

Electric Counterbalance Lift Truck

# BH-9 Series

25/30/35BH-9

5,000-7,000 lbs. capacities



**HYUNDAI**  
MATERIAL HANDLING  
NO ONE DELIVERS MORE

Get more of what you're looking for:  
**THE 25, 30, 35BH-9 FROM HYUNDAI**

Versatility, reliability, and durability all come together in the rugged BH-9 Series from Hyundai. Engineered to deliver the power and performance you need, the BH-9 Series also offers your operators maximum comfort to not only reduce fatigue but drive up productivity, shift after shift. And like most Hyundai electric forklifts, the BH-9 is available with Li-Ion power that increases the performance of the forklift while dramatically lowering your operating costs and downtime.

The BH-9 offers you all of this and more, including simplified servicing, outstanding maneuverability and the best line-up of advanced features on the market today.



**SIMPLIFIED MAINTENANCE**

Throughout the BH-9 you'll find design features to speed maintenance and reduce downtime. This includes easy removal and installation of batteries through the side of the forklift without the need for specialized equipment. There is also a convenient brake oil reservoir with an electronic level sensor.



**ADVANCED LITHIUM-ION POWER**

The optional Li-ion battery features rapid charging in just 2 hours and delivers outstanding performance with a lower cost of ownership. It requires no daily maintenance and eliminates the need to swap batteries at shift changes. All while offering up to 15% savings on electric bills, with fast lift and travel speeds.



**SPACIOUS, COMFORTABLE CAB**

The BH-9 features a cabin designed to reduce operator fatigue, increase comfort, and provide superior visibility with a full field of view. Productivity enhancing features include optimized pedal positions, a large, non-slip entrance step, fully adjustable steering wheel, and an adjustable Grammer™ seat.



**AUTO FORK LEVELING**

This optional system stops forks automatically when they reach a level position for precise load handling.



**STRONG OVERHEAD GUARD**

The guard exceeds ISO 6055 and ANSI regulations and combines greater protection with excellent visibility.



**MULTIFUNCTION LCD DASH DISPLAY**

This advanced digital system clearly displays essential operational information in real time. It also allows the operator to select various performance modes to match conditions—including High, Normal, Economy, and Turtle modes. Other features include:

- 3.5" LCD smart monitor highlights all essential information
- Onboard diagnostics and data logging
- Maintenance tracking and a load weight indicator



**EFFICIENT DUAL DRIVE SYSTEM**

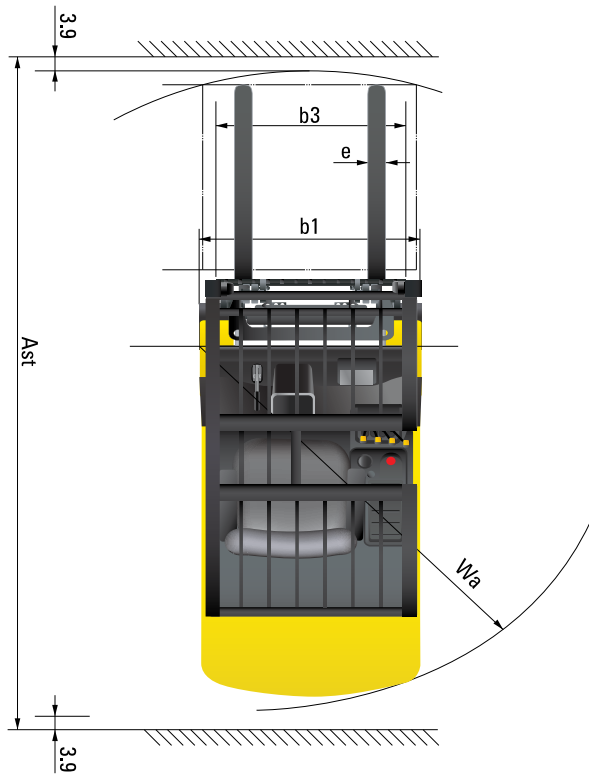
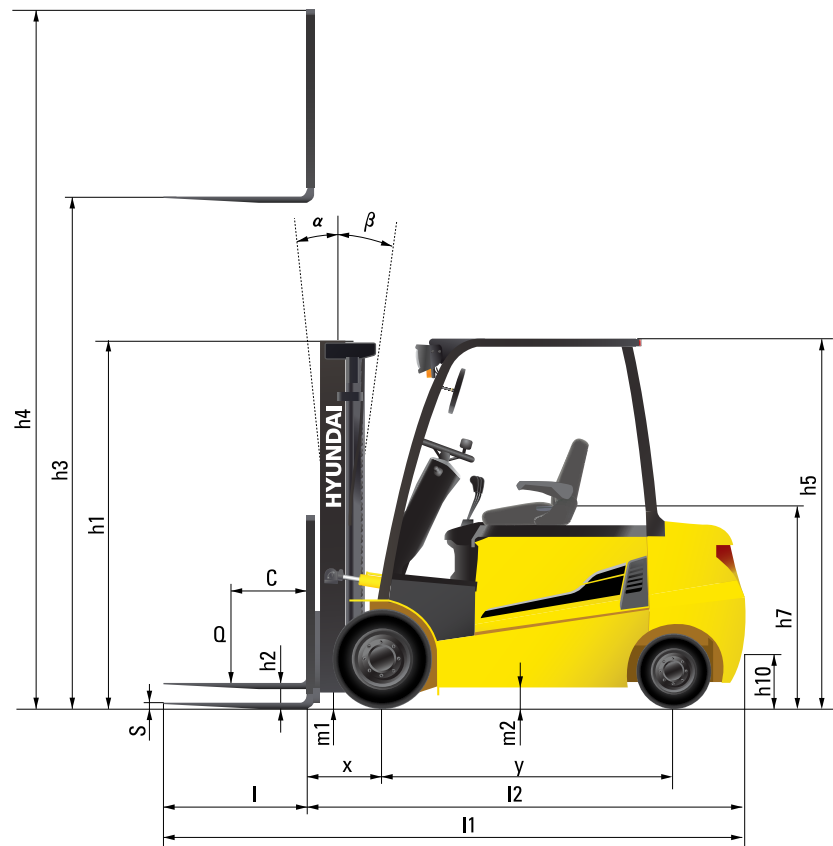
This powerful system delivers optimum performance in all types of work environments, including uneven and wet pavements. The smooth running enclosed drive features brushless AC motors for maximum efficiency with minimal maintenance. Its many advantages include:

