* Supplying information of the forklift truck linked with operation hours, establishing a follow-up management plan

- Indicating fuel remainder, failure information


- Indicating consumable exchange timing, service timing



Safe traveling control

* Checking and follow-up management of safety accident caused by collision between the field system and forklift truck during operation

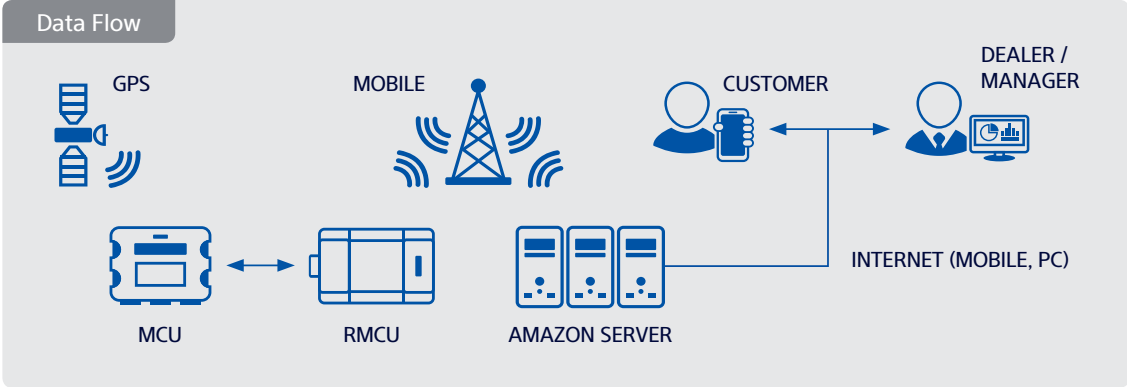
- Count of collision, size of impact



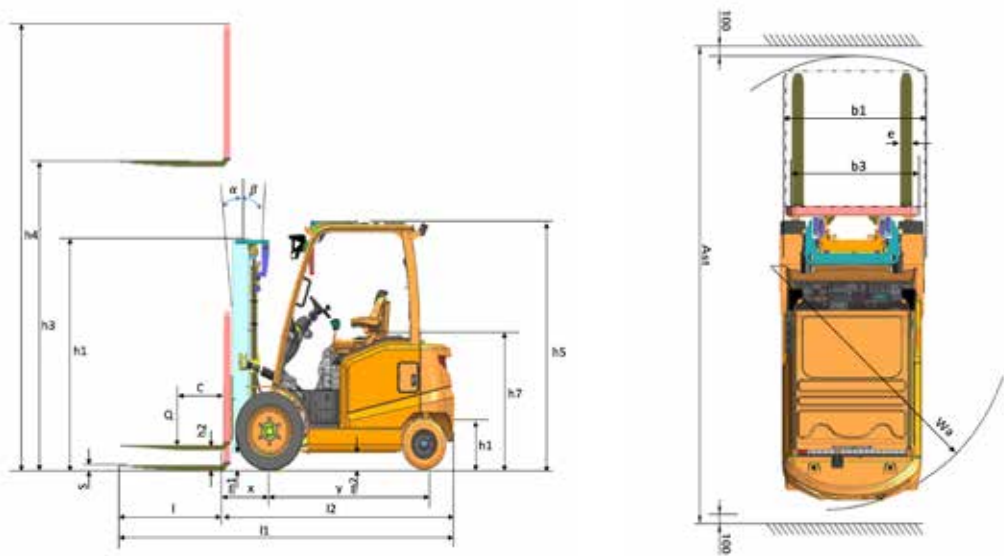
Human resource management

* Checking and follow-up management such as matching between self-diagnosis and equipment conditions before operation

