



Safety features of the Hitachi G12VE AC brushless grinder include electronic overload protection, anti-kickback protection, soft start and zero-voltage restart.

grinder. We have seen the trend in the market leaning towards a tool that is compact for user comfort, but still offers the durability and power of much larger and heavier tools."

An angle grinder is used for long periods of time in applications like cutting, polishing or grinding. The G12VE grinder offers an impressively small grip diameter making it more comfortable to use all day. This is accomplished by the use of the AC Brushless motor. AC Brushless motors are smaller, but provide the same, or in some cases higher power output than larger brushed motors.

"Besides the smaller size of the AC Brushless motor, it also provides durability by eliminating the

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no-lock paddle; a trigger version is also offered.

"As user protection becomes more important in light of the upcoming Table 1 regulations, we are launching sixteen new products with these safety features included before the end of 2017," Pellerin adds.

HITACHI POWER TOOLS

"Hitachi is at the forefront of technology with innovations such as the sliding compound miter saw, cordless impact driver, triple hammer impact, and AC brushless technology," begins Chris Harris, product manager. "Never is this more evident than the recent launch of the Hitachi G12VE AC brushless 4 1/2-inch variable speed angle



HARRIS

At this year's World of Concrete, DEWALT launched 15 new grinders and nine new rotary and demolition hammers. Many of the new models meet OSHA's new silica dust guidelines. They also offer a host of features that improve performance and extend tool life.

CORDED POWER TOOLS

WHEN THE HEAVIEST JOBS CALL, ONE CORD IS STILL BETTER THAN NONE

Just as the smart phone has not permanently replaced its cord-tethered cousins, corded power tools still have their place in the plant and on the job site. When access to power is not a factor, and when the going gets *really* tough, corded is still the way to go.

DEWALT

Its recent cordless tool launches notwithstanding, DEWALT remains committed to developing corded products for the toughest applications. At this year's World of Concrete, DEWALT launched 15 new grinders and nine new rotary and demolition hammers. All 15 new corded grinders are Made in the USA with global materials and feature multiple sizes and trigger types.

Sixteen new tools launching before the end of 2017 are part of the DEWALT Perform & Protect line of tools, designed to provide a high level of control, dust containment or low vibration without sacrificing performance.

"Many of the new DEWALT drilling and grinding solutions adhere to the new OSHA ruling on protections for workers exposed to respirable silica dust in which user protection is a key need," states Nate Pellerin, product manager. "In addition to safety features, DEWALT knows that corded tools are most commonly used for heavy duty, high-drain applications, extreme long-use applications or, in general,



PELLERIN

applications with sustained energy draws. DEWALT considers all of these needs when developing new products. Plus, corded tools are a cost-efficient option."

The smallest new grinder, the 4 1/2- to 5-inch model DWE 43114 High Performance cut-off/grinder with E-Clutch, shuts the grinder off when a wheel pinch or wheel stall occurs, extending the life of the gears and motor. Its Dust Ejection System technology clears dust and debris for extra protection. The largest new grinder is the 6-inch model DWE46144N High Performance cut-off/grinder. It features the E-Clutch system, Dust Ejection System technology and Power-Off Advanced Overload Protection. The "N" designated model features a

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Lackmond's model BCR300/12 mast mounted core drill rig's three-speed, 3.2-horsepower motor can drill holes up to 12 inches in diameter. Its LED amp meter helps ensure optimum drilling pressure.

core bits, rail saws and manual tile cutters in North America. The new equipment is being marketed under the under the Beast and B+BTec brands.

Lackmond's new Beast/B+BTec Core Drills, Rigs and Bits are manufactured in Europe



SALLIS

and made with the highest quality raw materials utilizing the most advanced manufacturing technology. The BCR130/5BG is a hand-held core drill with a back-grip making it ideal for drilling vertical holes. The BCR130/5MG is a hand-held core drill with a mid-grip which provides the operator comfort when drilling horizontal holes.

The BCR300/12 is a mast mounted core drill rig and is excellent for drilling conduit holes. All Beast/B+BTec core drills are extremely powerful and loaded with countless features including an LED Motor Overload Protection System.

The BCR130/5BG hand-held core drill has a 2.6-horsepower motor and three-speed gearing for optimal drilling at any diameter. It can drill holes up to five inches in diameter. The BCR300/12 mast-mounted core drill rig has a 3.2-horsepower motor, three-speed gearing and has a water flow indicator and a quick-snap reversible down feed spindle (left-right). An LED amp meter helps the user achieve optimal down pressure.