- Outstanding travel speeds up to 12 MPH (unloaded)
- Superior gradability up to 26% (loaded)
- Enhanced maneuverability to navigate confined spaces

**The BH-9 brings you even more advantages.**

- Optional fingertip control levers for improved operator comfort and precise handling
- Curve control reduces the risk of the operator exceeding a safe speed when making a turn by controlling the travel speed and acceleration of the unit
- Hill assist control prevents the machine from rolling back after stopping on inclines or declines
- Operator Presence Safety System (OPSS) requires the operator to be present, in the seat, to have the use of the travel and hydraulic functions
- ZAPI control system assures maximum performance from the motors while offering greater durability and extended service intervals
- Optimized lift cylinder arrangement and a panoramic mirror for optimized forward and backward visibility
- LED combination lights, halogen headlights, and rear deflectors for added safety throughout your facility
- Speed limiting function allows you to set a maximum vehicle speed to safeguard the equipment, the operator and the load
- Down safety valve prevents forks from dropping in the event of damage to the hydraulic line
- Optional electronic directional control and secondary horn on the hydraulic lift lever for precise maneuvering

Dimensions



Specifications

| Identification   |                                                                      |           |        |                    |                    |                    |
|------------------|----------------------------------------------------------------------|-----------|--------|--------------------|--------------------|--------------------|
| 1.1              | Manufacturer                                                         |           |        | Hyundai            |                    |                    |
| 1.2              | Manufacturer's Type Designation                                      |           |        | 25BH-9             | 30BH-9             | 35BH-9             |
| 1.3              | Drive: Electric (Battery or Mains), Diesel, Petrol, Fuel Gas, Manual |           |        | Electric           | Electric           | Electric           |
| 1.4              | Type of Operation : Hand, Pedestrian, Standing, Seated, Order-Picker |           |        | Seated             | Seated             | Seated             |
| 1.5              | Load Capacity / Rated Load                                           | Q         | lb     | 5,000              | 6,000              | 7,000              |
| 1.6              | Load Center Distance                                                 | c         | in     | 24                 | 24                 | 24                 |
| 1.8              | Load Distance, Center of Front Axle to Fork                          | x         | in     | 18                 | 18                 | 18.5               |
| 1.9              | Wheelbase                                                            | y         | in     | 62                 | 68                 | 68                 |
| Weights          |                                                                      |           |        |                    |                    |                    |
| 2.1              | Service Weight                                                       |           | lb     | 10,384             | 11,310             | 12,331             |
| 2.2              | Axle Loading, Loaded Front/Rear                                      |           | lb     | 13,977 / 1,918     | 15,955 / 1,969     | 17,756 / 2,317     |
| 2.3              | Axle Loading, Unloaded Front/Rear                                    |           | lb     | 5,115 / 5,269      | 5,655 / 5,655      | 5,686 / 6,671      |
| Wheels, Chassis  |                                                                      |           |        |                    |                    |                    |
| 3.1              | Tires                                                                |           |        | Pneumatic          | Pneumatic          | Pneumatic          |
| 3.2              | Tires Size, Front (ø x Width)                                        |           |        | 23 x 9 x 10        | 23 x 9 x 10        | 23 x 10 x 12       |
| 3.3              | Tires Size, Rear (ø x Width)                                         |           |        | 18 x 7 x 8         | 18 x 7 x 8         | 18 x 7 x 8         |
| 3.4              | Wheels, Number Front Rear (x=Driven Wheels)                          |           |        | 2 x /2             | 2 x /2             | 2 x /2             |
| 3.6              | Track Width, Front                                                   |           | in     | 39                 | 39                 | 39.5               |
| 3.7              | Track Width, Rear                                                    |           | in     | 38.5               | 38.5               | 38.5               |
| Basic Dimensions |                                                                      |           |        |                    |                    |                    |
| 4.1              | Mast/Fork Carriage Tilt Forward / Backward                           |           | deg    | 6 / 8              | 6 / 8              | 6 / 8              |
| 4.2              | Lowered Mast Height                                                  | h1        | In     | 85.1               | 85.1               | 88.3               |
| 4.3              | Free Lift Height                                                     | h2        | In     | 4.5                | 4.5                | 4.5                |
