INDUSTRYUPDATE



The BR 450 C-EF backpack blower is STIHL's first with electric start. It produces an average air velocity of 186 mph (221 mph maximum), runs at 77 dBA and weighs just 25.4 pounds.

# GAS ENGINE EQUIPMENT

## GOT GAS? THESE COMPANIES HAVE THE SOLUTION FOR YOU

his issue's eclectic roundup of gas-engine-powered equipment, from bare engines to light towers, pressure washers and backpack blowers, just skims the surface of the variety of applications this category covers. These manufacturers are truly fueling the market.

#### **STIHL USA**

STIHL is one of the world's most widely known producers of gas engine equipment for the timber, construction and landscaping trades. The STIHL BR 450 and BR 450 C-EF (63.3 cc) backpack blowers come packed with new features for operator comfort and convenience.

In addition, the BR 450 C-EF

model is the world's only professional backpack blower and the first STIHL blower to feature an integrated instant electric start to help pros save time and money on the job.

With the push of a button on the throttle of the BR 450 C-EF, the electric start technology allows professionals to start and stop the unit while wearing it on their back. No more idling while walking to the next job and no need to remove the unit to restart, saving precious time and money. The electric start is powered by an on-board battery that charges while the unit is running, making it an ideal product for pros on the go.

Both units also feature a telescopic tube, a tool-free adjustable control handle, comfortable, large straps, a

backpack pad and a soft rubber grip on the throttle.

"Both the BR 450 and BR 450 C-EF combine performance and comfort to help pros and homeowners complete large property maintenance with less fatigue," states Stephen Meriam, STIHL director of sales. "The BR 450 and BR 450 C-EF have powerful blowing forces rivaling our top-rated backpack blowers."

#### **HONDA**

"In 2016, the power equipment industry continues to demand flexibility, reliability, quiet operation and fuel efficiency," begins Michael Rickey, senior manager, Honda Engines. "Original equipment manufacturers are also looking to add value to their

products by featuring engines that will deliver dependable power for the life of the product. Given these marketplace needs, Honda Engines produces models designed to add powerful, versatile functionality to any engine-powered product."



How many? Honda produces 30 engine models (encompassing almost 500 application variations in

six basic series) for more than 3,000 different product applications. As an industry leader, the company offers power solutions that meet EPA Phase 3 emission regulations.

Honda also is introducing a new Cyclone Air Cleaner that will be available on selected GX engines. With a smaller footprint and more compact design than the legacy cleaner it will replace, the new Cyclone Air Cleaner fits within the overall engine shape.

The new smaller design targets OEM applications where overall engine dimensions are critical. This new design also will offer the same superior filtration efficiency with a triple-cleaning chamber that will be particularly useful in commercial applications where power equipment operates in extremely dusty conditions.

#### **BRIGGS & STRATTON**

New for 2016, Briggs & Stratton is introducing a 3,600-psi, 2.5-gpm (max) commercial-grade pressure washer to its PRO SERIES line.

Powered by a Vanguard engine that produces 6.5 gross horsepower at 3,600 rpm, the new pressure washer is designed to give contractors enough power for any cleaning job, including prepping exterior siding for paint. This unit is protected by Briggs' TransportGuard System,

The 389cc Honda
GX340 four-stroke engine
produces 10.7 hp at
3,600 rpm and 19.5
foot-pounds of torque at
2,500 rpm. Available
options include electric
start and Honda's
Cyclone air cleaner.





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a simultaneous fuel and ignition shutoff designed to protect the engine from oil and fuel dilution during transit to and from jobs.

"Commercial pressure washers are routinely transported by contractors from site to site, and the TransportGuard System ensures the unit will be ready to run when the contractor needs it," says Dan Roche, marketing manager at Briggs & Stratton Portable Power & Cleaning Systems.

The new model has a 35-foot steel braided hose and a five-year limited

Briggs & Stratton's new 3600 PSI commercial pressure washer produces 6.5 hp at 3600 rpm. Its TransportGuard System protects against fuel and oil dilution during transport.

commercial warranty. It has a welded frame 13-inch pneumatic wheels, improved in-use storage and is protected by a steel brushguard.



A commercial-duty triplex plunger pump with an adjustable pressure regulator and five quickconnect professional-grade spray tips give the user versatility for any job application. Initially, this model will be a Lowe's exclusive.

#### **ATLAS COPCO**

"For their crews to be successful, contractors need equipment that is cost-effective to operate, durable and safe," notes said Michael Sagermann, Atlas Copco business line manager, portable energy division. "Those three points are always key drivers for innovation, and they are why we incorporated our exclusive HardHat canopy and designed the HiLight V5+ with a compact footprint, LED lights and retractable mast."

Atlas Copco Construction Equipment's latest light towers, the HiLight V4 and the LED HiLight V5+. The HiLight V5+ minimizes operational costs with long-lasting

LED bulbs and fuel-efficient operation. The HiLight V4 features four metal-halide floodlights. Both models are lightweight, compact and feature Atlas Copco's exclusive HardHat canopy for extreme durability in rugged applications such as construction and road building.

The LED floodlights are rated for 10,000 hours and withstand vibration and harsh work environments. Contractors with a fleet of 200 light

towers, for example, can save as many as 600 bulbs each year when switching from metal-halide towers to the HiLight V5+.

"Contractors save on fuel costs, as well, due to the tower's LED floodlights, three-kilowatt generator

and Tier 4 Final Kubota diesel engine that operates at 1,800 rpm," Sagermann adds. "These components allow the V5+ to achieve runtimes as long as 140 hours while minimizing fuel consumption."

The HiLight V4 has a Tier 4 Final Kubota diesel engine with a six-kilowatt generator to power four metalhalide floodlights. A retractable, 25-foot vertical mast makes these units easy to transport. The vertical mast and compact engine allows as many as 20 units to fit on a 53-foot trailer. cs

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Atlas Copco's HiLight V5+ LED light tower features its exclusive HardHat canopy and a compact footprint thanks to a compact design and a space-saving retractable vertical 25-foot mast.





