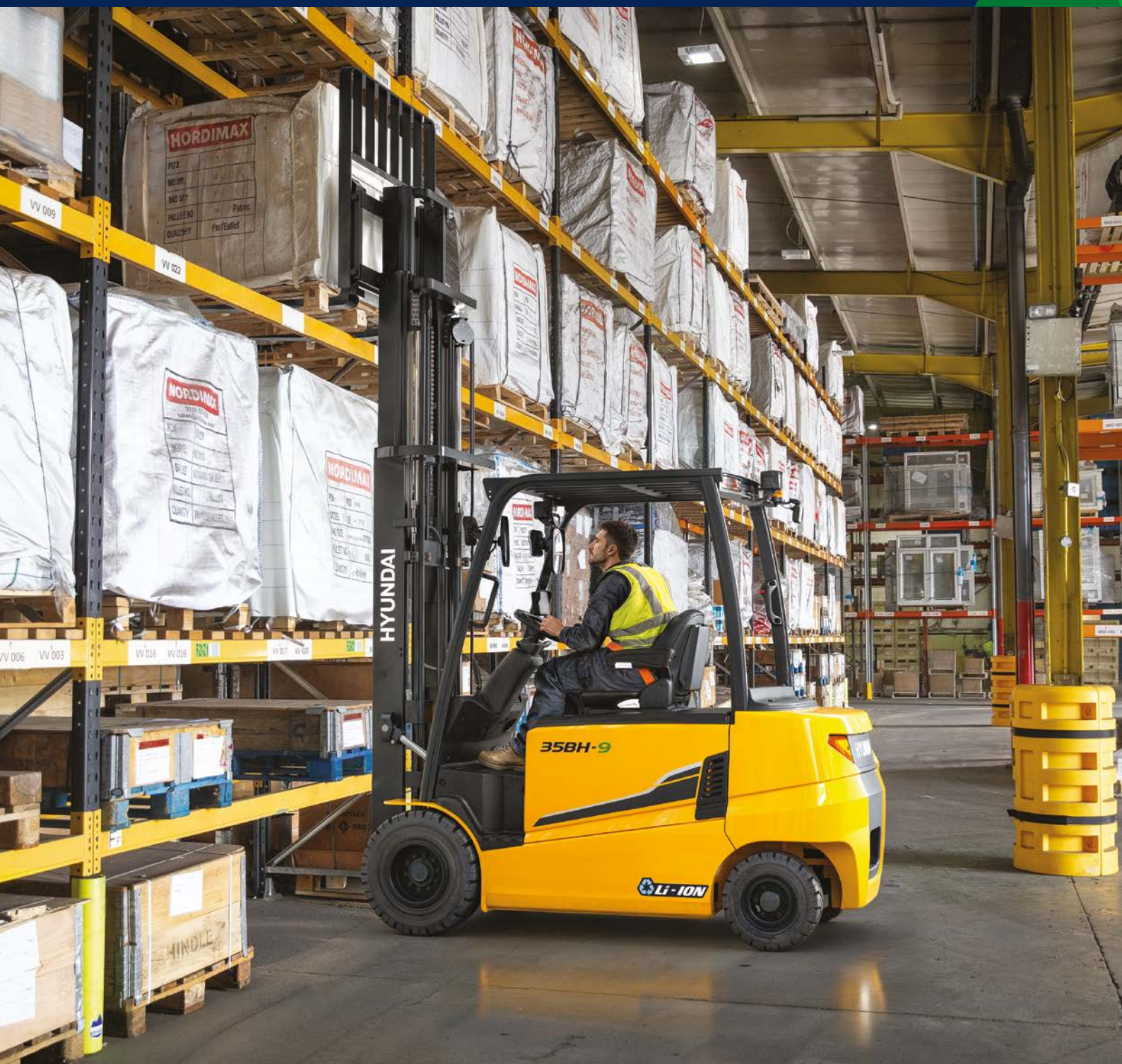


# 25/30/35BH-9

BH-9 SERIES 80V BATTERY FORKLIFT TRUCKS



Load Capacity  
2500 – 3500 kg

Drive Motor Rating  
80 V • 2x8 kW

Lift Height  
3005 – 7915 mm

# REDEFINED POWER. PRECISE CONTROL. MORE COMFORT.

## The New Hyundai BH-9 80V Electric Forklifts - Powered by Proven AC Technology

Engineered with cutting-edge AC technology, the new Hyundai 25/30/35BH-9 80V electric forklifts deliver reliable performance and enhanced operator comfort. With a low noise hydraulic system, reduced energy consumption, increased lift speed, smoother acceleration, they offer intuitive control, greater productivity and lower total cost of ownership.

### ► NEW 5 inch LCD colour cluster

High-performance 5 inch display with powerful CPU provides clear, real-time visibility of essential vehicle data and warning alerts, even in bright sunlight.