| 4.4              | Lift Height                                                          | h3        | In     | 130.1              | 130.1              | 130.1              |
| 4.5              | Extended Mast Height                                                 | h4        | In     | 176.5              | 176.5              | 176.5              |
| 4.7              | Overhead Load Guard (Cab) Height                                     | h5        | In     | 87                 | 87                 | 87                 |
| 4.8              | Seat Height / Standing Height                                        | h7        | In     | 48.2               | 48.2               | 48.2               |
| 4.12             | Coupling Height                                                      | h10       | In     | 15.6               | 15.6               | 15.6               |
| 4.19             | Overall Length                                                       | l1        | in     | 134.4              | 139.5              | 143.7              |
| 4.20             | Length to Face of Forks                                              | l2        | In     | 93.1               | 98.2               | 102.3              |
| 4.21             | Overall Width                                                        | b1        | in     | 47                 | 47                 | 49                 |
| 4.22             | Fork Dimensions                                                      | L x W x H | in     | 41.3 x 4 x 1.8     | 41.3 x 4.8 x 1.7   | 41.3 x 4.8 x 1.7   |
| 4.23             | Fork Carriage ISO 2328, Class / Type A,B                             |           |        | II / A             | III / A            | III / A            |
| 4.24             | Fork-Carriage Width                                                  | b3        | in     | 43.4               | 43.4               | 43.3               |
| 4.31             | Ground Clearance, Loaded, Under Mast                                 | m1        | in     | 4.6                | 4.6                | 5                  |
| 4.32             | Ground Clearance, Center of Wheelbase                                | m2        | In     | 4.5                | 4.5                | 4.5                |
| 4.33             | Aisle Width for Pallets 39.3 x 47.2 Crossways                        | Ast       | in     | 145                | 149.5              | 154.2              |
| 4.34             | Aisle Width for Pallets 31.5 x 47.2 Lengthways                       | Ast       | in     | 152                | 156.9              | 161.5              |
| 4.35             | Turning Radius                                                       | Wa        | in     | 78.7               | 83.7               | 87.9               |
| 4.36             | Smallest Pivot Point Distance                                        |           | in     | 13.3               | 15.9               | 15.9               |
| Performance Data |                                                                      |           |        |                    |                    |                    |
| 5.1              | Travel Speed, Loaded / Unloaded (80v)                                |           | mph    | 11.1 / 11.8        | 11.1 / 11.8        | 11.1 / 11.8        |
| 5.2              | Lift Speed, Loaded / Unloaded (80v)                                  |           | fpm    | 80.7 / 118         | 66.9 / 98.4        | 64.9 / 98.4        |
| 5.3              | Lowering Speed, Loaded / Unloaded                                    |           | fpm    | 99 / 88.5          | 99 / 88.5          | 99 / 88.5          |
| 5.6              | Max. Drawbar Pull, Loaded                                            |           | lbf    | 4,051.5 / 3,994.1  | 4,016 / 3,990      | 3,787.1 / 3,802.4  |
| 5.8              | Max. Gradient Performance, Loaded / Unloaded S2 5 min                |           | %      | 26 / 24            | 22 / 24            | 19 / 22            |
| 5.10             | Service Brake                                                        |           |        | Hydraulic          | Hydraulic          | Hydraulic          |
| E-Motor          |                                                                      |           |        |                    |                    |                    |
| 6.1              | Drive motor rating S2 60 min (80V)                                   |           | hp     | 10.7 x 2           | 10.7 x 2           | 10.7 x 2           |
| 6.2              | Lift motor rating at S3 20% (S2 10min)                               |           | hp     | 26.4               | 26.4               | 26.4               |
| 6.3              | Battery voltage, nominal capacity K5                                 |           | V / Ah | 80 / 500           | 80 / 600           | 80 / 600           |
| 6.4              | Battery weight (min)                                                 |           | lb     | 3,527              | 4,409              | 4,409              |
|                  | Battery compartment dimensions L x W x H                             |           |        | 28.1 x 40.5 x 31.2 | 33.7 x 40.5 x 31.2 | 33.7 x 40.5 x 31.2 |
| Additional Data  |                                                                      |           |        |                    |                    |                    |
| 8.1              | Type of Drive Control                                                |           |        | AC                 | AC                 | AC                 |

