

For Immediate Release

News From: Absolute Machine Tools, Inc.
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With Art: Image of Precihole GVN Series Gun Drilling Machine

Absolute Machine Tools to Exhibit GVN Series Single-Axis Gun Drilling Machines at the SHOT Show 2022

[LORAIN, OH – January 2022] Absolute Machine Tools will demonstrate the GVN Series Single-Axis [Gun Drilling Machines](#) in booth 40554 at the SHOT Show 2022. The GVN Series Gun Drilling Machines are engineered specifically to manufacture high-precision parts for small-caliber gun barrels. Sold under the [Precihole](#) brand name, these gun drill models are available in five models – the GVN06, GVN08, GVN12, GVN25 and GVN 40 – and can be customized to meet high-volume requirements. They are available with one to four spindles, ranging from 2HP to 20HP depending on the model, for exceptional straightness, surface finish and bore tolerance. Length-to-diameter ratios of up to 125 are possible with this system. Drill speed range is 0” to 40” per minute.

The GVN Series makes use of counter rotation and ball screw and servo drives to provide linear motion for excellent straightness during drilling. Spindle speeds range from 1,000 to 12,000 RPM depending on the model. The GVN06C model features an ultra-high speed precision motorized spindle. Multiple tool steady rests result in solid tube support. Optional Hydraulic Cone/Self-Centering Chucks are available for proper part clamping. With maximum drilling depths of 12”, 16”/24”/40”/48” and 16”/24”/40” relative to the machine being used. All models use a high-pressure coolant and fine filtration system to ensure clean machining while an oil chiller and automation lubrication make sure tools are running smoothly.

Powered by Mitsubishi and Siemens PLC controls with touch screen HMI, the GVN Series features an integrated unibody design to reduce overall machine footprint to save floor space, ideal for small shops or facilities where space is premium. A tool monitoring system alerts operators to tooling issues to prevent tool breakage, especially at high speeds.

“Precihole is well-known for their high-precision gun drilling machines and the GVN Series expands upon their proven technology to meet the needs of manufacturers drilling for small-caliber gun barrels,” said Nicole Conrad, Chief Marketing Officer, Absolute Machine Tools.

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About Absolute Machine Tools, Inc.

Absolute Machine Tools, Inc. sells and supports [Mitsubishi Electric Automation Robots](#), [Productive Robotics Cobots and Robots](#); Johnford Bridge & Gantry Mills; You Ji Vertical Turret Lathes; Tongtai Horizontal Machining Centers (former Hitachi-Seiki OEM); Quicktech Multi-Axis Multi-Spindle Mill/Turn Centers; Lico Multi-Slide CNC Screw Machines and Twin Spindle Multi-Slide Mill/Turn Centers; Nexturn Swiss-type Lathes; AccuteX Wire EDM and Die Sinker Machines; APEC 5-axis Gantry-style Linear Motor Machining Centers; and Precihole Gun Drilling Machines. The company has worked with several of its principal machine tool partners for over 25 years to offer some of the most heavy-duty, accurate, and productive machines in the industry. The company has built its reputation on exemplary applications engineering, service, customer support, comprehensive training, and effective preventive-maintenance programs. In addition to its headquarters in Lorain, Ohio, the company has established direct full-service technical centers in Mason, Ohio and Livonia, Michigan. For more information, contact Absolute Machine Tools, Inc. at 800-852-7825 or www.absolutemachine.com.