### Key features

#### Efficiency & performance

- Reduced energy consumption (~7%)\*
- Dual drive system
- Excellent gradeability and high travel speed
- High quality Li-ion battery\* **OPTION**
- Fingertip control lever **OPTION**
- Automatic fork levelling system **OPTION**
- Integrated directional and horn controls on lift lever
- Adjustable performance modes: High, Normal, Economy
- Up to 12% lift speed increase\*

#### Optimised ergonomics

- Low noise hydraulic system (~4dBA)\*
- Spacious and ergonomic operating area
- Newly designed 5 inch LCD colour cluster\*
- Ergonomical pedal layout with adjustable accelerator response
- Adjustable tilting steering column
- Real time steering wheel position displayed on the cluster screen

#### Advanced safety

- Optimised visibility
- Pedestrian detection system\* **OPTION**
- Adjustable maximum travel speed limitation
- Curve control
- Anti roll back system
- Safety LED lighting. Blue Spot and Red Zone lights **OPTION**

\*New on these BH-9 facelift series

## STANDARD/OPTIONAL EQUIPMENT

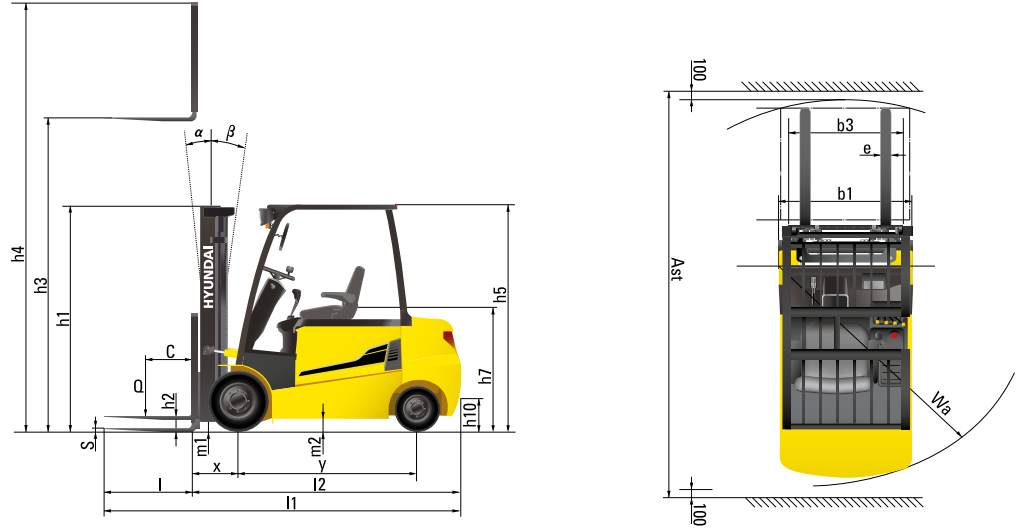
| DESCRIPTION        |             |                                                                 | 25BH-9                              | 30BH-9                              | 35BH-9                              |
|--------------------|-------------|-----------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| MAST & ATTACHMENTS | MAST        | V - duplex - no free lift (3005 ~ 5005 mm)                      | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | VF - duplex - free lift - 1 central cylinder (3276 mm)          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | VS - duplex - free lift - 2 central cylinders (3276 mm)         | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | TF - triplex - free lift - 1 central cylinder (4305 ~ 7005 mm)  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | TS - triplex - free lift - 2 central cylinders (4305 ~ 5505 mm) | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | TS - triplex - free lift - 2 central cylinders (6000 mm)        | -                                   | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | QF - quadrex - free lift - 1 central cylinder (6115 ~ 7015 mm)  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | QF - quadrex - free lift - 1 central cylinder (7915 mm)         | -                                   | <input type="checkbox"/>            | -                                   |
|                    |             | Attachment piping for 3, 4 spool                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    | CARRIAGE    | Backrest                                                        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| HYDRAULICS         | LOAD CENTRE | Load centre 500mm                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    | ATTACHMENT  | Hook-on side shift                                              | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Hook-on side shift + fork positioner (simultaneous)             | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Hook-on fork positioner (simultaneous)                          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Hook-on fork positioner (independent)                           | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    | FORKS       | Standard: 1050 mm                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | Other forks length: 900 ~ 1800 mm                               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    | MCV         | 3 spool control valve                                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | 4 spool control valve                                           | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    | LEVER       | Manual                                                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| OPERATION          | OIL         | Fingertip                                                       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Hydraulic oil VG46                                              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | Hydraulic oil VG15                                              | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    | CABIN       | Overhead guard 2210mm                                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | Single-panel door cabin                                         | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Top, front, rear window + wipers                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    | CLIMATE     | Heater                                                          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    | SEAT        | Grammer - vinyl                                                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | Grammer - fabric                                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Armrest L, R                                                    | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Heated                                                          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | High backrest                                                   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| VISIBILITY         | MIRROR      | Panoramic mirror                                                | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | LH + RH mirror                                                  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    | LIGHTS      | Front worklight (LED)                                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | Tail lights                                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | Orange beacon light                                             | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Rear worklight (LED)                                            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Blue spot                                                       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Red zone                                                        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Back-up alarm buzzer                                            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | High mast travel speed reduction                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| SAFETY             | CONVENIENCE | Battery master switch                                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | 12V charger plug                                                | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | Auto tilt                                                       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Hyundai Connect basic                                           | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Hyundai Connect premium (add-on)                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Forward / reverse switch on lift lever                          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Load indicator                                                  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Radio + USB                                                     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| BATTERY            |             | Li-ion 80 V / 690Ah                                             | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Lead-acid 80V / 620Ah                                           | <input type="checkbox"/>            | -                                   | -                                   |
|                    |             | Lead-acid 80V / 700 ~ 775Ah                                     | -                                   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| CHARGER            |             | Li-ion 24kW / 80V - 3ph / 400V / 59A                            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Lead-acid HF 5 ~ 6.4kW / 80V                                    | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| TYRES              |             | Single front tyres                                              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |             | Solid                                                           | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| OTHERS             | FRAME       | Solid non-marking                                               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |             | Side battery removal                                            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