\* All specifications in this catalog are subject to change according to the optional items.

| 25BH-9                     |          |                     |                          |                  |                   |                               |                 |     |                             |                              |                         |
|----------------------------|----------|---------------------|--------------------------|------------------|-------------------|-------------------------------|-----------------|-----|-----------------------------|------------------------------|-------------------------|
| Mast Type                  |          | Maximum Fork Height | Overall Height (Lowered) | Free Lift Height |                   |                               | Mast Tilt Angle |     | Load capacity w/o Sideshift | Load capacity with Sideshift | Truck Weight (Unloaded) |
|                            |          |                     |                          | w/ Load Backrest | w/o Load Backrest | w/o Load Backrest (3/4 SPOOL) | Fwd             | Bwd | 24 in LC                    | 24 in LC                     |                         |
|                            |          |                     |                          |                  |                   |                               |                 |     | in                          | in                           |                         |
| 2-Stage Limited Free Li ft | V300     | 118.3               | 79.2                     | 4.5              | 4.5               | 4.5                           | 6               | 8   | 5,000                       | 5,000                        | 10,341                  |
|                            | V330*    | 130.1               | 85.1                     |                  |                   |                               | 6               | 8   | 5,000                       | 5,000                        | 10,384                  |
|                            | V350     | 138.0               | 89.1                     |                  |                   |                               | 6               | 8   | 5,000                       | 5,000                        | 10,421                  |
|                            | V370     | 145.9               | 95.0                     |                  |                   |                               | 6               | 8   | 5,000                       | 5,000                        | 10,470                  |
|                            | V400     | 157.7               | 100.9                    |                  |                   |                               | 6               | 8   | 5,000                       | 5,000                        | 10,518                  |
|                            | V430     | 169.5               | 106.8                    |                  |                   |                               | 6               | 6   | 5,000                       | 5,000                        | 10,625                  |
|                            | V450     | 177.4               | 112.7                    |                  |                   |                               | 6               | 6   | 4,960                       | 4,740                        | 10,691                  |
|                            | V470     | 185.2               | 116.6                    |                  |                   |                               | 6               | 6   | 4,890                       | 4,670                        | 10,723                  |
|                            | V500     | 197.0               | 122.5                    |                  |                   |                               | 6               | 6   | 4,810                       | 4,590                        | 10,771                  |
| 2-Stage Full Free Lift     | VF/VS295 | 117.2               | 79.2                     | 32.8             | 54.3              | 54.3                          | 6               | 6   | 5,000                       | 5,000                        | 10,474                  |
|                            | VF/VS325 | 129.0               | 85.1                     | 38.7             | 60.2              | 60.2                          | 6               | 6   | 5,000                       | 5,000                        | 10,547                  |
|                            | VF/VS345 | 136.9               | 89.1                     | 42.6             | 64.1              | 64.1                          | 6               | 6   | 5,000                       | 5,000                        | 10,620                  |
| 3-Stage Full Free Lift     | TF370    | 145.9               | 71.3                     | 24.9             | 44.2              | 42.6                          | 6               | 6   | 5,000                       | 5,000                        | 10,663                  |
|                            | TF400    | 157.7               | 75.3                     | 28.8             | 48.1              | 46.5                          | 6               | 6   | 5,000                       | 4,870                        | 10,707                  |
|                            | TF430    | 169.5               | 79.2                     | 32.8             | 52.0              | 50.4                          | 6               | 6   | 4,960                       | 4,740                        | 10,753                  |
|                            | TF450    | 177.4               | 83.1                     | 36.7             | 56.0              | 56.0                          | 6               | 6   | 4,890                       | 4,670                        | 10,800                  |
|                            | TF470    | 185.2               | 85.1                     | 38.7             | 58.0              | 56.3                          | 6               | 6   | 4,830                       | 4,610                        | 10,825                  |
|                            | TF500    | 197.0               | 89.1                     | 42.6             | 61.9              | 60.3                          | 6               | 6   | 4,740                       | 4,520                        | 10,879                  |
|                            | TF550    | 216.7               | 96.9                     | 50.5             | 69.8              | 69.8                          | 6               | 6   | 4,560                       | 4,340                        | 10,965                  |
|                            | TF600    | 236.4               | 104.8                    | 58.3             | 77.6              | 77.6                          | 6               | 6   | 4,430                       | 4,210                        | 11,046                  |
|                            | TF650    | 256.1               | 112.7                    | 66.2             | 81.1              | 71.3                          | 3               | 3   | 3,730                       | 3,800                        | 11,160                  |
|                            | TF700    | 275.8               | 120.6                    | 74.1             | 89.0              | 79.1                          | 3               | 3   | 2,910                       | 2,900                        | 11,246                  |
|                            | TS370    | 145.9               | 71.3                     | 24.9             | 44.2              | 42.3                          | 6               | 6   | 5,000                       | 5,000                        | 10,663                  |
|                            | TS400    | 157.7               | 75.3                     | 28.8             | 48.1              | 46.2                          | 6               | 6   | 5,000                       | 4,870                        | 10,707                  |
|                            | TS430    | 169.5               | 79.2                     | 32.8             | 52.0              | 50.2                          | 6               | 6   | 4,960                       | 4,740                        | 10,753                  |
|                            | TS450    | 177.4               | 83.1                     | 36.7             | 56.0              | 56.0                          | 6               | 6   | 4,890                       | 4,670                        | 10,800                  |
|                            | TS470    | 185.2               | 85.1                     | 38.7             | 58.0              | 56.1                          | 6               | 6   | 4,830                       | 4,610                        | 10,825                  |
|                            | TS500    | 197.0               | 89.1                     | 42.6             | 61.9              | 60.0                          | 6               | 6   | 4,740                       | 4,520                        | 10,879                  |
|                            | TS550    | 216.7               | 96.9                     | 50.5             | 69.8              | 69.8                          | 6               | 6   | 4,560                       | 4,340                        | 10,965                  |
|                            | TS600    | 236.4               | 104.8                    | 58.3             | 77.6              | 77.6                          | 6               | 6   | 4,430                       | 4,210                        | 11,046                  |
|                            | TS650    | 256.1               | 112.7                    | 66.2             | 80.9              | 70.7                          | 3               | 3   | 3,730                       | 3,800                        | 11,160                  |
|                            | TS700    | 275.8               | 120.6                    | 74.1             | 88.7              | 78.6                          | 3               | 3   | 2,910                       | 2,900                        | 11,246                  |
| 4-Stage Full Free Lift     | QF610    | 240.7               | 84.5                     | 38.1             | 59.6              | 57.6                          | 3               | 3   | 3,420                       | 3,200                        | 11,632                  |
|                            | QF660    | 260.4               | 92.4                     | 45.9             | 67.5              | 65.4                          | 3               | 3   | 3,220                       | 3,000                        | 11,764                  |
|                            | QF700    | 276.2               | 96.3                     | 49.9             | 71.4              | 69.4                          | 3               | 3   | 2,690                       | 2,470                        | 11,831                  |
|                            | QF745    | 293.9               | 102.2                    | 55.8             | 75.4              | 67.4                          | 3               | 3   | 2,490                       | 2,270                        | 11,932                  |
|                            | QF790    | 311.6               | 108.1                    | 61.7             | 75.4              | 61.5                          | 3               | 3   | 1,570                       | 1,350                        | 12,154                  |

TS-Mast : Wide Visible 3-Stage Full Free Lift Mast with 2 Free Lift Cylinders.

