

Kalmar DCG90-180

Lift trucks 9 – 18 tonnes



Standard & Optional equipment

Standard equipment

Models/chassis

- Tow bar for towing.

Cabin, EGO

- Std seat incl. 2-point belt.
- Clear windows incl. sliding windows in left and right door.
- Complete doors with locks left and right side.
- Complete manoeuvre system right hand console incl. std display (electric adjustable).
- Multi function level left side incl. horn, direction indicator, high and low beam.
- Brake system with pedal left and right side.
- Internal comfort incl. mirrors, handles, interior lighting etc.
- Wiper and washers front/rear and roof window.
- Hydraulic steering system incl. steering wheel with steering wheel knob.
- External reverse lights.
- Cab tilting.
- Heat and ventilation ECH with fresh air inlet filter.
- Speed control pedal right side.
- Kalmar std Key system.

- Display DP250 (colour) and menu control with toggle wheel (cab):
 - Fuel level, indicator in display.
 - Engine, transmission temperature.
 - Oil pressure engine.
 - Battery voltage.
 - Clock and date.
 - Hour meter.
 - Service time indicator.
 - Speed.
 - Engine speed (RPM).
 - Various information via pop-up.

Mast and carriage

- Lifting eyes in mast.

Drive train

- Steering axle: Kalmar
- Drive axle: Kessler
- Temperature control cooling fan.
- Automatic gear shift with declutch at brake pressure, possible to change to manual gearshift (std with up and down button in panel).

Hydraulics

- Electrical servo.
- 2 functions lift, tilt.
- Level sight glass on hydraulic oil tank.
- Tilt angles std 5/10.

Body

- Steps with anti-slip protection.

Electrical system

- Electrical system 24 V.
- Rear lights and brake lights, LED.
- Head lights incl. high and low beam.
- Working light mast 2 pcs.
- Indicator lamps incl. hazard lights, LED.
- Main power switch.

Wheels

- DCG90-120: 11,00x20DCG100-180:12,00x20
- DCG180-6: 12,00x12, Michelin XZM

Colour

- Cab: Gray RAL 7011
- Chassis: Red RAL 3000
- Lifting equipment: Black RAL 7021

Documentation and decals

- Operators manual.
- Maintenance manual.
- Parts catalogue.

Optional equipment

Models/chassis

- DCG90-6 (L3=2800)
- DCG100-6 (L3=3000)
- DCG120-6 (L3=3000)
- DCG127-6 (L3=3000)
- DCG140-6 (L3=3250)
- DCG100-12 (L3=3250)
- DCG120-12 (L3=3500)
- DCG150-6 (L3=3250)
- DCG150-12 (L3=3500)
- DCG160-6 (L3=3500)
- DCG160-9 (L3=3500)
- DCG160-12 (L3=3750)
- DCG180-6 (L3=3250)
- DCG160-12 (L3=3750) with capacity 17000@1200 incl. Michelin tyres. Not available in combination with triplex mast. Reduced capacity in combination with terminal west.

Cabin, EGO

- Comfort seat air suspended.
- Head rest for drivers seat.
- Seat upholstery, reinforced.
- Armrest left side.
- Extra seat incl. safety belt.

- Tinted glass incl. laminated front screen.
- Air conditioning ECC, incl. climate system off during open doors.
- Writing desk.
- Holder for terminal and monitor.
- Box for A4 paper.
- Sun visor for front, roof and rear.
- Radio with MP3, 24V.
- 2 pcs. 12 V and 2 pcs. 24 V outlets.
- Cab heater incl. socket.
- Electric strong tone horn.
- Rotating beacon adjustable.
- Mirrors, left and right side on Cab walls.
- Protection grid for roof screen.
- Protection grid front and roof screen.
- Std roof screen 6 mm replaced by 12 mm.
- Switch by lift lever for forward and reverse.
- Mini-steering.
- Globetrotter cab.
- Raised cab 300 mm.

Mast and carriage

- Long tilt cylinder fixation.
- Extended wheel distance in mast/carriage incl. long tilt cylinder fixation.
- Step on right mast beam.
- Rollers replaces sliding pads in mast/carriage.
- Step on left mast beam, not in combination with triplex mast.