● Standard    □ Optional    - Not available

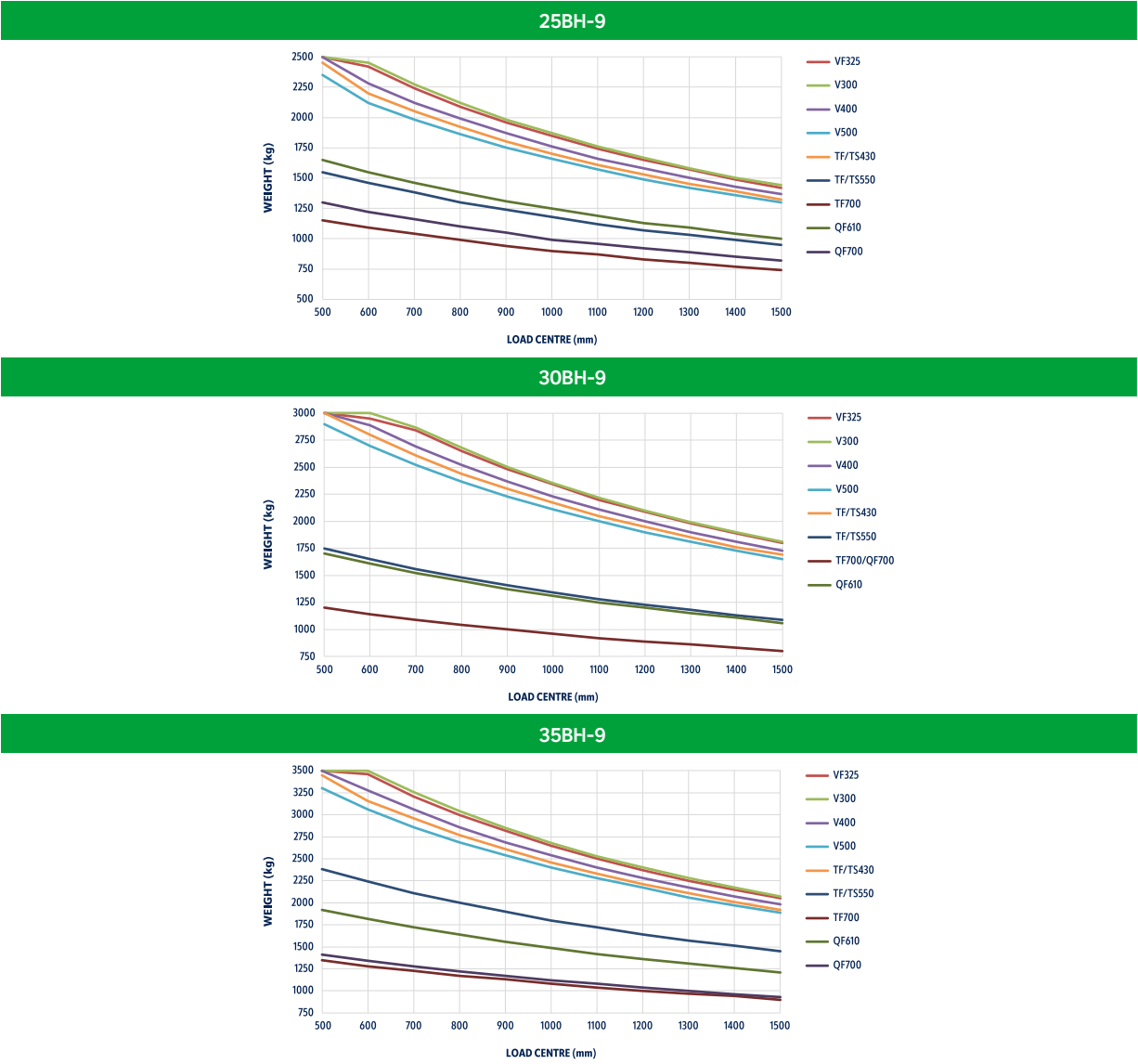
# SPECIFICATIONS

| IDENTIFICATION   |                                                                 |             |        |                      |                      |                      |
|------------------|-----------------------------------------------------------------|-------------|--------|----------------------|----------------------|----------------------|
|                  | Front wheel type (single / double)                              |             |        | Single               |                      |                      |
| 1.1              | Manufacturer (abbreviation)                                     |             |        | Hyundai              |                      |                      |
| 1.2              | Manufacturer's type designation                                 |             |        | 25BH-9 facelift 2026 | 30BH-9 facelift 2026 | 35BH-9 facelift 2026 |
| 1.3              | Drive: electric (battery or mains), diesel, petrol, LPG         |             |        | Electric             |                      |                      |
| 1.4              | Operator type: hand, pedestrian, standing, seated, order-picker |             |        | Seated               |                      |                      |
| 1.5              | Rated capacity / rated load                                     | (Q)         | kg     | 2500                 | 3000                 | 3500                 |
| 1.6              | Load centre distance                                            | (c)         | mm     | 500                  |                      |                      |
| 1.8              | Load distance, centre of drive axle to fork                     | (x)         | mm     | 458                  |                      | 470                  |
| 1.10             | Wheelbase                                                       | (y)         | mm     | 1575                 | 1719                 |                      |
| WEIGHTS          |                                                                 |             |        |                      |                      |                      |
| 2.1              | Service weight                                                  |             | kg     | 4710                 | 5130                 | 5605                 |
| 2.2              | Axle loading, loaded front / rear                               |             | kg     | 6340 / 870           | 7237 / 893           | 8054 / 1051          |
| 2.3              | Axle loading, unloaded front / rear                             |             | kg     | 2320 / 2390          | 2565 / 2565          | 2579 / 3026          |
| TYRES / CHASSIS  |                                                                 |             |        |                      |                      |                      |
| 3.1              | Tyres: superelastic, pneumatic, polyurethane                    |             |        | Superelastic         |                      |                      |
| 3.2              | Tyre size, front                                                |             |        | 23 x 9 - 10          |                      | 23 x 10 - 12         |
| 3.3              | Tyre size, rear                                                 |             |        | 18 x 7 - 8           |                      |                      |
| 3.5              | Wheels, number front / rear (x = driven wheels)                 |             |        | 2x / 2               |                      |                      |