\* Standard

| 30BH-9                     |          |                     |                          |                  |                   |                               |                 |     |                             |                              |                         |
|----------------------------|----------|---------------------|--------------------------|------------------|-------------------|-------------------------------|-----------------|-----|-----------------------------|------------------------------|-------------------------|
| Mast Type                  |          | Maximum Fork Height | Overall Height (Lowered) | Free Lift Height |                   |                               | Mast Tilt Angle |     | Load capacity w/o Sideshift | Load capacity with Sideshift | Truck Weight (Unloaded) |
|                            |          |                     |                          | w/ Load Backrest | w/o Load Backrest | w/o Load Backrest (3/4 SPOOL) | Fwd             | Bwd | 24 in LC                    | 24 in LC                     |                         |
|                            |          |                     |                          |                  |                   |                               |                 |     | in                          | in                           |                         |
| 2-Stage Limited Free Li ft | V300     | 118.3               | 79.2                     | 4.5              | 4.5               | 4.5                           | 6               | 8   | 6,000                       | 6,000                        | 11,263                  |
|                            | V330*    | 130.1               | 85.1                     |                  |                   |                               | 6               | 8   | 6,000                       | 6,000                        | 11,310                  |
|                            | V350     | 138.0               | 89.1                     |                  |                   |                               | 6               | 8   | 6,000                       | 6,000                        | 11,350                  |
|                            | V370     | 145.9               | 95.0                     |                  |                   |                               | 6               | 8   | 6,000                       | 6,000                        | 11,402                  |
|                            | V400     | 157.7               | 100.9                    |                  |                   |                               | 6               | 8   | 6,000                       | 6,000                        | 11,454                  |
|                            | V430     | 169.5               | 106.8                    |                  |                   |                               | 6               | 6   | 6,000                       | 6,000                        | 11,565                  |
|                            | V450     | 177.4               | 112.7                    |                  |                   |                               | 6               | 6   | 6,000                       | 6,000                        | 11,635                  |
|                            | V470     | 185.2               | 116.6                    |                  |                   |                               | 6               | 6   | 6,000                       | 6,000                        | 11,669                  |
|                            | V500     | 197.0               | 122.5                    |                  |                   |                               | 6               | 6   | 6,000                       | 6,000                        | 11,721                  |
| 2-Stage Full Free Lift     | VF/VS295 | 117.2               | 79.2                     | 32.8             | 51.9              | 51.9                          | 6               | 6   | 6,000                       | 6,000                        | 11,340                  |
|                            | VF/VS325 | 129.0               | 85.1                     | 38.7             | 60.2              | 57.8                          | 6               | 6   | 6,000                       | 6,000                        | 11,411                  |
|                            | VF/VS345 | 136.9               | 89.1                     | 42.6             | 61.7              | 61.7                          | 6               | 6   | 6,000                       | 6,000                        | 11,484                  |
| 3-Stage Full Free Lift     | TF370    | 145.9               | 71.3                     | 24.9             | 44.0              | 42.6                          | 6               | 6   | 6,000                       | 6,000                        | 11,624                  |
|                            | TF400    | 157.7               | 75.3                     | 28.8             | 47.9              | 46.5                          | 6               | 6   | 6,000                       | 6,000                        | 11,670                  |
|                            | TF430    | 169.5               | 79.2                     | 32.8             | 51.9              | 50.4                          | 6               | 6   | 6,000                       | 6,000                        | 11,768                  |
|                            | TF450    | 177.4               | 83.1                     | 36.7             | 55.8              | 55.8                          | 6               | 6   | 6,000                       | 6,000                        | 11,778                  |
|                            | TF470    | 185.2               | 85.1                     | 38.7             | 57.8              | 56.3                          | 6               | 6   | 6,000                       | 6,000                        | 11,805                  |
|                            | TF500    | 197.0               | 89.1                     | 42.6             | 61.7              | 60.3                          | 6               | 6   | 6,000                       | 5,790                        | 11,860                  |
|                            | TF550    | 216.7               | 96.9                     | 50.5             | 69.6              | 69.6                          | 6               | 6   | 5,860                       | 5,560                        | 11,956                  |
|                            | TF600    | 236.4               | 104.8                    | 58.3             | 77.4              | 77.4                          | 6               | 6   | 5,690                       | 5,390                        | 12,049                  |
|                            | TF650    | 256.1               | 112.7                    | 66.2             | 81.1              | 71.5                          | 3               | 3   | 4,670                       | 4,370                        | 12,161                  |
|                            | TF700    | 275.8               | 120.6                    | 74.1             | 89.0              | 79.3                          | 3               | 3   | 3,860                       | 3,560                        | 12,247                  |
|                            | TS370    | 145.9               | 71.3                     | 24.9             | 44.0              | 41.5                          | 6               | 6   | 6,000                       | 6,000                        | 11,624                  |
|                            | TS400    | 157.7               | 75.3                     | 28.8             | 47.9              | 45.4                          | 6               | 6   | 6,000                       | 6,000                        | 11,670                  |
|                            | TS430    | 169.5               | 79.2                     | 32.8             | 51.9              | 49.3                          | 6               | 6   | 6,000                       | 6,000                        | 11,768                  |
|                            | TS450    | 177.4               | 83.1                     | 36.7             | 55.8              | 55.2                          | 6               | 6   | 6,000                       | 6,000                        | 11,778                  |
|                            | TS470    | 185.2               | 85.1                     | 38.7             | 57.8              | 55.2                          | 6               | 6   | 6,000                       | 6,000                        | 11,805                  |
|                            | TS500    | 197.0               | 89.1                     | 42.6             | 61.7              | 59.2                          | 6               | 6   | 6,000                       | 5,790                        | 11,860                  |
|                            | TS550    | 216.7               | 96.9                     | 50.5             | 69.6              | 69.0                          | 6               | 6   | 5,860                       | 5,560                        | 11,956                  |
|                            | TS600    | 236.4               | 104.8                    | 58.3             | 77.4              | 76.9                          | 6               | 6   | 5,690                       | 5,390                        | 12,049                  |
|                            | TS650    | 256.1               | 112.7                    | 66.2             | 80.0              | 69.3                          | 3               | 3   | 4,670                       | 4,370                        | 12,161                  |
|                            | TS700    | 275.8               | 120.6                    | 74.1             | 87.9              | 77.1                          | 3               | 3   | 3,860                       | 3,560                        | 12,247                  |
| 4-Stage Full Free Lift     | QF610    | 240.7               | 84.5                     | 38.1             | 57.2              | 57.2                          | 3               | 3   | 3,750                       | 3,450                        | 12,485                  |
|                            | QF660    | 260.4               | 92.4                     | 45.9             | 65.0              | 65.0                          | 3               | 3   | 3,530                       | 3,230                        | 12,616                  |
|                            | QF700    | 276.2               | 96.3                     | 49.9             | 69.0              | 74.9                          | 3               | 3   | 2,910                       | 2,610                        | 12,683                  |
|                            | QF745    | 293.9               | 102.2                    | 55.8             | 74.9              | 69.8                          | 3               | 3   | 2,600                       | 2,300                        | 12,784                  |
|                            | QF790    | 311.6               | 108.1                    | 61.7             | 75.8              | 64.8                          | 3               | 3   | 1,590                       | 1,290                        | 13,006                  |

