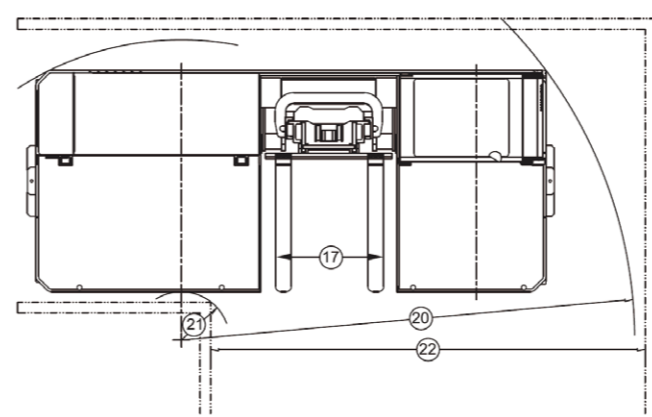
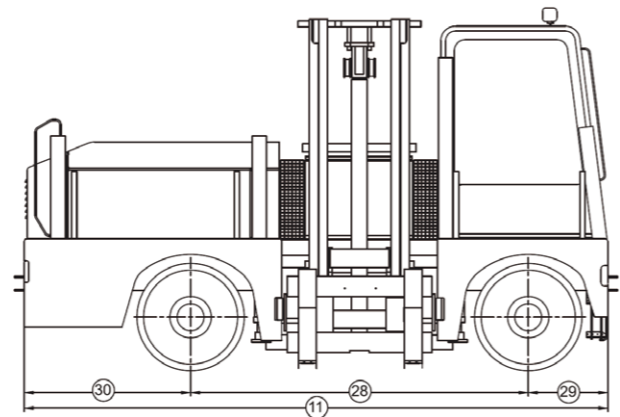
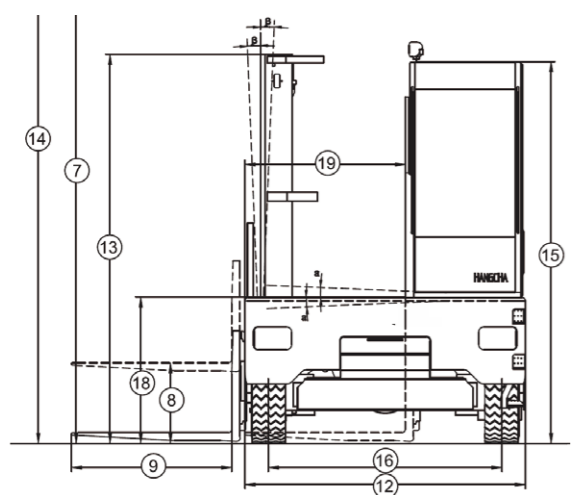


