

EC-Pro PowerTool

40EC-PRO PT

ENHANCE YOUR POWER TOOLS WITH THE HIGH-TORQUE 40EC-PRO PT

The 40EC-Pro PowerTool (PT) brushless slotless motor, tailored for the industrial power tools market, comes in two lengths: 44mm (40EC-Pro PT 44) and 55mm (40EC-Pro PT 55). The 40EC-Pro PT 55 is Portescap's first motor with an integrated fan for active cooling, boosting continuous power from 150W to 425W.

Its advanced electromagnetic design achieves speeds up to 30,000 rpm at low voltage while providing excellent peak torque capability, sustaining up to 1.1 Nm for 2 seconds. With a weight of just 230 grams and a 40mm diameter, it supports compact, lightweight applications without sacrificing performance.

Ideal for 18V battery-powered hand tools, the 40EC-Pro PT motor excels in a wide range of applications, including nut runners, tightening tools, strapping, stapling, riveting, crimping, and cutting tools. Its performance significantly enhances these tools, making it a top choice across the industrial power tool industry.

KEY FEATURES

- Integrated fan boosts continuous power from 150W to 425W (40EC-Pro PT 55)
- Available in 2 lengths (44mm and 55mm)
- Speeds up to 30,000 rpm
- Peak torque up to 1.1Nm
- Low weight of 230 grams
- Thermal sensor option



APPLICATIONS

- Nut runners
- Tightening tools
- Riveting tools
- Crimping tools
- Strapping tools
- Stapling tools

COMPATIBILITY

- R32 gearhead
- R40 gearhead
- M-Sense22 encoder

