

## Technical data

### DCB32R0RO

#### Lifting data

|  |     |               |
|--|-----|---------------|
| Lifting capacity, rated - at max. lifting height | kg  | 32000 - 32000 |
| Lifting speed, unloaded - at rated load          | m/s | 0,25 - 0,20   |
| Lowering speed, unloaded - at rated load         | m/s | 0,20 - 0,30   |

#### Driving data

|   |      |         |
|---|------|---------|
| Travelling speed forward, unloaded - at rated load  | km/h | 25 - 22 |
| Travelling speed backward, unloaded - at rated load | km/h | 25 - 22 |
| Gradeability at 2 km/h, unloaded - at rated load    | %    | 28 - 18 |
| Max. gradeability, unloaded - at rated load         | %    | 28 - 24 |
| Drawbar pull  | kN   | 187     |
| Stability according to EN 1551                      |      |         |

#### Weight of truck

|   |    |               |
|---|----|---------------|
| Service weight                            | kg | 39300         |
| Axle load front, unloaded - at rated load | kg | 17600 - 66100 |
| Axle load rear, unloaded - at rated load  | kg | 21700 - 5200  |

#### Motor

|   |          |                   |
|---|----------|-------------------|
| Manufacturer - type designation         |          | Volvo TWD731VE    |
| Fuel - type of engine                   |          | Diesel - 4 stroke |
| Power according to ISO 3046 - at speed  | kW-r/min | 167 - 2200        |
| Torque according to ISO 3046 - at speed | Nm-r/min | 893 - 1300-1450   |
| Number of cylinders - compression       |          | 6 - 17,7:1        |
| Alternator, type - power                | W        | AC - 1540         |
| Starting battery, voltage - capacity    | V-Ah     | 2x12 - 140        |
| Fuel consumption, normal driving        | l/h      | 12 - 14           |

#### Transmission

|                                    |  |                    |
|------------------------------------|--|--------------------|
| Manufacturer - type designation    |  | Clark 13,711R32312 |
| Clutch, type                       |  | Torque converter   |
| Gearbox, type                      |  | Powershift         |
| Number of gears, forward - reverse |  | 3 - 3              |
| Driving axle, type                 |  | Hub reduction      |

#### Wheels

|   |     |                     |
|---|-----|---------------------|
| Type, front - rear                        |     | Pneumatic           |
| Dimension, front - rear                   |     | 16.00x25 - 16.00x25 |
| Number of wheels, front - rear (* driven) |     | 4* - 2              |
| Pressure                                  | MPa | 0,9                 |

