

# Tiltrotator EC209

**engcon®**

## EC209: Adaptable for all excavators in the 6–9 ton weight class

**The tiltrotator:** Comes supplied with hose, quick couplings and electrical installation kit for one machine. Top brackets can be adapted to most machines.

- Rotation  $\infty$
- $\pm 45^\circ$  tilt
- Complies with European safety standards
- Extra outlet with high-flow as standard, or double extra outlets (does not apply to models with grab)

**Quick hitch:** We offer most of the quick hitches available on the market.

**Control systems:** Choose between several different control systems based on your machine's characteristics. Equipping your EC209 with engcon's Microprop proportional control system can be a real advantage, as it gives you stepless control and maximum precision.

**Electrical system:** Can be adapted to 12 V or 24 V electrical systems.

### Extra functions:

- Integrated grab
- Can be fitted with load bearing valves, which among other things are a requirement for driving with operating pallet forks (standard requirement for all models with control system)

### EC209



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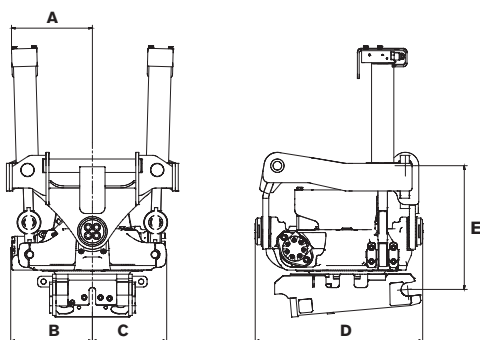


- Integrated lubrication channels, all lubrication points connected to one single lubrication centre
- Stronger top and bottom sections
- $45^\circ$  tilt angle
- Hydraulic motor on the left hand side
- Tilt cylinders prepared for load bearing valves (standard, on models with SS9)
- Grab cylinders\* on models with grabs\* and SS9 are fitted with a dump valve to avoid temporary loss of pressure when changing direction
- Robust breakout force and tilt moment
- Tilt axes with greater bearing surface
- New type of valve for better fuel economy
- Adapted to engcon's Microprop DC2 proportional control system for stepless control with the highest degree of precision.

\* Extra equipment

### Specifications

Model	EC209
Width A: (mm)	266
Width B: (mm)	250
Width C: (mm)	273
Total length D: (mm)	561
Construction height E: (mm)	from 425
Weight: (kg)	from 280
Tilt range:	$45^\circ$
Rec hydraulic flow SS5/SS10: (l/min)	60
Rec hydraulic flow SS9 tilt/rotation: (l/min)	34/40
Working pressure: (MPa)	22
Standard mountings:	S45, S50
Max. bucket width recommended by engcon: (mm)	1,200
Max. tensile stress: (kNm)	74
Base machine weight: (t)	6–9



### TOOL SYSTEMS FOR INCREASED PROFITABILITY

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