LACKMOND PRODUCTS

Lackmond Products Inc., a leading supplier of diamond tools, carbide tools and equipment, has partnered with B+BTec, a leading European manufacturer in the drilling and fastening market since 1969, to market and sell their core drills and rigs,

The BCR300/12 drills holes up to 12 inches in diameter.

"We are very excited about our new joint venture with B+BTec," says Cliff Sallis, CEO of Lackmond Products. "Their history of manufacturing the highest quality products combined with Lackmond's operations and distribution model will allow us to provide our customers with the highest quality core drills rigs and the best service possible."

SKILSAW

Historically, a SIDEWINDER is known to be light weight, easy to manage and compact, with the blade located to the right of the motor and the weight of the tool on the left. For some users, the saw's blade placement presents a visibility challenge. However, SKILSAW has changed that with the SOUTHPAW, the only all-magnesium left-blade SIDEWINDER circular saw.

"SOUTHPAW allows users to see it all. With its blade located on the left, you have improved blade and cut-line visibility for enhanced accuracy," explains Gregg Mangialardi, SKILSAW product manager. "Plus, with 56-degree precision beveling capacity, you get the added capacity for a wider variety of cuts."



MANGIALARDI

The SOUTHPAW's ergonomic handle with soft grip provides comfortable grip for both left- and

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The Skilsaw SOUTHPAW, the only all-magnesium left-blade SIDEWINDER circular saw, features a 15-amp Dual-Field motor and offers 56-degree precision beveling capacity.

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Metabo's newest category killer is the 1,900-watt 7-inch model WEPB 19-180 small angle grinder. It weighs just 6.4 pounds, boasts a 15-amp motor and has every Metabo safety feature.



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CONTINUED ON PAGE 44



Makita's new 10 1/4-inch model HS0600 circular saw for framing contractors has a 15-amp motor and a 3 13/16-inch capacity to easily handle 3 1/2-inch I-joists and 4x4s.



right-handed users and its worm-drive-styled guard directs dust away from the user. Its lightweight design reduces user fatigue.

The SPT67M8-01 SKILSAW 7 1/4-inch left-blade SIDEWINDER circular saw comes with a 24-tooth SKILSAW carbide blade and a multi-function wrench which stores in the foot. The SOUTHPAW delivers 2 7/16-inch deep cuts at 90 degrees, 1 7/8 inches at 45 degrees and 1 1/2 inches at 56 degrees. It weighs 8.95 pounds and has a 10-foot cord for job site maneuverability.

The SOUTHPAW also features SKILSAW's no-questions-asked 180-day return Stay True Guarantee.

"With the SOUTHPAW, you're set up for all-day success," Mangialardi adds. "Count on legendary SKILSAW durability and performance to get the job done."

MAKITA USA

Makita continues to bring best-in-class solutions to the corded category. The new 10 1/4-inch model HS0600 circular saw is built for today's framer who is using more engineered lumber, 3 1/2-inch I-joists and 4x4s in residential and commercial construction. The HS0600 delivers 15-amp power, 3 13/16-inch capacity and 4,300-rpm blade speed to take on these demanding applications, and effectively expands the

circular saw category with another go-to tool for framing contractors.

The new 10-inch Dual-Bevel Sliding Compound Miter Saw with direct drive motor gives contractors leading cutting capacity and the most compact design in its class," says Andrew Camp, product manager,



Residential Construction, Makita USA. "The LS1019L has a full 5 1/4 inches of base-board cutting capacity and features a 2-steel rail sliding system with single slide-glide operation. This reduces the saw's footprint and allows operation flush against a wall."

At the same time, a major trend in corded tools is the blurring of boundaries between corded and cordless. Increasingly, contractors are getting corded power with cordless convenience in tools that were once thought to be the exclusive domain of corded technology. This is driven by battery and motor technology, and Makita is a leading innovator in both fields.

"Makita is offering a cordless counterpart to the corded LS1019L

with the new 18V X2 (36V) LXT 10-inch Dual-Bevel Sliding Compound Miter Saw," Camp says. "The XSL06 offers the same advantages of the LS1019L, but with 18V X2 technology and an efficient brushless motor with direct drive that gives users freedom from the cord and increased portability."