- Driver authorization, self-diagnosis of equipment conditions



Dimension



Specification

| Identification | | | | |
|------------------|---|----------------|--------------------|--------------------|
| 1.1 | Manufacturer | | Hyundai | |
| 1.2 | Manufacturer's type designation | | 25BC-9U | 30BC-9U |
| 1.3 | Drive: electric (battery or mains),diesel,petrol,fuel gas>manual | | Electric | Electric |
| 1.4 | Type of operation:hand,pedestrian,standing,seated,order-picker | | seated | seated |
| 1.5 | Load capacity / rated load | lb | 5,500 | 6,500 |
| 1.6 | Load center distance | in | 24 | 24 |
| 1.8 | Load distance, center of front axle to fork | in | 18 | 18 |
| 1.9 | Wheelbase | in | 52 | 55 |
| Weights | | | | |
| 2.1 | Service Weight | lb | 9,824 | 10,913 |
| 2.2 | Axle Loading, Loaded Front/Rear | lb | 13,457/1,878 | 15,424/2,110 |
| 2.3 | Axle Loading, Unloaded Front/Rear | lb | 3,975/5,847 | 4,284/6,636 |
| Wheels, Chassis | | | | |
| 3.1 | Tires:solid rubber(V), superelastic(SE), pneumatic(P), polyurethane(PE) | | V | V |
| 3.2 | Tires size, front(Φ x width) | | 21x7x15 | 21x8x15 |
| 3.3 | Tires size, rear(Φ x width) | | 16x6x10.5 | 16x6x10.5 |
| 3.5 | Wheels, number front rear (x=driven wheels) | | 2x/2 | 2x/2 |
| 3.6 | Track width, front | b10 (in) | 36 | 36 |
| 3.7 | Track width, rear | b11 (in) | 36 | 36 |
| Basic Dimensions | | | | |
| 4.1 | Mast/fork carriage tilt forward/backward | Degrees | 6/8 | 6/8 |
| 4.2 | Lowered mast height | H1 (in) | 84 | 84 |
| 4.3 | Free lift | H2 (in) | 4.5 | 4.5 |
| 4.4 | Lift height | H3 (in) | 130 | 130 |
| 4.5 | Extended mast height | H4 (in) | 177 | 177 |
| 4.7 | Overhead load guard (cab) height | H5 (in) | 88 | 88 |
| 4.8 | Seat height/ standing height | H7 (in) | 51.2 | 51.2 |
| 4.12 | Coupling height | H10 (in) | 9 | 9 |
| 4.19 | Overall length | I1 (in) | 127 | 130 |
| 4.20 | Length to face of forks | L2 (in) | 85 | 89 |
| 4.21 | Overall width | b1 (in) | 44 | 44 |
| 4.22 | Fork dimensions | s x e x l (in) | 1.8x3.9x41.3 | 1.8x4.8x41.3 |
| 4.23 | Fork carriage ISO 2328, class/type A,B | | II/A | III/A |
| 4.24 | Fork-carriage width(with backrest) | b3 (in) | 41 | 41 |
| 4.31 | Ground clearance, under mast | m1 (in) | 3.5 | 3.5 |
| 4.32 | Ground clearance, centre of wheelbase | m2 (in) | 4.2 | 4.2 |
| 4.33 | Aisle width for pallets 1000x1200 crossways | Ast (in) | 140 | 143 |
| 4.34 | Aisle width for pallets 800x1200 lengthways | Ast (in) | 147 | 151 |
| 4.35 | Turning radius | Wa (in) | 75 | 78 |
| 4.36 | Smallest pivot point distance | b13 (in) | 22.9 | 23.3 |
| Performance Data | | | | |
| 5.1 | Travel speed, loaded/ unloaded(36V) | mph | 6.8/7.5 | 6.8/7.5 |
| 5.1 | Travel speed, loaded/ unloaded(48V) | mph | 9.3/10.6 | 9.3/10.6 |
| 5.2 | Lift speed, loaded/ unloaded(36V) | ft/min | 60.6/90.2 | 50.2/73.8 |
| 5.2 | Lift speed, loaded/ unloaded(48V) | ft/min | 84.6/126 | 70.9/104.3 |
| 5.3 | Lowering speed, loaded/unloaded | ft/min | 98.4/88.6 | 98.4/88.6 |
| 5.6 | Max. drawbar pull, loaded/ unloaded S2 5min | lb | 3,282/- | 3,254/- |
| 5.8 | Max. gradient performance, loaded/ unloaded S2 5min | % | 19.6/- | 17.2/- |
| 5.10 | Service Brake | | hydr. | hydr. |
| Motor / Battery | | | | |
| 6.1 | Drive Motor (S2-60min) | kW | 14 | 14 |
| 6.2 | Pump Motor (S3-15%) | kW | 17 | 17 |
| 6.4 | Battery Voltage, Nominal Capacity K5(Option) | V/Ah | 48/740 | 48/845 |
| 6.5 | Battery Weight | lb | 2,601 | 3,108 |
| | Battery compartment dimensions l/w/h | in | 39.2 x 30.8 x 23.8 | 39.2 x 34.8 x 23.8 |
| 6.6 | Energy consumption acc. to VDI cycle | KWh/h | 7.3 | 8.2 |
| Other Details | | | | |
| 8.1 | Type Of Drive Control | | AC | AC |
| 8.2 | Operating Pressure, System / Attachments | psi | 3,045/1,885 | 3,045/1,885 |
| 8.3 | Oil Volume For Attachments | lpm(gpm) | 45(12) | 45(12) |

