

Technical specifications for Kalmar DCE50-6HM
with lifting rack and other equipment as described.

Capacity:

Lifting capacity: 5000 kg

Load center: 600 mm

Lifting height: 4000 mm

Lifting mast:

Duplex standard free view with chains and hoses fitted with tanks at maximum transparency.

Min. height mast: 2875 mm (building height)

Max height mast: 5000 mm

Fork carriage:

Sideshift spread

Fork carriage width: 1500 mm

Forks: Dimension 1200x140x50 mm

Measures:

Length without forks: 3285 mm

Wheelbase: 2100 mm

Width: 1550 mm

Height without mast: 2895 mm

Cab:

The cab, Spirit Delta, is built to meet current high standards safety, ergonomics and operator environment. Steering wheel, driver's seat and hydraulic control levers are individually adjustable to ensure the best possible operator comfort. Well sized heaters and defroster systems also contribute. Fresh air is supplied through cabin filter.

Engine:

Manufactured by: Perkins

Type: 1104D-E44TA

Effect: 74.5kW / 2200 rpm

Number of cylinders: 4

torque: 412 Nm - 1400 rpm

Transmission:

Hydrostatic with drive train mechanical control

Hydraulic pump and hydraulic motor

Drive train:

Manufactured by: Kessler
Type: With hub reduction and differential

Steering axle:

Kalmar's self-developed, with very powerful double-acting steering cylinders and minimal with moving parts. The shaft is attached frame using two very powerful, maintenance-free spherical rubber element. The design allows for large wheel strikes that result small turning radius.

Wheels and tires :

Rear wheels 2 pcs. 315/70 x 15 air rubber tires
Steering wheels 2 pcs. 28 x 9 x 15 air rubber tires

Electrical equipment:

24 volt electrical system with main switch mounted.
Battery capacity: 2 x 12V - 140 Ah

Brakes:

Service Brake: Maintenance-free oil-cooled slats that eliminate brake adjustment and can withstand extremely high loads over a long period of time.

The system is completely closed and unaffected by humidity and contaminants.

Parking brake: Disc brake on the input shaft of the drive shaft. This employed by spring force and exposed by means of hydraulic pressure.

Equipment including:

Fire extinguisher (6 kg. Powder apparatus)
Opening of route in side door both sides
Tinted routes
Door holder gas-damped left side
BeGe 9130, air suspension, heat and belt
Sun curtain roof
Window cleaner in ceiling with flushing
Rear window interval wiper
Mud gards on drive wheels
Extra interior mirror
Long boarding cabin left side
Piston accumulator (stabilizer accumulator) for lifting function
Switch forward and reverse positioned by lifting levers.
2 pcs. headlamps in mast
2 pcs. headlamps on front screens
2 pcs. back light rear cabin
Daytime running lights, indicator lights, brake lights std.
Cylinder support in forklift std.

Anti-slip strips on front screens
Electronic inching