| 3.6              | Tread, front                                                    | (b10)       | mm     | 993                  |                      | 1005                 |
| 3.7              | Tread, rear                                                     | (b11)       | mm     | 980                  |                      |                      |
| DIMENSIONS       |                                                                 |             |        |                      |                      |                      |
| 4.1              | Tilt of mast / fork carriage forward / backward                 | (α / β)     | degree | 6 / 8                |                      |                      |
| 4.2              | Height, mast lowered                                            | (h1)        | mm     | 2162                 |                      | 2243                 |
| 4.3              | Free lift                                                       | (h2)        | mm     | 115                  |                      |                      |
| 4.4              | Lift height                                                     | (h3)        | mm     | 3305                 |                      |                      |
| 4.5              | Height, mast extended                                           | (h4)        | mm     | 4485                 |                      |                      |
| 4.7              | Height of overhead guard (cabin)                                | (h5)        | mm     | 2210 (2238)          |                      |                      |
| 4.8              | Seat height relating to SIP / stand height                      | (h7)        | mm     | 1225                 |                      |                      |
| 4.12             | Coupling height                                                 | (h10)       | mm     | 396                  |                      |                      |
| 4.19             | Overall length                                                  | (l1)        | mm     | 3415                 | 3545                 | 3650                 |
| 4.20             | Length to face of forks                                         | (l2)        | mm     | 2365                 | 2495                 | 2600                 |
| 4.21             | Overall width                                                   | (b1)        | mm     | 1200                 |                      | 1250                 |
| 4.22             | Fork dimensions DIN ISO 2331                                    | (l x e x s) | mm     | 1050 x 100 x 45      |                      | 1050 x 122 x 45      |
| 4.23             | Fork carriage ISO 2328, class / type A, B                       |             |        | 2A                   | 3A                   |                      |
| 4.24             | Fork carriage width                                             | (b12)       | mm     | 1102                 |                      |                      |
| 4.31             | Ground clearance below mast loaded                              | (m1)        | mm     | 117                  |                      | 128                  |
| 4.32             | Ground clearance centre of wheelbase                            | (m2)        | mm     | 116                  |                      |                      |
| 4.34.1           | Aisle width for pallets 1000 x 1200 crossways (l x w)           | (Ast)       | mm     | 3680                 | 3798                 | 3916                 |
| 4.34.2           | Aisle width for pallets 800 x 1200 crossways (w x l)            | (Ast)       | mm     | 3858                 | 3985                 | 4103                 |
