

# Tiltrotator EC209

**engcon®**

## EC209: Suitable for all excavators in the 6-9 tonne weight class

A compact, powerful tiltrotator with low weight for excavators up to 9 tons. If the EC209 is selected with engcon's standard quick hitch QS45 and the proportional control system DC2, EC-Oil is offered an automatic quick hitch system as a free standard\*\* This means that the tiltrotator and hydraulic tools can be connected & disconnected without the operator needing to leave the cab.

Comes supplied with hose, quick couplings and electrical installation equipment for one machine.

### Characteristics:

- + The EC-Oil automatic quick hitch system connects the tiltrotator & hydraulic tools without the operator needing to leave the cab\*\*
- + Q-Safe quick hitch for maximum safety
- + Comes ready for detachable gripper GRD (QSD45)
- + Comes ready for sweeper SWD (QSD45)
- + Comes ready for the QSC locking system to avoid wrongly connected or dropped buckets
- + Comes ready for a rotation sensor (ePS) for connection to the excavator guidance system
- + Central lubrication (a single grease point for the entire tiltrotator; can also be connected to the excavator's central lubrication system)
- + Load-holding valves on tilt cylinders for maximum safety
- + Hardened piston rods
- + Up to  $\pm 45^\circ$  tilt angle for best access
- + Rotation  $\infty$

**Quick hitch:** Standard – QS45 For other purposes, we can supply most types of hitches available on the market.

**Control system:** Standard – DC2 proportional control system for infinitely variable control with remote support capability, track/wheel steering and boom slew. For other purposes, we can deliver custom control systems.

**Electrical system:** Can be adapted for 12 or 24 volt electrical systems.

**Accessory:** GRD detachable gripper cassette\*, SWD detachable sweeper\*.

\* Read more about the GRD at [www.engcon.com](http://www.engcon.com)

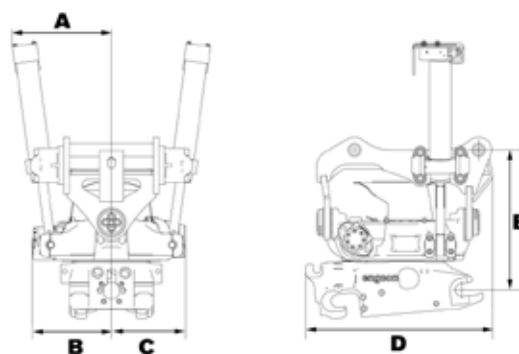
\*\* Read more about the terms and conditions concerning the EC-Oil automatic quick hitch system as a free standard at [www.engcon.com](http://www.engcon.com)



### Specifications

Type	EC209
Width A: (mm)*	277
Width B: (mm)*	250
Width C: (mm)*	273
Length overall D: (mm)*	561
Construction height E: (mm)*	from 425
Weight: (kg)*	287
Tilt:	2x45°
Rec. hydraulic flow DC2/SS10 (l/min):	60
Rec. hydraulic flow SS9 tilt/rotation: (l/min):	35/40
Max hydraulic pressure: (MPa)	22
Standard attachments:	QS45, QS50
Max bucket width rec. by Engcon: (mm)	1,300
Max breakout torque: (kNm)	74
Base machine weight: (t)	6–9

\*Standard attachment



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**engcon UK Ltd.** 200B Ashchurch Business Centre, Tewkesbury, GL20 8TD | Phone +44 (0)1684 297 168

E-mail [uk@engcon.com](mailto:uk@engcon.com) | Web [www.engcon.com](http://www.engcon.com)