News from Honda

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For Immediate Release

Honda Introduces All-New Spline Shaft V-Twin Engines Models

New Option Offers More Versatility in a Compact Design

Las Vegas, Nev., January 24, 2012 – Honda introduced today all-new spline shaft models of its popular and durable V-Twin general purpose engine. The new spline shaft brings an increased ease of assembly and connection with a more compact design for V-Twin engine users working with hydraulic power pump industrial products.

Offered in horizontal engine configurations, the new spline shaft V-Twin engine models will offer construction customers more flexibility to efficiently install engines directly to a variety of diverse applications. The Honda GX630 and GX690 V-Twin engines will feature this new shaft; these models are an excellent fit for commercial, rental and turf applications that include pumps, such as vibratory rollers, trenchers and other hydraulic power pump machines.

"Our new spline shaft V-Twin models have been designed to offer another engine configuration for construction product manufacturers to easily integrate into their own products," said Mike Rudolph, senior manager, Honda Engines. "The Honda V-Twin has always been an ideal fit for our customers who require more power, yet require a smaller-sized engine due to space needs."

All Honda V-Twin models feature a cutting-edge style and a 36 blade low noise resin

cooling fan to improve cooling efficiency. Under the multi-faceted styling are technologically-advanced features contributing to the high efficiency and low noise and vibration. Examples of these technologically advanced features are the hemispherical combustion chamber design, higher compression ratio, increased displacement, and steel connecting rods. Additionally, an integrated cylinder and head eliminates the need for a head gasket which results in increased cooling and higher levels of reliability.

Although fuel efficiency is a key attribute of all Honda engines, fuel consumption in the new V-Twin engine is reduced to the levels similar to fuel injected model engines of the same size. This is accomplished through the advanced combustion chamber design and implementation of Digital Capacitive Discharge Ignition (CDI) with variable ignition timing, and twin barrel inner-vent carburetion. In addition to high fuel efficiency, the new V-Twin engines meet the current EPA exhaust and evaporative emission regulations without the use of a catalyst.

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Editor's Note:

Honda Power Equipment, a division of American Honda Motor Co., Inc., manufactures and 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 consists exclusively of 4-stroke engines.

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