| 25BC-9U | | | | | | | | | | |
|---------------------------|-------|---------------------|--------------------------|--------------------|-----------------------|-----------|-----|---------------------------------|------------------------------|-------------------------|
| Mast Type | | Maximum Fork Height | Overall Height (Lowered) | Free Lift Height | | Mast Tilt | | Load capacity without Sideshift | Load capacity with Sideshift | Truck Weight (Unloaded) |
| | | | | With Load Backrest | Without Load Backrest | Fwd | Bwd | 24in LC | 24in LC | |
| | | | | in | in | deg | deg | lb | lb | |
| 2 Stage Limited Free Lift | V209 | 82 | 60 | 4.5 | 4.5 | 10 | 6 | 5,000 | 5,000 | 9,620 |
| | V300 | 118 | 79 | 4.5 | 4.5 | 6 | 8 | 5,000 | 5,000 | 9,770 |
| | V330 | 130 | 84 | 4.5 | 4.5 | 6 | 8 | 5,000 | 4,960 | 9,820 |
| | V350 | 138 | 88 | 4.5 | 4.5 | 6 | 8 | 5,000 | 4,910 | 9,870 |
| | V370 | 146 | 94 | 4.5 | 4.5 | 6 | 8 | 5,000 | 4,820 | 9,910 |
| | V400 | 157 | 100 | 4.5 | 4.5 | 6 | 8 | 5,000 | 4,710 | 9,980 |
| | V450 | 177 | 112 | 4.5 | 4.5 | 6 | 5 | 4,870 | 4,540 | 10,240 |
| 3 Stage Full Free Lift | TF430 | 169 | 78 | 32 | 54 | 6 | 5 | 4,890 | 4,560 | 10,280 |
| | TF450 | 177 | 82 | 36 | 58 | 6 | 5 | 4,820 | 4,490 | 10,330 |
| | TF470 | 185 | 84 | 38 | 60 | 6 | 5 | 4,760 | 4,430 | 10,360 |
| | TF500 | 197 | 88 | 42 | 64 | 6 | 5 | 4,650 | 4,320 | 10,420 |
| | TF550 | 217 | 96 | 49 | 72 | 6 | 5 | 4,490 | 4,180 | 10,530 |
| | TF600 | 236 | 104 | 57 | 80 | 6 | 5 | 3,150 | 2,910 | 10,720 |
| | TF650 | 256 | 112 | 65 | 84 | 3 | 3 | 2,550 | 2,330 | 10,840 |
| 4 Stage Full Free Lift | QF610 | 240 | 83 | 37 | 60 | 3 | 3 | 3,320 | 3,080 | 11,230 |
| | QF700 | 276 | 95 | 49 | 71 | 3 | 3 | 2,570 | 2,350 | 11,460 |

