

Tiltrotator Series 3

engcon[®]

Series 3 is the ultimate tiltrotator experience with future-ready technology, featuring personalized settings and prepared for advanced functions such as return-to-zero, with upgrade capability for tool recognition.

The most advanced tiltrotator option for excavators up to 33 metric tons. It delivers more responsive digging and increased precision, making excavation work smoother, smarter and more efficient. Load-sensing hydraulics and energy-efficient technology can save 30% or more energy compared to Series 2. It is ready for electric machines and is sold as a complete engcon system.

Series 3 offers unlimited rotation and a tilt angle of up to $\pm 45^\circ$, ensuring maximum flexibility in all conditions. EC-Oil comes as standard, allowing hydraulic tools to be connected from the cab.

The system comes with tilt- and rotation sensors pre-installed and supports detachable tools such as gripper and sweeper.

Series 3 also offers advanced functionality, Bluetooth connectivity and app support for iOS and Android.

For machines weighing 4-33 metric tons.



The illustration shows a typical configuration. Technical data may vary. We reserve the right to make changes without prior notice.

Series 3 will be available in North America, Asia and Oceania from 2027.

Specifications

	EC306	EC309	EC314	EC319	EC326	EC333
Width A (inch)*	11.4	13.5	14.0	15.0	17.6	19.7
Width B (inch)*	8.7	9.8	11.2	12.4	13.4	15.2
Width C (inch)*	8.6	10.7	11.9	12.2	13.4	15.2
Total length D (inch)*	19.7	22.1	26.2	29.0	29.9	34.6
Build height E (inch)*	16.1	19.1	20.0	20.4	25.1	28.3
Weight (lbs)*	-	348	970	1,193	1,786	2,238
Tilt	2x45°	2x45°	2x45°	2x45°	2x45°	2x45°
Recommended hydraulic flow DC3 (gal/min)	10.6	15.9	31.7	31.7	31.7	31.7
Max hydraulic pressure, Aux (psi)	3,200	3,200	3,200	3,200	3,200	3,200
Max bucket width recommended (inch)	47.2	51.2	63.0	66.9	78.7	86.6
Max breakout torque (lbf)	33,190	54,580	92,933	137,187	199,142	250,771
Direct connect	✓	✓	-	-	-	-
Sandwich	✓	✓	✓	✓	✓	✓
Quick coupler standard	S40	S45	S60	S60	S70	S70, S80**
Base machine weight (lbs)	8,800 -13,200	13,200 -19,800	19,800 -30,900	30,900 -41,900	41,900 -57,300	52,900 -72,800

* Based on standard.

** Please contact us to find out which quick hitch is recommended for your machine.

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