

Tiltrotator EC206

engcon®

For excavators in the 4–6 tonne weight classes. Now with EC-Oil automatic quick hitch system.

Like its big brother, the EC206 has advantages that make excavators safer, more efficient and more profitable. Unlimited rotation and 45 degree tool or bucket tilt means fewer machine movements and the ability to work in hard-to-get-at places.

NEW for 2022! Connect and disconnect hydraulic tools beneath the tiltrotator without having to leave the cab. The newly developed S40 quick hitch means we can now offer the EC-Oil automatic quick hitch system on the lower EC206 hitch. In addition to EC-Oil, it's also possible to use manual TEMA hydraulic connectors, or connectors from other manufacturers. The newly developed S hitch also comes ready for the detachable grab cassette, enabling a grip claw to be quickly and easily connected. In addition to these features, the EC206 also comes ready for tilt and rotation sensors, allowing connection of the tiltrotator to a machine control system.

The EC206 has integrated lubrication channels that are routed to a single grease point, making daily maintenance easier. Load-holding valves on the tilt cylinders come as standard for your safety and that of others.

Features:

- » The EC-Oil automatic quick hitch system on the upper section comes as standard with the simultaneous purchase of a tiltrotator, machine hitch and engcon control system
- » Lower quick hitch ready for EC-Oil automatic quick hitch system
- » Ready for an integrated grab
- » Ready for tilt & rotation sensors for connection to machine control
- » Extra hydraulic socket for hydraulic tool connection even when EC oil is connected
- » 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 as standard for even better safety
- » Hardened piston rods
- » Up to ± 45 -degree tilt angle for best access
- » Unlimited rotation

Contact engcon for other hitch systems.

Control system: Standard – engcon's proportional control system for infinitely variable control with remote support capability, track/wheel control and boom slew.

Electrical system: 12-volt washer standard

Accessory: Integrated grab cassette



Specifications

Type	EC206	
Max machine size	kg	6,000
Max breakout torque	kNm	45
Max bucket width	mm	1,200
Max hydraulic pressure	MPa	22
Max rec. return line pressure	MPa	2.5
Rec. unlock/lock pressure SQ S30-S3	MPa	21 / 3-6
Rec. open/close pressure SQ Q-Safe	MPa	21
Weight	kg	183
Width (A)	mm*	286
Width (B)	mm*	220
Width (C)	mm*	219
Overall length (D)	mm*	500
Construction height (E)	mm*	410
Swivel channel extra function, number of sockets		4
Swivel channel locking function, number of sockets		2
Rotation		∞
Tilt angle	°	2x45
Tilt duration from end position to end position	s / l/ min	3/15
Rotation time for one revolution under hydraulic flow	s / l/ min	6.5/30
Standard dimension, extra socket***		3/8"

* Standard attachment

*** Default configuration

** [l / min] with High Flow

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