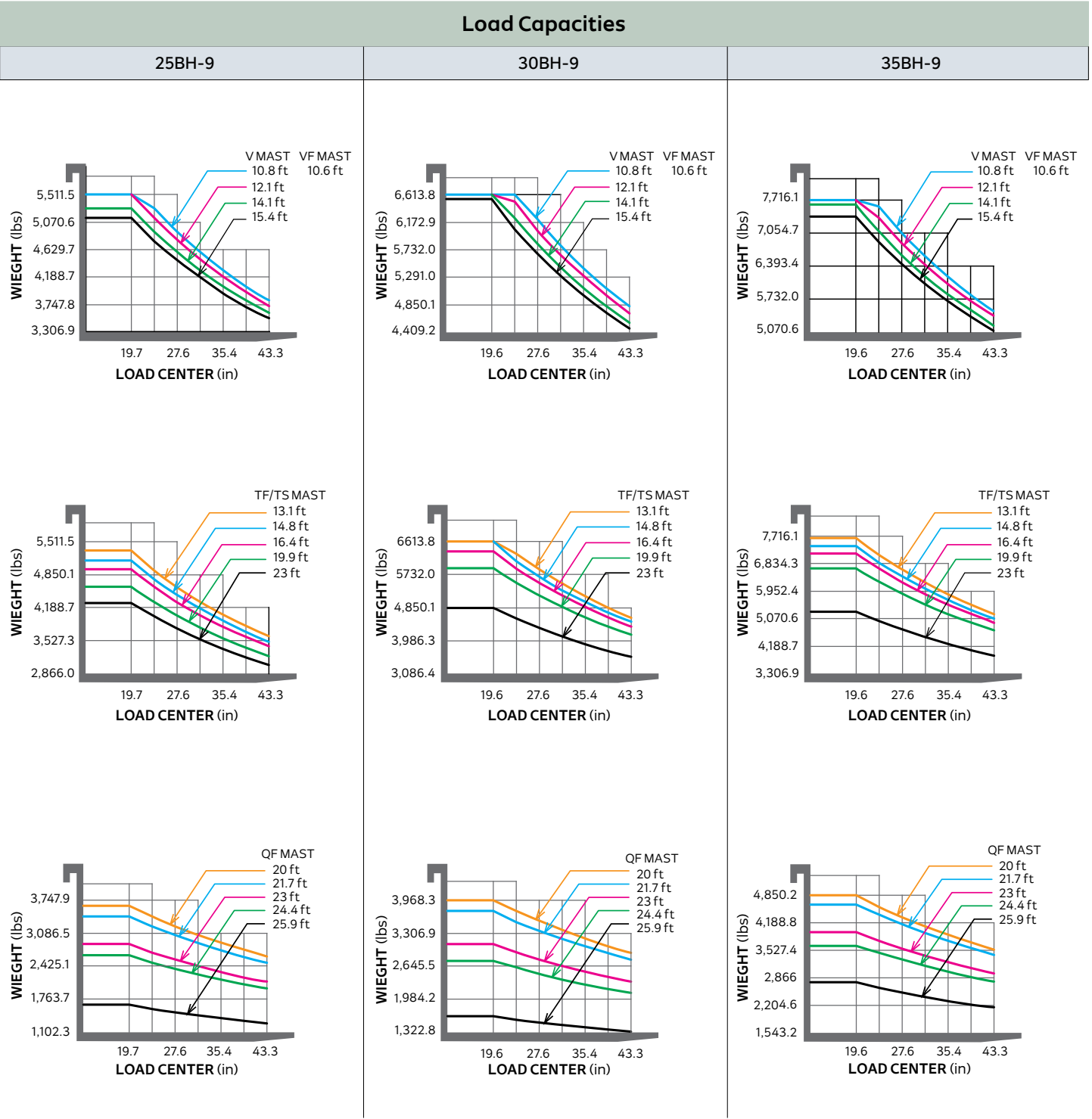
TS-Mast : Wide Visible 3-Stage Full Free Lift Mast with 2 Free Lift Cylinders.

