

Tiltrotator Series 2

engcon[®]

Series 2 is our most flexible, full-range solution that increases productivity and streamlines everyday work, with EC-Oil as optional for optimized tool handling.

Powerful tiltrotators designed to combine low weight and height with exceptional performance, for excavators up to 33 metric tons. It offers unlimited rotation and a tilt angle of up to $\pm 45^\circ$. Series 2, with optional EC-Oil, allows the operator to connect the tiltrotator and hydraulic tools from the cab.

Safety and efficiency are prioritized through features such as the Q-Safe quick hitch, and load-holding valves on tilt cylinders. Series 2 is prepared for detachable tools like gripper and sweeper, as well as the locking system and sensors for excavator guidance integration. Central lubrication simplifies maintenance and ensures correct oil levels.

Series 2 supports direct mounting or sandwich solutions and offers a variety of hydraulic quick hitches.

For machines weighing 1-33 metric tons.



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

Specifications

	EC202	EC204	EC206	EC209	EC214	EC219	EC226	EC233
Width A (inch)*	7.1	11.0	11.4	13.5	14.0	15.0	17.6	19.7
Width B (inch)*	6.1	6.3	8.7	9.8	11.2	12.4	13.4	15.2
Width C (inch)*	6.3	6.7	8.6	10.7	11.9	12.2	13.4	15.2
Total length D (inch)*	17.1	18.2	19.7	22.1	26.2	29.0	29.9	34.6
Build height E (inch)*	11.1	14.1	16.1	19.1	20.0	20.4	25.1	28.3
Weight (lbs)*	198	287	441	728	970	1,179	1,742	2,194
Tilt	2x40°	2x45°	2x45°	2x45°	2x45°	2x45°	2x45°	2x45°
Recommended hydraulic flow DC2/SS10 (gal/min)	6.6	7.9	10.6	15.9	21.1	31.7	31.7	31.7
Recommended hydraulic flow SS9 tilt/rotation (l/min)	1.8/5.3	2.3/6.6	4.0/7.9	9.2/10.6	9.2/13.2	17.2/18.5	18.5/18.5	18.5/18.5
Max hydraulic pressure, Aux (psi)	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200
Max bucket width recommended (inch)	35.4	39.4	47.2	51.2	63.0	66.9	78.7	86.6
Max breakout torque (lbf)	14,751	20,652	33,190	54,580	92,933	137,187	199,142	250,771
Direct connect	✓	✓	✓	✓	✓	✓	✓	✓
Sandwich	✓	✓	✓	✓	✓	✓	✓	✓
Quick coupler standard	S30	S40	S40	S45	S60	S60	S70	S70, S80**
Base machine weight (lbs)	2,200	4,400	8,800	13,200	19,800	30,900	41,900	52,900
	-5,500	-8,800	-13,200	-19,800	-30,900	-41,900	-57,300	-72,800

* Based on standard.

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

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engcon North America Inc. | 2827 Earlam Place, High Point, North Carolina 27263

Phone +1 203 691 5920 | Email northamerica@engcon.com | Web engcon.com