More cordless releases for high-demand cutting applications include the new 18V X2 (36V) LXT Brushless 6 1/2-inch Plunge Saw and the new 18V X2 (36V) LXT Rear Handle Circular Saw (XSR01). The XSR01 provides a familiar form factor with the blade left design and rear handle position, but without the cord.

METABO

Metabo is all about listening to the end user and responding with features that allow users to increase their productivity and to work more safely. Metabo's electronic features shorten work times with electronic speed stabilization, protect the tools with electronic overload protection and prevent unintentional restart in the event of a power outage.

"Working safely is critically important when using angle grinders," says Terry Tuerk, senior product manager. "Flying sparks and debris, discs or wire wheels spinning at high speeds inches from the body are why Metabo has focused their efforts on increased safety."

The mechanical S-automatic Safety Slip clutch has been in Metabo angle grinders for over 50 years. Anti-Vibration and autobalance systems to greatly reduce the vibration felt by the user are now common, and mechanical braking systems are available to stop the accessory in under two seconds.

Metabo has just released a new series of 6 new angle grinders with

all the above electronic and safety features, that due to the rat-tail design, enhance user safety even further.

"The 'rat-tail' design allows the operator to grip the grinder more securely than 'body-grip' versions while allowing for higher leverage,



longer reach and a more comfortable grip," Tuerk says. "In addition to the clutch, brake and autobalance features, the tools also include a tethering point or 'Drop Secure System' for use when working at height.

The new Rat-tail angle grinders are available in 4 1/2-, 5-, 6- and a unique 7-inch version. The 4 1/2-through 6-inch versions are based on a 1,700 watt, 14.5-amp motor for superior power.

"The new 7-inch WEPB 19-180 uses a new 1,900 watt, 15-amp motor in a small angle grinder platform. At 6.4 pounds, this tool is half the weight of a 7-inch large angle grinder and includes the many safety features for which Metabo is so well known."

WALTER SURFACE TECHNOLOGIES

Walter Surface Technologies has been manufacturing professional grinding tools since the 1950s and abrasives since the 1970s.

"The Mini-Grinder and Super 5 small angle grinders are specifically designed for work in smaller metalworking and MRO shops. They feature improved power and ergonomics, are AC/DC compatible and come with the Quick-R release system for fast, tool-free wheel changes," explains Ryan Boyd, product manager for Tooling & Power Tools.



Walter's Big 6 grinder lays claim to delivering 1,700 watts to a six-inch wheel. That much power demands safety features and the Big 6 has DialSpeed speed control, vibration reducing Stabilizer technology and more.

The Mini-Plus, Walter's most versatile "do-it-all" grinder, eliminates the need for multiple tools. It includes all of Walter's newest features, including Powerguard overload protection, Dynamax rpm monitoring, Variable Dialspeed and Stabilizer technology, which adds comfort and increases the life of the tool up to 30 percent and the life of grinding or sanding discs up to 200 percent.

The Big 6 and the Pro 5 grinders were built to withstand constant heavy-duty applications. Both tools include Powerguard, Dynamax and Stabilizer features.

"We really focused on productivity and improved efficiency – the two key aspects that define the Big 6 and the Pro 5," adds Boyd.



BOYD

"There is no comparable 5-inch grinder on the market when looking at removal rates or cutting time. It's really in a class of its own – especially if you pair it with our abrasives; that's when you'll really see the difference."

Walter's Maximum Safety Grinders offer maximum safety without compromising on performance. The Mini PS, Super 5-PS and Big 6-PS

all feature a double action, non-locking paddle switch. The Super 5-PS has Powerguard overheat protection, Dynamax, Soft Start and Safety Restart to ensure that the grinder will not turn on accidentally if plugged in while turned on.

"The Big 6-PS adds an exclusive mechanical brake that allows it to stop within two seconds of the trigger being released, making it the safest grinder on the market," Boyd says.

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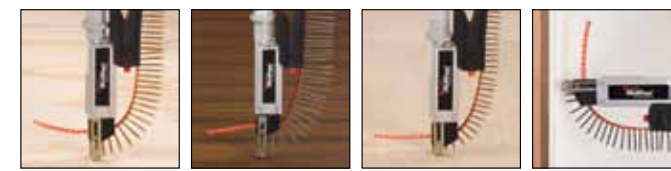


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