\* Standard

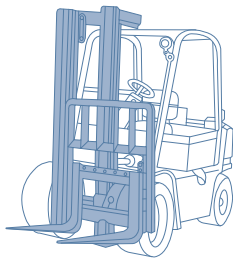
| 35BH-9                    |          |                     |                          |                  |                   |                               |                 |     |                             |                              |                         |
|---------------------------|----------|---------------------|--------------------------|------------------|-------------------|-------------------------------|-----------------|-----|-----------------------------|------------------------------|-------------------------|
| Mast Type                 |          | Maximum Fork Height | Overall Height (Lowered) | Free Lift Height |                   |                               | Mast Tilt Angle |     | Load capacity w/o Sideshift | Load capacity with Sideshift | Truck Weight (Unloaded) |
|                           |          |                     |                          | w/ Load Backrest | w/o Load Backrest | w/o Load Backrest (3/4 SPOOL) | Fwd             | Bwd | 24 in LC                    | 24 in LC                     |                         |
|                           |          |                     |                          |                  |                   |                               |                 |     | lb                          | lb                           |                         |
| 2-Stage Limited Free Lift | V300     | 118.3               | 82.4                     | 4.5              | 4.5               | 4.5                           | 6               | 8   | 7,000                       | 7,000                        | 12,306                  |
|                           | V330*    | 130.1               | 88.3                     |                  |                   |                               | 6               | 8   | 7,000                       | 7,000                        | 12,357                  |
|                           | V350     | 138.0               | 92.2                     |                  |                   |                               | 6               | 8   | 7,000                       | 7,000                        | 12,398                  |
|                           | V370     | 145.9               | 98.1                     |                  |                   |                               | 6               | 8   | 7,000                       | 7,000                        | 12,451                  |
|                           | V400     | 157.7               | 104.1                    |                  |                   |                               | 6               | 8   | 7,000                       | 7,000                        | 12,503                  |
|                           | V430     | 169.5               | 110.0                    |                  |                   |                               | 6               | 6   | 7,000                       | 7,000                        | 12,615                  |
|                           | V450     | 177.4               | 115.9                    |                  |                   |                               | 6               | 6   | 7,000                       | 7,000                        | 12,685                  |
|                           | V470     | 185.2               | 119.8                    |                  |                   |                               | 6               | 6   | 7,000                       | 6,810                        | 12,719                  |
|                           | V500     | 197.0               | 125.7                    |                  |                   |                               | 6               | 6   | 6,920                       | 6,620                        | 12,772                  |
| 2-Stage Full Free Lift    | VF/VS295 | 117.2               | 82.4                     | 35.9             | 54.2              | 54.2                          | 6               | 6   | 7,000                       | 7,000                        | 12,385                  |
|                           | VF/VS325 | 129.0               | 88.3                     | 41.9             | 60.1              | 60.1                          | 6               | 6   | 7,000                       | 7,000                        | 12,458                  |
|                           | VF/VS345 | 136.9               | 92.2                     | 45.8             | 64.1              | 64.1                          | 6               | 6   | 7,000                       | 7,000                        | 12,531                  |
| 3-Stage Full Free Lift    | TF370    | 145.9               | 74.5                     | 28.1             | 46.3              | 46.3                          | 6               | 6   | 7,000                       | 7,000                        | 12,742                  |
|                           | TF400    | 157.7               | 78.5                     | 32.0             | 50.3              | 50.3                          | 6               | 6   | 7,000                       | 7,000                        | 12,795                  |
|                           | TF430    | 169.5               | 82.4                     | 35.9             | 54.2              | 54.2                          | 6               | 6   | 7,000                       | 7,000                        | 12,856                  |
|                           | TF450    | 177.4               | 86.3                     | 39.9             | 58.1              | 58.1                          | 6               | 6   | 7,000                       | 7,000                        | 12,911                  |
|                           | TF470    | 185.2               | 88.3                     | 41.9             | 60.1              | 60.1                          | 6               | 6   | 7,000                       | 6,760                        | 12,948                  |
|                           | TF500    | 197.0               | 92.2                     | 45.8             | 64.1              | 64.1                          | 6               | 6   | 6,830                       | 6,530                        | 12,997                  |
|                           | TF550    | 216.7               | 100.1                    | 53.7             | 71.9              | 71.9                          | 6               | 6   | 6,610                       | 6,310                        | 13,094                  |
|                           | TF600    | 236.4               | 108.0                    | 61.5             | 79.8              | 79.8                          | 6               | 6   | 6,420                       | 6,120                        | 13,189                  |
|                           | TF650    | 256.1               | 115.9                    | 69.4             | 86.7              | 81.1                          | 3               | 3   | 5,400                       | 5,100                        | 13,302                  |
|                           | TF700    | 275.8               | 123.7                    | 77.3             | 94.5              | 89.0                          | 3               | 3   | 4,590                       | 4,290                        | 13,388                  |
|                           | TS370    | 145.9               | 74.5                     | 28.1             | 46.3              | 46.3                          | 6               | 6   | 7,000                       | 7,000                        | 12,742                  |
|                           | TS400    | 157.7               | 78.5                     | 32.0             | 50.3              | 50.3                          | 6               | 6   | 7,000                       | 7,000                        | 12,795                  |
|                           | TS430    | 169.5               | 82.4                     | 35.9             | 54.2              | 54.2                          | 6               | 6   | 7,000                       | 7,000                        | 12,856                  |
|                           | TS450    | 177.4               | 86.3                     | 39.9             | 58.1              | 58.1                          | 6               | 6   | 7,000                       | 7,000                        | 12,911                  |
|                           | TS470    | 185.2               | 88.3                     | 41.9             | 60.1              | 60.1                          | 6               | 6   | 7,000                       | 6,760                        | 12,948                  |
|                           | TS500    | 197.0               | 92.2                     | 45.8             | 64.1              | 64.1                          | 6               | 6   | 6,830                       | 6,530                        | 12,997                  |
|                           | TS550    | 216.7               | 100.1                    | 53.7             | 71.9              | 71.9                          | 6               | 6   | 6,610                       | 6,310                        | 13,094                  |
|                           | TS600    | 236.4               | 108.0                    | 61.5             | 79.8              | 79.8                          | 6               | 6   | 6,420                       | 6,120                        | 13,189                  |
|                           | TS650    | 256.1               | 115.9                    | 69.4             | 85.6              | 80.0                          | 3               | 3   | 5,400                       | 5,100                        | 13,302                  |
|                           | TS700    | 275.8               | 123.7                    | 77.3             | 93.4              | 87.9                          | 3               | 3   | 4,590                       | 4,290                        | 13,388                  |
| 4-Stage Full Free Lift    | QF610    | 240.7               | 85.0                     | 40.0             | 57.4              | 57.4                          | 3               | 3   | 5,180                       | 4,880                        | 14,565                  |
|                           | QF660    | 260.4               | 92.8                     | 47.9             | 65.3              | 65.3                          | 3               | 3   | 4,980                       | 4,680                        | 14,697                  |
|                           | QF700    | 276.2               | 96.8                     | 51.9             | 69.3              | 69.3                          | 3               | 3   | 4,390                       | 4,090                        | 14,764                  |
|                           | QF745    | 293.9               | 102.7                    | 57.8             | 75.2              | 74.1                          | 3               | 3   | 4,080                       | 3,780                        | 14,865                  |
|                           | QF790    | 311.6               | 108.6                    | 63.7             | 80.1              | 74.1                          | 3               | 3   | 3,040                       | 2,740                        | 15,087                  |

TS-Mast : Wide Visible 3-Stage Full Free Lift Mast with 2 Free Lift Cylinders.