| 32BC-9U | | | | | | | | | | |
|---------------------------|-------|---------------------|--------------------------|--------------------|-----------------------|-----------|-----|---------------------------------|------------------------------|-------------------------|
| Mast Type | | Maximum Fork Height | Overall Height (Lowered) | Free Lift Height | | Mast Tilt | | Load capacity without Sideshift | Load capacity with Sideshift | Truck Weight (Unloaded) |
| | | | | With Load Backrest | Without Load Backrest | Fwd | Bwd | 24in LC | 24in LC | |
| | | | | in | in | deg | deg | lb | lb | |
| 2 Stage Limited Free Lift | V300 | 118 | 79 | 4.5 | 4.5 | 6 | 8 | 6,500 | 6,500 | 11,350 |
| | V330 | 130 | 87 | 4.5 | 4.5 | 6 | 8 | 6,500 | 6,450 | 11,410 |
| | V350 | 138 | 91 | 4.5 | 4.5 | 6 | 8 | 6,500 | 6,410 | 11,450 |
| | V370 | 146 | 97 | 4.5 | 4.5 | 6 | 8 | 6,500 | 6,340 | 11,500 |
| | V400 | 157 | 103 | 4.5 | 4.5 | 6 | 8 | 6,500 | 6,230 | 11,570 |
| | V450 | 177 | 114 | 4.5 | 4.5 | 6 | 5 | 6,450 | 5,970 | 11,820 |
| 3 Stage Full Free Lift | TF430 | 169 | 81 | 34 | 52 | 6 | 5 | 6,410 | 5,950 | 11,920 |
| | TF450 | 177 | 85 | 38 | 56 | 6 | 5 | 6,300 | 5,840 | 11,970 |
| | TF470 | 185 | 87 | 40 | 58 | 6 | 5 | 6,230 | 5,770 | 12,010 |
| | TF500 | 197 | 91 | 44 | 62 | 6 | 5 | 6,100 | 5,660 | 12,060 |
| | TF550 | 217 | 99 | 52 | 70 | 6 | 5 | 5,900 | 5,460 | 12,080 |
| | TF600 | 236 | 106 | 60 | 78 | 6 | 5 | 4,270 | 3,920 | 12,390 |
| | TF650 | 256 | 114 | 68 | 86 | 3 | 3 | 3,500 | 3,190 | 12,510 |
| | TF700 | 276 | 122 | 76 | 94 | 3 | 3 | 3,060 | 2,770 | 12,630 |
| 4 Stage Full Free Lift | QF610 | 240 | 85 | 39 | 57 | 3 | 3 | 3,790 | 3,460 | 12,810 |
| | QF700 | 276 | 97 | 51 | 69 | 3 | 3 | 2,950 | 2,680 | 13,040 |

| 30BC-9U | | | | | | | | | | |
|---------------------------|-------|---------------------|--------------------------|--------------------|-----------------------|-----------|-----|---------------------------------|------------------------------|-------------------------|
| Mast Type | | Maximum Fork Height | Overall Height (Lowered) | Free Lift Height | | Mast Tilt | | Load capacity without Sideshift | Load capacity with Sideshift | Truck Weight (Unloaded) |
| | | | | With Load Backrest | Without Load Backrest | Fwd | Bwd | 24in LC | 24in LC | |
| | | | | in | in | deg | deg | lb | lb | |
| 2 Stage Limited Free Lift | V209 | 82 | 60 | 4.5 | 4.5 | 10 | 6 | 6,000 | 6,000 | 10,710 |
| | V300 | 118 | 79 | 4.5 | 4.5 | 6 | 8 | 6,000 | 6,000 | 10,860 |
| | V330 | 130 | 84 | 4.5 | 4.5 | 6 | 8 | 6,000 | 5,970 | 10,910 |
| | V350 | 138 | 88 | 4.5 | 4.5 | 6 | 8 | 6,000 | 5,880 | 10,960 |
| | V370 | 146 | 94 | 4.5 | 4.5 | 6 | 8 | 6,000 | 5,820 | 11,010 |
| | V400 | 157 | 100 | 4.5 | 4.5 | 6 | 8 | 6,000 | 5,680 | 11,080 |
| | V450 | 177 | 112 | 4.5 | 4.5 | 6 | 5 | 5,900 | 5,460 | 11,350 |
| 3 Stage Full Free Lift | TF430 | 169 | 78 | 32 | 52 | 6 | 5 | 5,930 | 5,480 | 11,350 |
| | TF450 | 177 | 82 | 36 | 56 | 6 | 5 | 5,840 | 5,400 | 11,410 |
| | TF470 | 185 | 84 | 38 | 58 | 6 | 5 | 5,770 | 5,330 | 11,440 |
| | TF500 | 197 | 88 | 42 | 62 | 6 | 5 | 5,660 | 5,240 | 11,490 |
| | TF550 | 217 | 96 | 49 | 69 | 6 | 5 | 5,460 | 5,040 | 11,600 |
| | TF600 | 236 | 104 | 57 | 77 | 6 | 5 | 3,940 | 3,610 | 11,790 |
| | TF650 | 256 | 112 | 65 | 81 | 3 | 3 | 3,210 | 2,930 | 11,910 |
| 4 Stage Full Free Lift | TF700 | 276 | 119 | 73 | 89 | 3 | 3 | 2,840 | 2,570 | 12,030 |
| | QF610 | 240 | 83 | 37 | 57 | 3 | 3 | 3,460 | 3,150 | 12,290 |
| | QF700 | 276 | 95 | 49 | 69 | 3 | 3 | 2,680 | 2,420 | 12,520 |

Load Capacity