# Side load 3.0/5.0/6.0t

## Side load 3.0/5.0/6.0t specification

| Distinguishing mark | Specification  |                          |               |               |               |               |               |               |
|---------------------|--|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                     | 1.1  | 1.2                      | 1.3           | 1.5           | 1.6           | 1.8           | 1.9           | 2.1           |
| 1.1                 | Manufacturer (abbreviation)                                  |                          |               |               |               |               |               |               |
| 1.2                 | Manufacturer's type designation                              | CCCD30-G52               | CCCD30-W31B   | CCCD50-G53    | CCCD50-W34    | CCCD60-G53    | CCCD60-W34    |               |
| 1.3                 | Drive: electric (battery or mains), diesel, petrol, fuel gas | Diesel                   | Diesel        | Diesel        | Diesel        | Diesel        | Diesel        |               |
| 1.5                 | Rated capacity/rated load                                    | Q (kg)                   | 3000          | 3000          | 5000          | 5000          | 6000          | 6000          |
| 1.6                 | Load centre distance   | c (mm)                   | 500           | 500           | 600           | 600           | 600           | 600           |
| 1.8                 | Load distance, centre of drive axle to fork                  | x (mm)                   | 605           | 605           | 660           | 660           | 660           | 660           |
|                     | Rear overhang  | mm                       | 1105          | 1105          | 1430          | 1430          | 1430          | 1430          |
| 1.9                 | Wheelbase  | y (mm)                   | 2550          | 2550          | 2800          | 2800          | 2800          | 2800          |
| 2.1                 | Service Weight   | kg                       | 5600          | 5600          | 8500          | 8500          | 8800          | 8800          |
| 3.2                 | Tyre size, front   |                          | 8.25-15-14RP  | 8.25-15-14RP  | 9.00-16-14RP  | 300-15-18RP   | 9.00-16-14RP  | 300-15-18RP   |
| 3.3                 | Tyre size, rear  |                          | 8.25-15-14RP  | 8.25-15-14RP  | 9.00-16-14RP  | 300-15-18RP   | 9.00-16-14RP  | 300-15-18RP   |
| 3.6                 | Tread, front   | b <sub>10</sub> (mm)     | 1600          | 1600          | 1750          | 1750          | 1750          | 1750          |
| 3.7                 | Tread, rear  | b <sub>11</sub> (mm)     | 1600          | 1600          | 1750          | 1750          | 1750          | 1750          |
| 4.1                 | Tilt of mast/fork carriage forward/backward                  | $\alpha/\beta$ (°)       | 3/5           | 3/5           | 3/5           | 3/5           | 3/5           | 3/5           |
| 4.2                 | Height, mast lowered   | h <sub>1</sub> (mm)      | 2700          | 2700          | 2890          | 2865          | 2890          | 2865          |
| 4.3                 | Free lift  | h <sub>2</sub> (mm)      | 300           | 300           | 300           | 300           | 300           | 300           |
| 4.4                 | Lift   | h <sub>3</sub> (mm)      | 3600          | 3600          | 3600          | 3600          | 3600          | 3600          |
| 4.5                 | Height, mast extended  | h <sub>4</sub> (mm)      | 4600          | 4600          | 4600          | 4575          | 4600          | 4575          |
| 4.7                 | Height of overhead cabin                                     | h <sub>6</sub> (mm)      | 2643          | 2643          | 2790          | 2765          | 2790          | 2765          |
| 4.19                | Overall length   | l <sub>1</sub> (mm)      | 4260          | 4260          | 4890          | 4890          | 4890          | 4890          |
| 4.21                | Overall width  | b <sub>1</sub> (mm)      | 2040          | 2040          | 2100          | 2100          | 2100          | 2100          |
| 4.22                | Fork dimensions ISO 2331                                     | s/e/l (mm)               | 125x45x1070   | 1070x125x45   | 150x60x1200   | 1200x150x60   | 150x60x1200   | 1200x150x60   |
| 4.31                | Ground clearance, laden, below mast                          | m <sub>1</sub> (mm)      | 150           | 150           | 190           | 165           | 190           | 165           |
| 4.35                | Turning radius   | W <sub>a</sub> (mm)      | 4255          | 4255          | 4700          | 4700          | 4700          | 4700          |
|                     | Min. right angle stacking aisle width (Add load length and)  | mm                       | 3750          | 3750          | 3800          | 3800          | 3800          | 3800          |
|                     | Platform height  | mm                       | 980           | 980           | 1075          | 1050          | 1075          | 1050          |
|                     | Platform width   | mm                       | 1182          | 1182          | 1200          | 1200          | 1200          | 1200          |
| 5.1                 | Travel speed, laden/unladen                                  | km/h                     | 15/17         | 21/22         | 24/26.5       | 24/25         | 24/26.5       | 24/25         |
| 5.2                 | Lift speed, laden/unladen                                    | m/s                      | 0.300/-       | 0.320/-       | 0.320/-       | 0.320/-       | 0.320/-       | 0.320/-       |
|                     | Mast moving out speed  | m/s                      | 0.285         | 0.300         | 0.300         | 0.300         | 0.300         | 0.300         |
| 5.7                 | Gradeability, laden/unladen                                  | %                        | 15/-          | 18/-          | 20/-          | 20/-          | 20/-          | 20/-          |
| 5.10                | Service brake  |                          | Vacuum assist | Vacuum assist | Vacuum assist | Vacuum assist | Vacuum assist | Vacuum assist |
|                     | Parking brake  |                          | Mechanical    | Mechanical    | Mechanical    | Mechanical    | Mechanical    | Mechanical    |
| 7.1                 | Engine manufacturer/type                                     |                          | 4D32G31       | B3.3NAT3-C65  | 4D35ZG31      | 1104D-44T     | 4D35ZG31      | 1104D-44T     |
| 7.2                 | Engine power according to DIN ISO 1585                       | kw                       | 36.8          | 48            | 60            | 62            | 60            | 62            |
| 7.3                 | Rated speed  | min                      | 2500          | 2600          | 2200          | 2200          | 2200          | 2200          |
| 7.4                 | Number of cylinders/displacement                             | (-) / (cm <sup>3</sup> ) | -/3170        | -/3259        | -/3460        | -/4400        | -/3460        | -/4400        |
| 7.10                | Battery voltage/nominal capacity                             | V/Ah                     | 12/90         | 12/90         | 12x2/90       | 12x2/90       | 12x2/90       | 12x2/90       |
|                     | Rated torque   | N·m/r/min                | 186/1600-1800 | 214/1600      | 300/1600-1800 | 354/1400      | 300/1600-1800 | 354/1400      |
|                     | Transmissions Manufacturer                                   |                          | CHINA         | OKAMURA       | CHINA         | CHINA         | CHINA         | CHINA         |
|                     | Transmissions Type   |                          | Powershift    | Powershift    | Powershift    | Powershift    | Powershift    | Powershift    |
|                     | Stage FWD/RVS  |                          | 1/1           | 1/1           | 2/2           | 2/2           | 2/2           | 2/2           |
| 10.1                | Operating pressure for attachments                           | bar                      | 175           | 175           | 180           | 180           | 180           | 180           |
| 10.4                | Fuel tank capacity   | liter                    | 66            | 66            | 100           | 100           | 100           | 100           |



### LOAD CHART

