

Tiltrotator Series 1

engcon®

Your first step into the world of tiltrotators, with core functions such as tilt and rotation. The simple and smart choice.

Series 1 are easy tiltrotators designed for the smallest and most compact excavators on the market, up to six tonnes. With unlimited rotation and a tilt angle up to $\pm 45^\circ$, Series 1 ensures optimal control in any terrain or working conditions.

This model is ideal for operators who prefer simplicity, as it does not require an advanced control system. Series 1 works directly with the excavator's own hydraulic system, making installation and operation straightforward and efficient.

Series 1 comes equipped with a mechanical quick hitch and supports both direct mounting and sandwich solutions. It offers essential functionality for those new to tiltrotator technology, reducing the need for machine repositioning while increasing precision.

For machines weighing 1–6 metric tons.



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

Specifications

	EC102	EC104	EC106
Width A (inch)*	7.1	11.0	11.4
Width B (inch)*	6.1	6.3	8.7
Width C (inch)*	6.3	6.7	8.6
Length overall D (inch)*	17.1	18.2	19.7
Construction height E (inch)*	11.1	14.2	16.1
Weight (lbs)*	172	216	342
Tilt	2x40°	2x45°	2x45°
Rec. hydraulic flow tilt/rotation (l/min)	1.8/5.3	2.6/6.6	4.0/7.9
Max hydraulic pressure, Aux (psi)	3,200	3,200	3,200
Max bucket width rec. by engcon (inch)	35.4	39.4	47.2
Max breakout torque (lbf)	14,751	20,652	33,190
Direct connect	✓	✓	✓
Sandwich	✓	✓	✓
Quick hitch standard	S30	S40	S40
Base machine weight (lbs)	2,200 -5,500	4,400 -8,800	8,800 -13,200

* Based on standard.

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