

THE 4 ADVANTAGES OF PROFESSIONAL GRADE TOOLS

Senior Home Editor Roy Berendsohn testing the FLEX 5" Variable Speed Angle Grinder with Power Switch.



No matter what you're building or fixing, professional-grade tools make a difference. Their purpose-built design adds power, durability, and efficiency, which make them a wise investment. Even the toughest jobs get done faster and more precisely.

Popular Mechanics Senior Home Editor Roy Berendsohn headed to the Pop Mech Test Zone in Easton, PA, to test the new FLEX series of power tools. Below are the four FLEX features that stood out—and what you should look for in your pro-grade purchase.

SUPERIOR PERFORMANCE

The higher a tool's power-to-weight ratio, the better. The top-of-the-line **FLEX ½" 2-Speed Drill-Driver and ¼" Quick Eject Hex Impact Driver with Multi-Mode** have sensor-free brushless motors that boost performance, increasing torque in all situations. Engage the Drill-Driver's Turbo Mode Speed 2 for a whopping 2,500 RPM and industry-leading torque at 1,400 inch-pounds. Meanwhile, the Impact Driver puts out a hefty 2,500 inch-pounds of torque and 4,000 RPM as it drives very long screws or lag bolts.

INCREASED DURABILITY

All FLEX tools are built to last, including the **5" Variable Speed Angle Grinder with Power Switch**. With tougher built drivetrains for demanding cutting applications and a high-power brushless motor that allows for up to 50% faster cutting speed, it can penetrate through steel at 9 inches per minute (compared to 3½ inches on other grinders)—while feeling like a breeze thanks to its ergonomic design, Shockshield™ handle and anti-kickback advanced braking technology.



FLEX ¼" Quick Eject Hex Impact Driver

LONGER BATTERY LIFE

An advanced battery platform is crucial in order to work on your jobsite with confidence. The FLEX cordless platform boasts 24V battery, with **Power IQ and Thermo-Tech heat management** that make the batteries last longer than many standard tools. Plus, drop-proof battery casings offer an extra layer of protection...just in case.

EXTRA EFFICIENCY

Basic tools cover, well, the basics—sometimes you need tools that can handle the unexpected. The **FLEX 6½" In-Line Circular Saw** allows you to be mobile, has a 2 9/16" depth of cut, and lasts all day long



FLEX 6½" Circular Saw

on a single battery charge. The similarly versatile **FLEX Reciprocating Saw and ¼" Quick Eject Hex Impact Driver** have quick-eject bits and blades that make swaps more efficient, adding valuable time back to your job. The Reciprocating Saw also offers 40% lower vibration thanks to its Shockshield™ vibration suppression, meaning you can knock out all your punch-list items with comfort and ease.



FLEX Reciprocating Saw with Quick Eject

"WHEN IT COMES TO PROFESSIONAL GRADE TOOLS, THE POPULAR MECHANICS TEST TEAM EVALUATES FOR POWER, PERFORMANCE, AND DURABILITY. ALL THREE QUALITIES NEED TO MEET A STANDARD REQUIRED IN A PRO SETTING—WELL BEYOND THE OCCASIONAL WEEKEND PROJECT."
—SENIOR HOME EDITOR ROY BERENDSOHN

▶ **Watch the video on why pro power tools belong in your garage:**
WWW.POPULARMECHANICS.COM/FLEX