

Fallbrook Technologies Inc. Launches NuVinci® 38CVP Innovation Kit™ for Powered Applications Developers

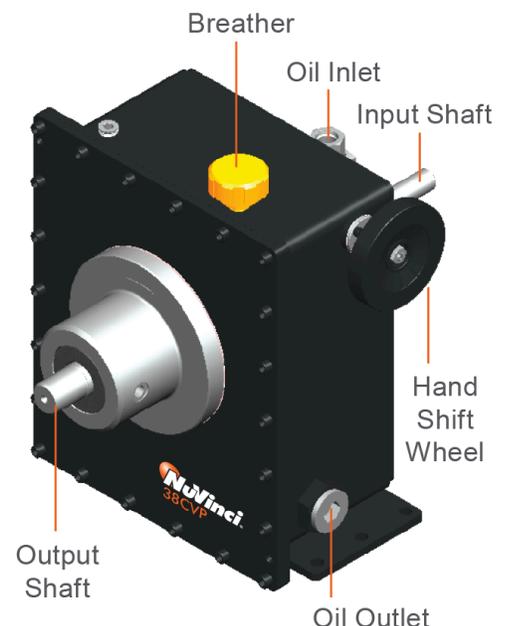
-- Will be shown at Engine Expo and Gear Expo Trade Shows on October 24 - 26th --

CEDAR PARK, TEXAS – October 10, 2017 – Fallbrook Technologies Inc. (Fallbrook), the inventor of the *NuVinci* continuously variable planetary (CVP) transmission technology, announced today the launch of the *NuVinci* 38CVP Innovation Kit™, a developer kit for powered applications. Interested developers or OEMs will be able to explore this new offering at Fallbrook's *NuVinci* booth from October 24 to 26, 2017, at Engine Expo in Novi, Michigan (booth E314) and at Gear Expo in Columbus, Ohio (booth 639).

The *38CVP Innovation Kit* is a developer kit that includes a *NuVinci* continuously variable planetary (CVP) variator with 38mm planets. The kit includes a housing and a lubrication/cooling system. The unit is relatively compact (386mm shaft to shaft wide and 300mm high). It provides a ratio range of 0.5:1 to 1.75:1 and will support up to 20kW of continuous power, 24.5 Nm of torque and a maximum of 7,800 RPM. For customers whose needs exceed the 20kW of *NuVinci 38CVP Innovation Kit*, they can easily modify the kit for greater power by upgrading the lube/cooling system.

The kit will be of interest to customers who want to buy something off the shelf for use in applications such as for an industrial drive of 5 to 10 hp (3.75 to 7.5kW) where the objective is to convert a constant speed machine into a variable speed unit with reduced energy consumption.

The *NuVinci 38CVP Innovation Kit* is also particularly appropriate for use in testing. "Often test cell engineers need to change gearboxes for their test articles because of speed or torque limitations in dynos or the test article," says Scott McBroom, Fallbrook's Director of Licensing and Business Development. "Changing the configuration of the test stand is time consuming and costly. With a *NuVinci 38CVP Innovation Kit*, the test stand engineer merely dials in the desired speed ratio and resumes testing."



“*NuVinci* is a platform technology replacing gears with spheres and can scale across a wide range of applications of various sizes. We’re excited to introduce the *NuVinci 38CVP Innovation Kit* to engineers at Gear Expo and Engine Expo this year,” says Aaron Shagrin, Fallbrook’s VP of Licensing and Business Development. “Having a production-ready transmission will enable companies with limited resources to easily and quickly integrate our technology into their application.”

For more information visit the Fallbrook exhibit from October 24 through October 26, 2017 at Engine Expo at the Suburban Collection Showplace in Novi, MI (booth E314) or at Gear Expo at the Columbus Convention Center in Columbus, OH (booth 639). If you are unable to attend either of the tradeshow, go to www.fallbrooktech.com to learn more about *NuVinci* technology or go to info.nuvinci.com/38cvp and submit a request for the *NuVinci 38mm Innovation Kit*.

About Engine Expo and Gear Expo

Engine Expo is North America’s dedicated international trade fair for automotive powertrain design, production components, and technology. Gear Expo is “the Drive Technology Show,” owned by the American Gear Manufacturers Association (AGMA) and serving thousands of drive technology experts and power transmission professionals.

About Fallbrook Technologies

Fallbrook Technologies is the inventor of the revolutionary NuVinci® continuously variable planetary (CVP) technology, which enables performance and efficiency improvements for machines that use an engine, pump, motor, or geared transmission system – including urban mobility vehicles, cars and trucks, industrial equipment, and many other applications. Fallbrook has a unique collective development model and community through which *NuVinci* technology licensees share enhancements, which adds to the value of the technology and accelerates product development. This approach enables forward-looking companies, who wish to create visionary new products with *NuVinci* technology, to move quickly from concept to market commercialization. Fallbrook is based in Cedar Park near Austin, Texas, USA and holds rights to over 800 patents and patent applications worldwide. For more information, visit www.fallbrooktech.com.

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