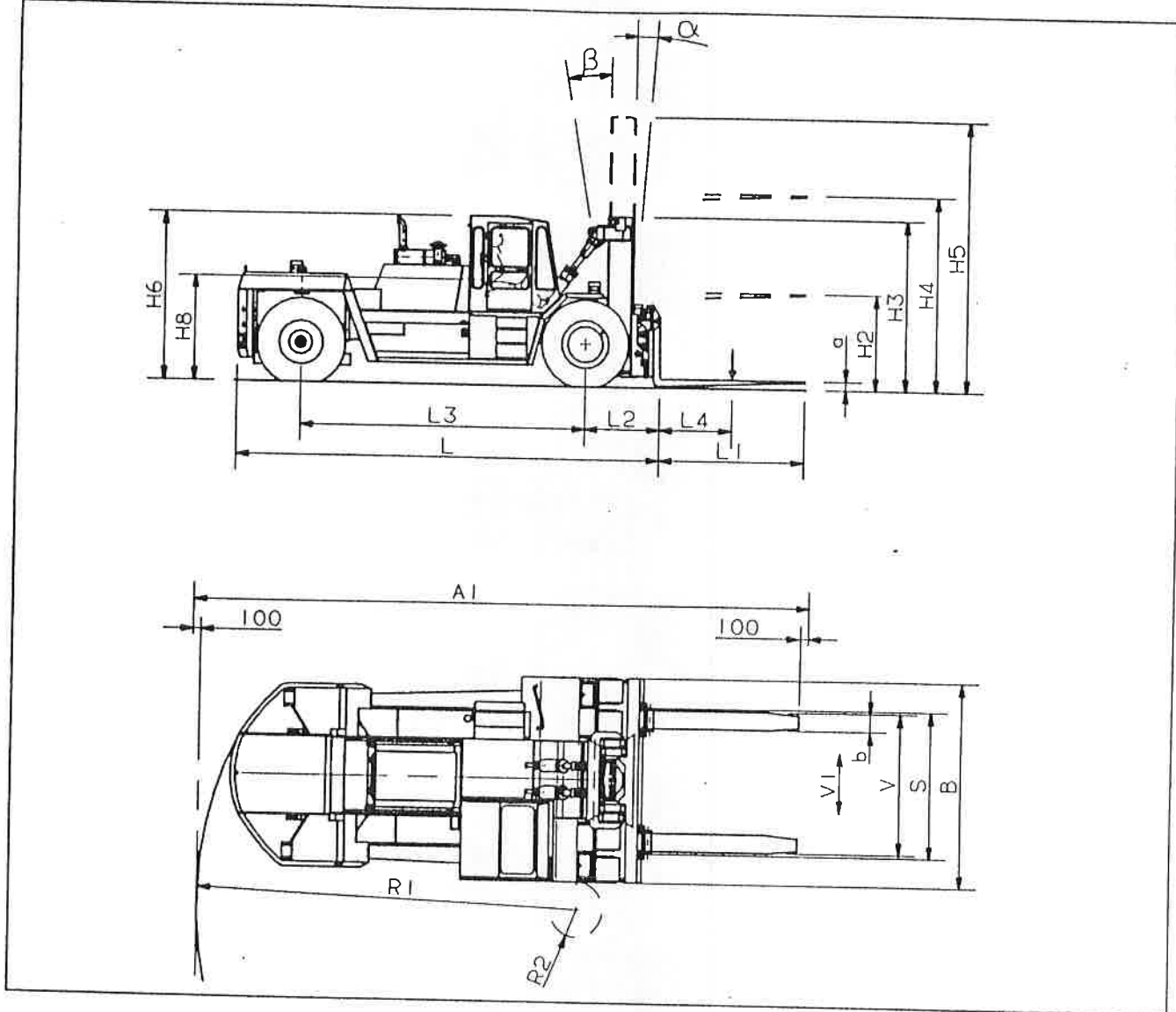
#### Steering and brake system

|  |       |                                 |
|--|-------|---------------------------------|
| Steering system - manoeuvring                                      |       | Servo assisted - Steering wheel |
| Driving brake system, type - affected wheels                       |       | Wet disc brakes - Drive wheel   |
| Parking brake system, type - affected wheels                       |       | Spring brake - Drive wheel      |
| Max. hydraulic pressure  | MPa   | 22,5                            |
| Noise level according to DIN 45635 part 36, cabin - overhead guard | dB(A) | 72 - —                          |
| Fuel volume  | l     | 300                             |
| Hydraulic oil volume   | l     | 270                             |

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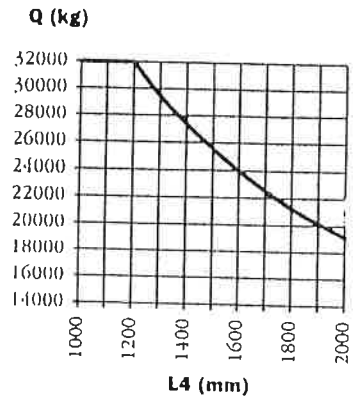
# DCB32RORO

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### Dimensions

|  |       |    |             |
|--|-------|----|-------------|
| Lifting height - free lift                   | H4-H2 | mm | 3200 - 1550 |
| Tilting of lifting mast, forward - backward  | α-β   | °  | 4 - 10      |
| Turning radius                               | R1-R2 | mm | 6400 - 450  |
| Min. aisle for 90° stacking with forks       | A1    | mm | 10100       |
| Mast height, min. - max.                     | H3-H5 | mm | 2840 - 4490 |
| Height of machine                            | H6    | mm | 2830        |
| Length of truck                              | L     | mm | 7065        |
| Width of truck                               | B     | mm | 3410        |
| Length of fork arm                           | l     | mm | 2400        |
| Load centre                                  | L4    | mm | 1200        |
| Width over fork arms, max. - min.            | V     | mm | 3150 - 1650 |
| Sideshift max. ± - at width over fork arms   | V1-V  | mm | 400 - 2350  |
| Fork arm, width - thickness                  | b-a   | mm | 300 - 110   |
| Distance front axle / front face of fork arm | L2    | mm | 1245        |
| Wheel base                                   | L3    | mm | 4750        |
| Track (c-c), front - rear                    | S     | mm | 2440 - 2540 |
| Ground clearance, min.                       |       | mm | 200         |
| Height of seat                               | H8    | mm | 1850        |
| Height when tipping cabin, max.              | T1    | mm | —           |
| Width when tipping cabin, max.               | T2    | mm | —           |



The design and materials specification are subject to alteration without prior notice.  
 Tolerances according to Kalmar LMY K-standard 95430.0009.  
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