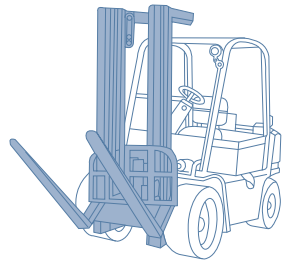
\* Standard



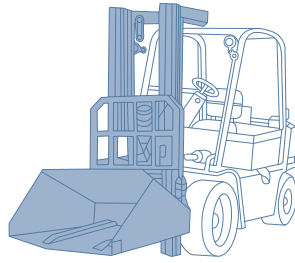
Side Shift



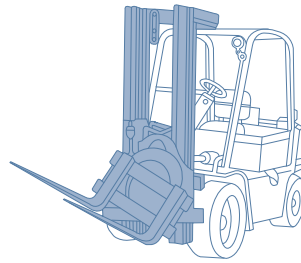
Hinged Fork



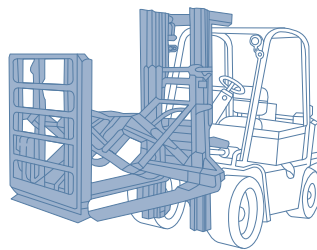
Hinged Bucket



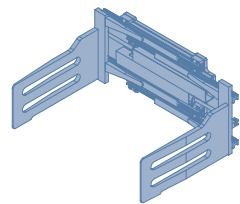
Rotating Fork



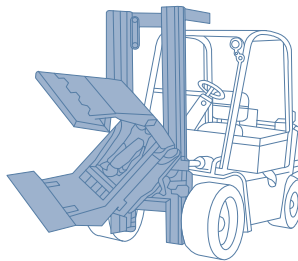
Push Pull



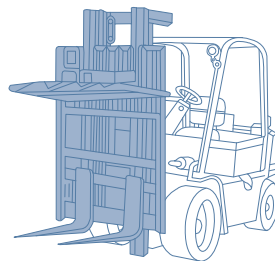
Bale Clamp



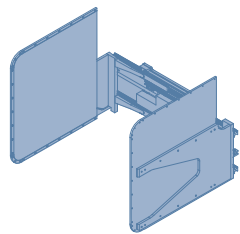
Rotating Roll Clamp



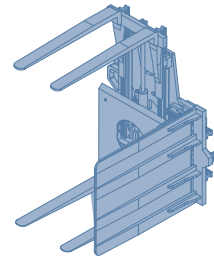
Load Stabilizer



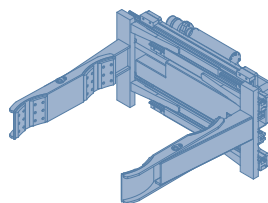
Carton Clamp



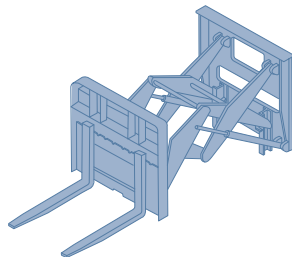
Pallet Invert



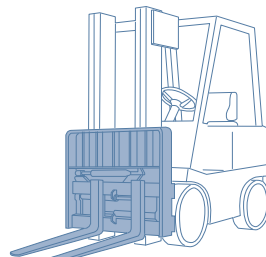
Drum Clamp



Load Extender



Fork Positioner



# HI-MATE MANAGEMENT SYSTEM

Hi-Mate is one of the industry's most advanced remote management system. With continuous data collection, Hi-Mate delivers more communication, control, and ability to track, monitor, maintain, and manage your forklift fleet. It is the proven way to efficiently coordinate both your equipment and human resources.

**ONLY HYUNDAI OFFERS YOU SUCH A COMPREHENSIVE, FULLY INTEGRATED TELEMATICS SYSTEM.**

Hi-Mate works by collecting key data from sensors mounted to your equipment that track operation of the forklift, relaying that information to your computer or mobile device in real time. By monitoring key components, such as the engine, electric system, and hydraulics, Hi-Mate can help you evaluate machine and operator performance, create preventive maintenance programs, and help you minimize downtime as you maximize productivity.



**HiMATE**



Equipment operation management

Real-time monitoring and follow-up management of individual pieces of equipment or equipment fleet deliver essential operational status and information, including:

- Key-on time, travel hours, work hours, and GPS location



Equipment status management

Vital diagnostic and maintenance data is relayed as alerts, while Hi-Mate Premium provides tracking of pre-shift checklists to help reduce downtime and ensure OSHA compliance:

- Alerts are sent for DTCs, system warning, and required maintenance



Safe traveling control

An impact monitor provides alerts, accountability, and follow-up management of safety incidents involving equipment during operation:

- The system logs the number and severity of impacts as well as the operator who was logged into the unit at the time of the incident

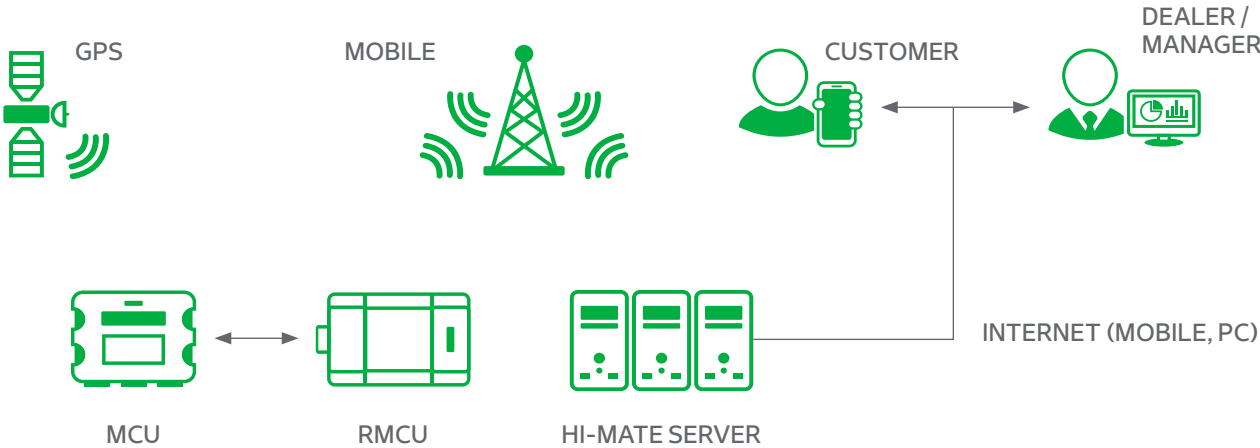


Human resource management

Hi-Mate Premium can control who operates equipment via a pin pad and RFID reader:

- Provided information can be used to evaluate productivity, efficiency, and workforce safety
- Tracking the weight load indicator captures operator productivity

## Data Flow



## 25/30/35BH-9 Series Options

### Fork (in)

#### 25BH-9

- 39.4 • 41.3 • 47.2
- 53.2 • 59.1 • 65

#### 30/35BH-9

- 41.3 • 47.2 • 65 • 70.9
- 77.6 • 83.5 • 90.6 • 94.5

### Mast Attachment

- Integral Side Shift
- Fork Positioner
- Integral Fork Positioner with Shift

### Tire

- Solid (std)
- Pneumatic
- Non-Marking

### Seat

- Armrest
- Heat

### Fingertip Control

**Cold Storage** (for -30° cold working environments)

### M.C.V.

- 2-Spool (std)
- 3-Spool
- 4-Spool

### Auto Fork Leveling System

### Beacon Lamp

### Weight Indicator

### Rear Work lamp

### OPSS (mast)

### UL

- ES
- EE

### Cabin with Heater

### Direction Switch on Lever

### Full LED Lamp



## THE 25/30/35BH-9 COMES WITH OUR BEST-IN-CLASS WARRANTY

When you build better equipment, you can back them better. That's why Hyundai forklifts come with a 3-year, 4,000-hour warranty that sets a new standard for overall lowest cost of ownership.

**NO ONE  
DELIVERS MORE**



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