| 4.35             | Turning radius                                                  | (Wa)        | mm     | 1999                 | 2127                 | 2233                 |
| 4.36             | Internal turning radius                                         | (b13)       | mm     | 337.8                | 404.3                |                      |
| PERFORMANCE DATA |                                                                 |             |        |                      |                      |                      |
| 5.1              | Travel speed loaded / unloaded                                  |             | km/h   | 18 / 19              |                      |                      |
| 5.2              | Lift speed loaded / unloaded                                    |             | mm/s   | 460 / 600            | 380 / 500            | 360 / 500            |
| 5.3              | Lowering speed loaded / unloaded                                |             | mm/s   | 500 / 450            |                      |                      |
| 5.6              | Max. drawbar pull loaded / unloaded                             |             | N      | 18022 / 17767        | 17865 / 17747        | 16846 / 16914        |
| 5.8              | Max. gradeability loaded / unloaded                             |             | %      | 26 / 24              | 22 / 24              | 19 / 22              |
| ELECTRIC MOTOR   |                                                                 |             |        |                      |                      |                      |
| 6.1              | Drive motor rating S2 60 min                                    |             | kW     | 8.0 x 2              |                      |                      |
| 6.2              | Lift motor rating at S3 15%                                     |             | kW     | 19.7                 |                      |                      |
| 6.4              | Battery voltage, nominal capacity K5                            |             | V/Ah   | 80 / 500             | 80 / 600             |                      |
| 6.5              | Battery weight                                                  |             | kg     | 1600                 | 2000                 |                      |
|                  | Battery compartment dimensions l / w / h                        |             | mm     | 1030 x 714 x 794     | 1030 x 858 x 794     | 1030 x 858 x 794     |
| DRIVE MECHANISM  |                                                                 |             |        |                      |                      |                      |
| 8.1              | Type of drive control                                           |             |        | AC                   |                      |                      |
| 8.11             | Service brake                                                   |             |        | Wet disc brake       |                      |                      |
| ADDITIONAL DATA  |                                                                 |             |        |                      |                      |                      |
| 10.1             | Operating pressure system / attachments                         |             | bar    | 190 / 130            |                      | 210 / 130            |
| 10.2             | Oil volume for attachments                                      |             | l/min  | 39                   |                      |                      |
| 10.7             | Sound level at the driver's ear according to DIN 12053          |             | dB(A)  | 70.9                 |                      |                      |

