



FLEX · FLEX POWER TOOLS · POLISHERS

120V BRUSHLESS GEAR-DRIVEN ORBITAL POLISHER

CORDED GEAR-DRIVEN · MODEL FC3401-Z

SKU

FC3401-Z

DEFAULT TITLE

120V corded brushless gear-driven orbital polisher for heavy material removal through delicate finishing — up to 700 RPM / 8,700 OPM.

PERFORMANCE

DRIVE TYPE	Gear-driven (mfr)
INPUT POWER	1,200 W (mfr)
MOTOR	Brushless (mfr)
NO-LOAD SPEED	225 – 700 RPM (mfr)
ORBIT DIAMETER	5/16 in / 8 mm (mfr)
ORBIT RATE (NO LOAD)	2,700 – 8,700 OPM (mfr)
MAX. POLISHING PAD	6 in (mfr)
TOOL WEIGHT	5 lbs (mfr)
CORD LENGTH	19.68 ft (mfr)

APPLICATION & PHYSICAL

INCLUDES	Polisher, 5" (125 mm) & 6" (150 mm) backing pads (mfr)
PROTECTIONS	Constant speed, soft start, restart protection, overload & overheat protection, lock-on (mfr)
SPEED CONTROL	11-speed dial + variable trigger (mfr)
TOOL SIZE	16.5 × 3.9 × 5.0 in (mfr)

OVERVIEW

FLEX 120V brushless gear-driven orbital polisher (FC3401-Z). Constant-speed electronics hold RPM under pressure with an 8 mm forced orbit for cut-to-finish versatility.

DIRECTIONS

- 1 Connect to a grounded 120V outlet; fit the supplied gear-driven backing pad.
- 2 Use soft-start trigger; select dial speed for the polishing stage.
- 3 Keep pad flat and move continuously; monitor paint temperature on dark panels.
- 4 Power off and unplug before changing pads.

SAFETY SNAPSHOT

CORDED POWER TOOL — EYE/HEARING PROTECTION

Follow FLEX operator manual. Unplug before pad changes. PUR cord — avoid sharp edges.

VOLTAGE	120 V ~ 60 Hz (mfr)
INPUT	1,200 W

Manufacturer SDS URL not retrieved for this article.

SOURCES

1. Manufacturer tech data / product information — <https://www.flexpowertools.com/120v-brushless-gear-driven-orbital-polisher-fc3401/>
2. MDSC catalog for name / SKU / image / pack sizes only — <https://marinedetailssupply.com/products/flex-fc3401-z-120v-brushless-gear-driven-orbital-polisher>
3. Mapping note — Official FLEX US product page + FC3311/FC3321/FC3401 manual table.
4. Omissions — SDS not published for this power tool; consult operator manual.