

News from Honda



For Immediate Release

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Honda Introduces All-New Rammer Engine **New GXR120 Specifically Designed for Power Rammers**

ALPHARETTA, Ga., June 18, 2013 – Honda has introduced an all-new, GXR120 general purpose engine, a model uniquely developed as an ideal source of power for rammers – equipment used to compact soil or other granular material. Offered as a second power option to the reliable GX100 engine, the new GXR120 engine has been designed to provide superb durability and reliability for heavy-duty applications.

The Honda GXR120 is capable of meeting the high demands that rammers require of the engine, frame and operator. With a displacement of 121 cc, the engine can appropriately power 110-lb. to 175-lb. rammers at multiple altitudes with ease. Additionally, a new, special cast-iron cylinder sleeve and a high carbon-steel, dual-ball bearing crankshaft provide improved engine strength for rammer applications. To further enhance engine durability, the recoil starter and fan cover of the new GXR120 now are even more robust through the incorporation of steel in the design.

“Our new GXR120 engine has been developed to specifically provide the kind of power, fuel efficiency and easy operation that rammer products require,” said Michael Rickey, senior manager, Honda Engines. “The addition of the GXR120 to the Honda GX Series engines lineup delivers more value, versatility and performance to both our OEM customers and end users.”

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When developing the GXR120 for the rammer marketplace, Honda engineers identified the need for a more compact and lightweight engine footprint to allow for more versatility in frame mounting. Using an Overhead Camshaft (OHC) orientation similar to the Honda GX100, Honda designers incorporated a maintenance-free, low-noise timing belt to create a smaller, lighter and quieter engine.

With the rammer machine operator in mind, Honda integrated several features into the design of the GXR120 that make it easy and comfortable to control. Since quiet operation and low noise are critical for these end users, the GXR120 includes a newly designed and very compact muffler, which is 22 mm (.87 inches) narrower than the muffler used as standard on the Honda GX100 engine. This smaller muffler, combined with the OHC engine layout, reduces operation noise by 1dB over the current GX100 engine. In addition, a heavy-duty recoil starter, together with an automatic decompression system, allow for easy engine starting, while an Oil Alert feature prevents the engine from starting if the oil level is too low. Also, a simple but innovative lubrication system with a dual-breather chamber optimizes engine lubricating performance in most rammer operating conditions.

Honda is the world's largest manufacturer of engines, producing and marketing more engines globally than any other company through a diverse array of automotive, motorcycle, marine, and power equipment products. Honda Engines offers a complete line of small, general purpose engines for commercial, rental industry, and consumer applications. Honda engines supply smooth and dependable power for more than 3,000 different product applications including pressure washers, lawnmowers, rammers, and rescue and construction equipment.

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Editor's Note:

Honda Power Equipment, a division of American Honda Motor Co., Inc., markets a complete range of outdoor power equipment, including outboard marine engines, general purpose engines, generators, lawnmowers, pumps, snowblowers, tillers and trimmers for commercial, rental and residential applications. Its comprehensive product line is powered exclusively by 4-stroke engines.

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Information for media regarding Honda Engine products is available at www.hondanews.com.

Consumer information, including model overviews and updates, video clips, and complete specifications regarding Honda products, is available at www.honda.com.

For product inquiries and dealer/distributor locations, please visit www.engines.honda.com.