# DIMENSIONS



# LOAD CAPACITY



MAST SPECIFICATION

| 25BH-9                                       |       |                        |                        |                  |                             |                     |                  |                      |                               |                 |                                                       |
|----------------------------------------------|-------|------------------------|------------------------|------------------|-----------------------------|---------------------|------------------|----------------------|-------------------------------|-----------------|-------------------------------------------------------|
| Mast Type                                    |       | Maximum fork height h3 | Maximum mast height h4 |                  | Overall height (lowered) h1 | Free lift height h2 |                  | Tilt angle fwd / bwd | Load capacity @ LC 500mm (kg) |                 | Truck weight (unloaded) standard configuration** (kg) |
|                                              |       |                        | With backrest          | Without backrest |                             | With backrest       | Without backrest |                      | Without side shift            | With side shift |                                                       |
|                                              |       | mm                     | mm                     | mm               | mm                          | mm                  | mm               | (°)                  | Single tyre                   | Single tyre     |                                                       |
| V-Duplex - no free lift                      | V300  | 3005                   | 4185                   | 3610             | 2012                        | 115                 |                  | 6° / 8°              | 2500                          | 2500            | 4691                                                  |
|                                              | V330  | 3305                   | 4485                   | 3910             | 2162                        |                     |                  | 6° / 8°              | 2500                          | 2500            | 4710                                                  |
|                                              | V350  | 3505                   | 4685                   | 4110             | 2262                        |                     |                  | 6° / 8°              | 2500                          | 2500            | 4727                                                  |
|                                              | V370  | 3705                   | 4885                   | 4310             | 2412                        |                     |                  | 6° / 8°              | 2500                          | 2475            | 4749                                                  |
|                                              | V400  | 4005                   | 5185                   | 4610             | 2562                        |                     |                  | 6° / 8°              | 2500                          | 2425            | 4771                                                  |
|                                              | V450  | 4505                   | 5685                   | 5110             | 2862                        |                     |                  | 6° / 6°              | 2400                          | 2325            | 4849                                                  |
|                                              | V500  | 5005                   | 6185                   | 5610             | 3112                        |                     |                  | 6° / 6°              | 2350                          | 2275            | 4886                                                  |
| VF-Duplex - free lift - 1 central cylinder   | VF325 | 3276                   | 4456                   | 3911             | 2162                        | 1063                | 1527             | 6° / 6°              | 2500                          | 2500            | 4784                                                  |
| VS-Duplex - free lift - 2 central cylinders  | VS325 | 3276                   | 4456                   | 3911             | 2162                        | 1063                | 1527             | 6° / 6°              | 2500                          | 2500            | 4784                                                  |
| TF-Triplex - free lift - 1 central cylinder  | TF430 | 4305                   | 5485                   | 4940             | 2012                        | 913                 | 1377             | 6° / 6°              | 2450                          | 2375            | 4878                                                  |
|                                              | TF450 | 4505                   | 5685                   | 5140             | 2112                        | 1013                | 1477             | 6° / 6°              | 2400                          | 2325            | 4899                                                  |
|                                              | TF470 | 4705                   | 5885                   | 5340             | 2162                        | 1063                | 1527             | 6° / 6°              | 2350                          | 2275            | 4910                                                  |
|                                              | TF500 | 5005                   | 6185                   | 5640             | 2262                        | 1163                | 1627             | 6° / 6°              | 2300                          | 2225            | 4935                                                  |
|                                              | TF550 | 5505                   | 6685                   | 6140             | 2462                        | 1363                | 1827             | 6° / 6°              | 2200                          | 2125            | 4974                                                  |
|                                              | TF600 | 6005                   | 7185                   | 6640             | 2662                        | 1563                | 2027             | 6° / 6°              | 2150                          | 2075            | 5011                                                  |
|                                              | TF650 | 6505                   | 7685                   | 7140             | 2862                        | 1763                | 2061             | 3° / 3°              | 1800                          | 1725            | 5062                                                  |
|                                              | TF700 | 7005                   | 8185                   | 7640             | 3062                        | 1963                | 2261             | 3° / 3°              | 1400                          | 1325            | 5101                                                  |
| TS-Triplex - free lift - 2 central cylinders | TS430 | 4305                   | 5485                   | 4940             | 2012                        | 913                 | 1377             | 6° / 6°              | 2450                          | 2375            | 4878                                                  |
|                                              | TS450 | 4505                   | 5685                   | 5140             | 2112                        | 1013                | 1477             | 6° / 6°              | 2400                          | 2325            | 4899                                                  |
|                                              | TS470 | 4705                   | 5885                   | 5340             | 2162                        | 1063                | 1527             | 6° / 6°              | 2350                          | 2275            | 4910                                                  |
|                                              | TS500 | 5005                   | 6185                   | 5640             | 2262                        | 1163                | 1627             | 6° / 6°              | 2300                          | 2225            | 4935                                                  |
|                                              | TS550 | 5505                   | 6685                   | 6140             | 2462                        | 1363                | 1827             | 6° / 6°              | 2200                          | 2125            | 4974                                                  |
| QF-Quadrex - free lift - 1 central cylinder  | QF610 | 6115                   | 7295                   | 6750             | 2147                        | 1017                | 1459             | 3° / 3°              | 1650                          | 1575            | 5276                                                  |
|                                              | QF700 | 7015                   | 8195                   | 7650             | 2447                        | 1317                | 1759             | 3° / 3°              | 1300                          | 1225            | 5366                                                  |
