

Tiltrotator EC319

EC319 belongs to engcon's 3rd generation tiltrotator system and is the solution for those who want lower fuel and energy consumption and lower service costs. At the same time, you get more responsive digging with better support and increased precision in your excavation work.

The 3rd generation tiltrotator system reduces fuel consumption and energy requirements for the tiltrotator and attachments. At the same time, your excavator becomes smoother and easier to drive. We believe that not compromising on usability is the way to go to enable electric or hybrid machines.

Advantages:

- » Load-sensing hydraulics with individually pressure-compensated function.
- » Comes with EC-Oil both over and under the tiltrotator as standard.*
- » Prepared for engcon Positioning System (ePS) and 2D/3D-sensors.
- » Comes ready for the detachable sweeper (SWD) and the detachable gripper (GRD)**
- » Proportional auxiliary circuits are with an increased flow on Aux 1 with up 120 L/min.

Quick hitch: Standard S60, both over and under.

Control system: Our new DC3 proportional control system meets the high demands placed on a modern control system in terms of components such as hydraulics, electronics, and software. The control system creates a better and safer working environment.

Optimized for 3rd generation tiltrotators, updated for iOS and Android and connected to the control system via Bluetooth.

Electrical system: Standard 24 volt.



Specifications

Type	EC319
Width A: (mm)*	392
Width B: (mm)*	315
Width C: (mm)*	310
Length overall D: (mm)*	745
Construction height E: (mm)*	från 480
Weight: (kg)*	550
Tilt:	2x45°
Rotation	∞
Recommended hydraulic flow (l/min):	120
Recommended max return line pressure: (MPa)	2,5
Max hydraulic pressure: (MPa)	22
Quick hitch standard:	S60
Max bucket width: (mm)	1 700
Max breakout torque: (kNm)	186
Base machine weight: (t)	14-19

*Standard attachment

* Read more about the terms and conditions concerning the EC-Oil automatic quick hitch system as a free standard at engcon.com

** Read more about SWD & GRD on engcon.com

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