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Würth Baer Machinery  
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Reduce Setup Time and Increase Production  
**Gannomat Hinge & Dowel Insertion**  
2025

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For over six decades, Gannomat has stood as the benchmark for precision boring and doweling machinery in woodworking shops worldwide. Since Hermann Ganner founded the company in 1956, Gannomat has been perfecting boring and insertion machines through constant design and engineering innovation, producing machines known for their accuracy and dependability.

Whether you're running a small cabinet shop or managing a large production operation, Gannomat has your needs covered. Their machines transform your challenges into competitive advantages through precision engineering that delivers repeatable results, shift after shift.

# INDEX LOGIC 70/130



The Gannomat Index Logic series delivers precision CNC-controlled drilling, gluing, and dowel insertion for panel and solid wood components, available in two working lengths: 700mm (Logic 70) and 1300mm (Logic 130). NC-controlled height adjustment (optional). Vertical, single spindle drill can be added for vertical drilling operations

## Features

- Performs precise drilling, gluing, and dowel driving for solid wood and panel components
- Handles grooving and routing operations
- Supports CAD-CAM interfaces and post processors
- Reduces manual setup time, increasing daily output and minimizing error

Model	Max. Drilling Depth	No. of Spindles	Working Length
Index Logic 70	35 mm	1	70 mm
Index Logic 130	35 mm	1	1300 mm



CNC-controlled automation for drilling, gluing, and doweling without the complexity of traditional CNC machinery. Available in configurations from 700mm to 3300mm working lengths, these machines feature Gannomat's intuitive proprietary software with CAD-CAM integration and barcode scanning that makes programming simple for operators at any skill level.

# INDEX TREND 130/330



The Gannomat Index Trend 130-330 is a CNC drilling, gluing, and doweling machine designed for larger workpieces, handling lengths from 1300mm to 3300mm for oversized furniture and frame components. Multiple horizontal spindles can be added as well as vertical spindles for face drilling.

## Features

- Handles workpiece lengths from 1300 mm to 3300 mm
- Accommodates oversized parts without the need for repositioning
- Modular configuration allows tailoring of machine functions to workflow
- Horizontal drilling for dowels, pilot holes

Model	Max. Drilling Depth	No. of Spindles	Working Length
Index Trend 130-330	35 mm	1	130 mm to 330 mm

# INDEX PRO



The Gannomat Index Pro CNC is a versatile drilling, gluing, and doweling machine equipped with both horizontal and vertical drilling units (optional) featuring individually programmable spindles (1, 3, 5, 7 or 9 spindle drillheads can be added) for maximum flexibility in complex joinery applications. It handles dowel, pilot hole, and confirmat drilling with integrated glue nozzle and dowel insertion unit for streamlined assembly operations.

## Features

- Equipped with horizontal and vertical drilling units
- Individually programmable spindles
- Supports dowel, pilot hole, and confirmat drilling
- Integrated Glue and Dowel Insertion
- Routing head allows for additional processing tasks like hinge pockets and slots
- Streamlined process reduces manual labor and speeds up production flow



Gannomat's Express series hinge and RTA insertion machines feature intelligently designed automatic magazine feed systems that streamline hardware loading and minimize production downtime.

# EXPRESS S1/S2



The Gannomat Express series of ers automated hinge boring and insertion machines with approximately 5-second cycle times for drilling and inserting operations. Both models feature drilling from below for accuracy and product protection, standard 4-spindle drill heads with high-speed chucks, and automatic feeding via magazine and inserting die systems.

## Features

- 5 second cycle time for drilling AND inserting
- Drilling from below providing accuracy, speed, protection of product, and safety
- Integrated drilling and inserting unit optimizes floor space and workflow
- Quick-change magazine and inserting die
- High-speed spindle chucks provide clean and precise bores every cycle

Model	No. of Drilling Units	Cycle Time
Express S1	1	5 Seconds
Express S2	2	5 Seconds

# EXPRESS S2 RTA/ KD



The Gannomat Express S2 RTA/KD is a specialized hinge boring and ready-to-assemble (RTA) fitting insertion machine designed for high-volume production with a 4.5-second operating cycle that drills and inserts two RTA fittings in approximately 5 seconds. It accurately aligns cam fittings flush and perpendicular to the workpiece edge, providing the only viable method for consistent flush fitting insertion without errors.

## Features

- Drills and inserts two RTA fittings in just 5 seconds
- Ideal for high-volume applications
- Aligns cam fittings flush and perpendicular to the edge of the workpiece for precise results
- Drilling from below ensures accuracy, speed, product protection
- Magazine holds approximately 35 fittings
- Prevents product damage with automatic alignment and safety protocols

Model	No. of Drilling Units	Cycle Time
Express S2/RTA	2	5 Seconds

# EXPRESS S1/S2 CNC



The Gannomat Express CNC series offers high-capacity CNC-controlled hinge boring and insertion machines with programmable hinge positions for varied production runs and reduced setup time. Both models feature massive and robust drilling units with stable construction for vibration-free operation, steel inserting dies for extended service life, and standard 1.5 kW motors capable of drilling solid wood and dense hardwood materials.

## Features

- CNC controlled hinge boring and inserter for high capacity
- Ensures clean, accurate holes every time
- Detects and avoids contact with metal fasteners
- Program hinge positions with ease for varied production runs
- Reduces manual adjustments and setup time
- Maintains accuracy even under heavy workloads
- Stable construction supports vibration-free operation

# INJECTA 1 & 2



The Gannomat Injecta I and Injecta II are electronically controlled glue applicators designed for precise adhesive application in dowel holes, grooves, and panel joints with minimal waste and cleanup. Both systems feature closed pressurized delivery with corrosion-resistant stainless steel glue and water tanks (holding up to 5 kg/1-1/2 gallons), one-touch GLUE/WATER selector switches for efficient cleaning, and automated cleaning programs requiring maintenance only once per week.

## Features

- Provides consistent glue dosing for dowel holes, grooves, and panel joints
- Minimizes glue overflow and eliminates the need for post-cleaning
- Pressurized glue applicator provides controlled, immediate discharge
- 6-meter glue hose offers flexibility for large components
- Built-in castors allow for easy mobility
- Built-in cleaning program ensures maintenance only once a week

Model	No. of Applicators	Capacity
Injecta 1	1	1-1/2 Gallons
Injecta 2	2	1-1/2 Gallons



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