| 30BH-9                                       |       |                        |                        |                  |                             |                     |                  |                      |                               |                 |                                                       |
| Mast Type                                    |       | Maximum fork height h3 | Maximum mast height h4 |                  | Overall height (lowered) h1 | Free lift height h2 |                  | Tilt angle fwd / bwd | Load capacity @ LC 500mm (kg) |                 | Truck weight (unloaded) standard configuration** (kg) |
|                                              |       |                        | With backrest          | Without backrest |                             | With backrest       | Without backrest |                      | Without side shift            | With side shift |                                                       |
|                                              |       | mm                     | mm                     | mm               | mm                          | mm                  | mm               | (°)                  | Single tyre                   | Single tyre     |                                                       |
| V-Duplex - no free lift                      | V300  | 3005                   | 4185                   | 3673             | 2093                        | 115                 |                  | 6° / 8°              | 3000                          | 3000            | 5109                                                  |
|                                              | V330  | 3305                   | 4485                   | 3973             | 2243                        |                     |                  | 6° / 8°              | 3000                          | 3000            | 5130                                                  |
|                                              | V350  | 3505                   | 4685                   | 4173             | 2343                        |                     |                  | 6° / 8°              | 3000                          | 3000            | 5148                                                  |
|                                              | V370  | 3705                   | 4885                   | 4373             | 2493                        |                     |                  | 6° / 8°              | 3000                          | 3000            | 5172                                                  |
|                                              | V400  | 4005                   | 5185                   | 4673             | 2643                        |                     |                  | 6° / 8°              | 3000                          | 3000            | 5196                                                  |
|                                              | V450  | 4505                   | 5685                   | 5173             | 2943                        |                     |                  | 6° / 6°              | 3000                          | 2950            | 5277                                                  |
|                                              | V500  | 5005                   | 6185                   | 5673             | 3112                        |                     |                  | 6° / 6°              | 2900                          | 2775            | 5317                                                  |
| VF-Duplex - free lift - 1 central cylinder   | VF325 | 3276                   | 4456                   | 3999             | 2243                        | 1063                | 1527             | 6° / 6°              | 3000                          | 2950            | 5176                                                  |
| VS-Duplex - free lift - 2 central cylinders  | VS325 | 3276                   | 4456                   | 3999             | 2243                        | 1063                | 1527             | 6° / 6°              | 2500                          | 2500            | 4784                                                  |
| TF-Triplex - free lift - 1 central cylinder  | TF430 | 4305                   | 5485                   | 5028             | 2093                        | 913                 | 1377             | 6° / 6°              | 3000                          | 2950            | 5338                                                  |
|                                              | TF450 | 4505                   | 5685                   | 5228             | 2193                        | 1013                | 1477             | 6° / 6°              | 3000                          | 2875            | 5343                                                  |
|                                              | TF470 | 4705                   | 5885                   | 5428             | 2243                        | 1063                | 1527             | 6° / 6°              | 2950                          | 2825            | 5355                                                  |
|                                              | TF500 | 5005                   | 6185                   | 5728             | 2343                        | 1163                | 1627             | 6° / 6°              | 2900                          | 2775            | 5380                                                  |
|                                              | TF550 | 5505                   | 6685                   | 6228             | 2543                        | 1363                | 1827             | 6° / 6°              | 2800                          | 2675            | 5423                                                  |
|                                              | TF600 | 6005                   | 7185                   | 6728             | 2743                        | 1563                | 2027             | 6° / 6°              | 2700                          | 2575            | 5465                                                  |
|                                              | TF650 | 6505                   | 7685                   | 7228             | 2943                        | 1763                | 2061             | 3° / 3°              | 2250                          | 2125            | 5516                                                  |
|                                              | TF700 | 7005                   | 8185                   | 7728             | 3143                        | 1963                | 2261             | 3° / 3°              | 1850                          | 1725            | 5555                                                  |
| TS-Triplex - free lift - 2 central cylinders | TS430 | 4305                   | 5485                   | 5028             | 2093                        | 913                 | 1377             | 6° / 6°              | 3000                          | 2950            | 5338                                                  |
|                                              | TS450 | 4505                   | 5685                   | 5228             | 2193                        | 1013                | 1477             | 6° / 6°              | 3000                          | 2875            | 5343                                                  |
|                                              | TS470 | 4705                   | 5885                   | 5428             | 2243                        | 1063                | 1527             | 6° / 6°              | 2950                          | 2825            | 5355                                                  |
|                                              | TS500 | 5005                   | 6185                   | 5728             | 2343                        | 1163                | 1627             | 6° / 6°              | 2900                          | 2775            | 5380                                                  |
|                                              | TS550 | 5505                   | 6685                   | 6228             | 2543                        | 1363                | 1827             | 6° / 6°              | 2800                          | 2675            | 5423                                                  |
|                                              | TS600 | 6005                   | 7185                   | 6728             | 2743                        | 1563                | 2027             | 6° / 6°              | 2700                          | 2575            | 5465                                                  |
| QF-Quadrex - free lift - 1 central cylinder  | QF610 | 6115                   | 7295                   | 6838             | 2158                        | 1017                | 1459             | 3° / 3°              | 1800                          | 1675            | 5663                                                  |
|                                              | QF700 | 7015                   | 8195                   | 7738             | 2458                        | 1317                | 1759             | 3° / 3°              | 1400                          | 1275            | 5753                                                  |
|                                              | QF790 | 7915                   | 9095                   | 8638             | 2747                        | 1567                | 1645             | 3° / 3°              | 750                           | 625             | 5900                                                  |