Option masts:

- Duplex standard mast.
- Duplex freelif mast.
- Triplex freelif mast.
- Heavy duty mast duplex standard (only H4 4000, 4500, 5000 and 5500 mm)

Option carriages:

- Fix type.
- Side shift.
- Sideshift/fork positioning.
- Sideshift/fork positioning center levelling.
- Complete carriages sides incl. chains/hoses for intergrated attachment.
- Sideshift/fork positioning pintype/apron
- Heavy duty sideshift/fork positioning (only width 2500 mm)

Option forks:

- Mountings for sideshift/fork positioning carriage (roller type).
- Fork shaft system for sideshift/fork positioning carriage.
- Fork levelling for sideshift/fork positioning carriage.
- Fully tapered forks.
- Fully tapered and polished forks.
- Chamfered forks inner and/or outside.
- Forks total together incl. fork shaft system.
- Load support.
- Extra support rollers outside and rollers moved out.
- Extra support rollers inside and rollers moved out.

Drive train

- Cummins QSB6,7 + ZF (129 kW).
- Cummins QSB6,7 + ZF (164kW).
- Volvo TAD761 + ZF (160kW).
- Engine heater 220 V.
- Automatic stop of system shut down when leaving seat after preset time.
- Reversible cooling fan.
- Diff. lock.

Hydraulics

- Extra hydraulic function.
- Individual fork positioning.
- Quick release couplings aeroquip.
- Tilt angles (8/11 or 10/14).
- Hydraulic oil heater 3 kW, 380 V, 3 FAS+PE+N 5 ledare 16 Amp.
- Accumulator for lift function.
- Automatic on/off for accumulator for lift function.

Body

- Mud flaps for driving and steering wheel.
- Stacking box (not in combination with turnable seat).
- Antislip strips on front mudguards and tanks.
- Antislip plates in aluminium on lampholder and front mudguards.
- Step between tilt cylinders.
- Grid protection for lights mounted on front lampholders.
- Grid protection for lights mounted on counterweight.
- Grid protection for mast lights.
- Lower step with grid.
- Prepared for tyre chains.
- Mirrors, left and right side on front mudguards.

Electrical system

- Reverse alarm.
- Electrical cab pump in combination with standard pump.
- Rotating beacon on counterweight/engine hood, via reverse gear.
- Scale with sum up function (not available on freelifit or triplex mast.)
- Extra working lights in mast.
- Extra Working lights at rear edge of cab roof direction fwd 2 pcs.
- Extra Working lights at rear edge of cab roof direction fwd and sideward 4 pcs.
- Extra Working lights at rear edge of cab roof direction fwd and sideward 6 pcs.
- Extra Working lights at front edge of cab roof direction fwd 2 pcs.
- Containerlightning mounted on cab roof 4 pcs.
- Extra Working lights at rear edge of cab roof direction fwd 2 pcs, xenon.
- Extra working lights incl. step between tilt cylinders.
- Electric start motor switch.
- Std working lights replaced by xenon (std working light mast replaced by xenon).

Additional equipment

- Electronic inching
- Speed limitation
- Central lubrication (14 pts or 19 pts).
- Lifting eyes on counterweight.
- Tool kit.
- Tool box incl. tool kit.
- Fire extinguisher 6.0 kg mounted on front mudguard.
- Fire extinguisher 6.0 kg mounted behind foot step.
- Additional equipment for road traffic (LGF-sign + reflectors).
- Wheel nut protection steering wheel.
- Tilt indicator mechanical.
- Lockable fuel cap.
- Noise reduction kit.
- Noise reduction kit 2 incl. reduced engine rpm (on Stage IIIB engines).
- Sheet-iron in mast for protection against heating.
- Protection head lights of grid and lexan glass.
- Mudguards of iron for protection against heating, front wheel.
- Protection rod piston on tilt cylinder (reduce std tilt 5/10 to 5/8).
- Protection rod piston model Bergbau in carriage.
- Heat resistant hoses in lifting equipment.
- Maintenance kit 2000 h.
- Start aid external power input connector, NATO.

Attachment

- Coil ram.

Wheels

- Std tyres mounted on reinforced rim.
- Spare wheel.
- Spare rim.

Colour

- Option, 1 colour chassis.
- Reinforced corrosion protection of frame
 - Tank and engine hood: Zincprimer+powercoating mast, chassis counterweights.
 - Carriage: priming paint + becrysol excluding cylinders and various mountings.

Documentation and decals

- Extra documentation set.
- Extra documentation set on CD.
- Loadchart lbs/inch inside cab and sign no riders.

Training

- Working Eco driving.

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