MAST SPECIFICATION

| 35BH-9                                       |       |                        |                        |                  |                             |                     |                  |                      |                               |                 |                                                       |
|----------------------------------------------|-------|------------------------|------------------------|------------------|-----------------------------|---------------------|------------------|----------------------|-------------------------------|-----------------|-------------------------------------------------------|
| Mast Type                                    |       | Maximum fork height h3 | Maximum mast height h4 |                  | Overall height (lowered) h1 | Free lift height h2 |                  | Tilt angle fwd / bwd | Load capacity @ LC 500mm (kg) |                 | Truck weight (unloaded) standard configuration** (kg) |
|                                              |       |                        | With backrest          | Without backrest |                             | With backrest       | Without backrest |                      | Without side shift            | With side shift |                                                       |
|                                              |       | mm                     | mm                     | mm               | mm                          | mm                  | mm               | (°)                  | Single tyre                   | Single tyre     |                                                       |
| V-Duplex - no free lift                      | V300  | 3005                   | 4185                   | 3770             | 2093                        | 115                 |                  | 6° / 8°              | 3500                          | 3500            | 5582                                                  |
|                                              | V330  | 3305                   | 4485                   | 4070             | 2243                        |                     |                  | 6° / 8°              | 3500                          | 3500            | 5605                                                  |
|                                              | V350  | 3505                   | 4685                   | 4270             | 2343                        |                     |                  | 6° / 8°              | 3500                          | 3500            | 5624                                                  |
|                                              | V370  | 3705                   | 4885                   | 4470             | 2493                        |                     |                  | 6° / 8°              | 3500                          | 3500            | 5648                                                  |
|                                              | V400  | 4005                   | 5185                   | 4770             | 2643                        |                     |                  | 6° / 8°              | 3500                          | 3430            | 5671                                                  |
|                                              | V450  | 4505                   | 5685                   | 5270             | 2943                        |                     |                  | 6° / 6°              | 3450                          | 3300            | 5754                                                  |
|                                              | V500  | 5005                   | 6185                   | 5770             | 3193                        |                     |                  | 6° / 6°              | 3300                          | 3150            | 5793                                                  |
| VF-Duplex - free lift - 1 central cylinder   | VF325 | 3276                   | 4456                   | 4005             | 2243                        | 1063                | 1527             | 6° / 6°              | 3500                          | 3430            | 5651                                                  |
| VS-Duplex - free lift - 2 central cylinders  | VS325 | 3276                   | 4456                   | 4005             | 2243                        | 1063                | 1527             | 6° / 6°              | 3500                          | 3430            | 5651                                                  |
| TF-Triplex - free lift - 1 central cylinder  | TF430 | 4305                   | 5485                   | 5034             | 2093                        | 913                 | 1377             | 6° / 6°              | 3450                          | 3300            | 5832                                                  |
|                                              | TF450 | 4505                   | 5685                   | 5234             | 2193                        | 1013                | 1477             | 6° / 6°              | 3400                          | 3250            | 5856                                                  |
|                                              | TF470 | 4705                   | 5885                   | 5434             | 2243                        | 1063                | 1527             | 6° / 6°              | 3350                          | 3200            | 5873                                                  |
|                                              | TF500 | 5005                   | 6185                   | 5734             | 2343                        | 1163                | 1627             | 6° / 6°              | 3300                          | 3150            | 5895                                                  |
|                                              | TF550 | 5505                   | 6685                   | 6234             | 2543                        | 1363                | 1827             | 6° / 6°              | 3150                          | 3000            | 5940                                                  |
|                                              | TF600 | 6005                   | 7185                   | 6734             | 2743                        | 1563                | 2027             | 6° / 6°              | 3100                          | 2950            | 5983                                                  |
|                                              | TF650 | 6505                   | 7685                   | 7234             | 2943                        | 1763                | 2061             | 3° / 3°              | 2600                          | 2450            | 6034                                                  |
|                                              | TF700 | 7005                   | 8185                   | 7734             | 3143                        | 1963                | 2261             | 3° / 3°              | 2200                          | 2050            | 6073                                                  |
| TS-Triplex - free lift - 2 central cylinders | TS430 | 4305                   | 5485                   | 5034             | 2093                        | 913                 | 1377             | 6° / 6°              | 3450                          | 3300            | 5832                                                  |
|                                              | TS450 | 4505                   | 5685                   | 5234             | 2193                        | 1013                | 1477             | 6° / 6°              | 3400                          | 3250            | 5856                                                  |
|                                              | TS470 | 4705                   | 5885                   | 5434             | 2243                        | 1063                | 1527             | 6° / 6°              | 3350                          | 3200            | 5873                                                  |
|                                              | TS500 | 5005                   | 6185                   | 5734             | 2343                        | 1163                | 1627             | 6° / 6°              | 3300                          | 3150            | 5895                                                  |
|                                              | TS550 | 5505                   | 6685                   | 6234             | 2543                        | 1363                | 1827             | 6° / 6°              | 3150                          | 3000            | 5940                                                  |
|                                              | TS600 | 6005                   | 7185                   | 6734             | 2743                        | 1563                | 2027             | 6° / 6°              | 3100                          | 2950            | 5983                                                  |
| QF-Quadrex - free lift - 1 central cylinder  | QF610 | 6115                   | 7295                   | 6905             | 2158                        | 1017                | 1459             | 3° / 3°              | 2500                          | 2350            | 6607                                                  |
|                                              | QF700 | 7015                   | 8195                   | 7805             | 2458                        | 1317                | 1759             | 3° / 3°              | 2100                          | 1950            | 6697                                                  |
|                                              | QF790 | 7915                   | 9095                   | 8705             | 2758                        | 1617                | 1882             | 3° / 3°              | 1450                          | 1300            | 6843                                                  |

\*\* Standard configuration: No options, without attachment, forks only, without hydraulic piping





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HY-MH-00137\_09/2026\_EN\_ISSUE1