



Machine Specifications

Force range.....	Adjustable up to 16,000 lbs. (72 KN)
Throat depth	24" (610mm)
Stroke length.....	0-8.5" (0-215mm) Adjustable
Insertions per hour.....	1500/hour
Electrical.....	3 Phase, 220 to 575V, 50 or 60 HZ
Motor.....	5 HP(3.72kW)
Oil tank reservoir	22 gallons (83 liters)
Automatic feeders.....	Four (4) Modular Autofeed System units
Shipping Dimensions.....	55"W x 66"D x 92"H (1400 x 1680 x 2340mm)
Shipping Weight	3200 lbs. (11451kg)

Features and Benefits

Haeger's Proven Safety System:

- Safety system is always in effect; requires no set-up or adjustment by the operator at any time.
- Allows the operator to work quickly and confidently, without cumbersome tool guarding.

4-station Automatic Upper and Lower Tool Changer

- For use with shuttle and shuttle-nut style tooling.
- Universal vacuum anvil selects the appropriate tip for each fastener based on the program.
- Can go from inserting one fastener type to another in 5 seconds.
- Allows one-time handling of parts with multiple fasteners.
- Acts as secondary batch counter as tools will not change until appropriate number of fasteners are inserted.

(4) Modular Autofeed System feeding units

- Automatically orientates and feeds nuts, studs, and standoffs without having to change the autofeed bowl.
- Patented modular tooling system for quick and easy tooling changeover.

PC-based Touch-Screen Operator Interface

- 10.4 inch color touch screen; Windows operating system; 640 X 480 resolution; 3GB hard drive; 32MB ram; ethernet port; FDD port; mouse and keyboard ports; parallel port; serial ports.

InsertionLogic™ Software:

- Practically unlimited on-board program storage. Once a job is set-up, it can be stored in memory for future recall.
- Full-color pictorial aids of operator functions for fast and easy set-up.
- Built-in menu structure. Programs can be generated using default values for specific types of fastener, material, and manufacturer. Stored programs can be sorted by tooling, fastener, date, or customer.
- Built-in menu functions. A help key is always available just like the Windows Help function.

Reliable Hydraulic Power:

- Safe, even application of pressure ensures proper seating of fastener.
- Ability to apply pressure at any point in the ram stroke.
- Ability to jog ram up or down.
- Reversible at any point in the ram stroke.

Tooling Protection System

- Significantly decreases risk of tooling damage and part damage during hardware insertion.
- Now uses a position transducer. Monitors ram position throughout the stroke.
- Automatically set. Just simply follow the touch screen pictures.
- Works in addition to standard conductive/non-conductive safety system.

Universal electrical control

- 24 voltage control with PLC conforms to applicable UL, Canadian CSA, and European CE safety standards.

Built-in Batch Counter

- Confirms the fastener count with an audible signal and counts completed parts.
- Ideal for quality control.

Built-in Ram Dwell Timer.

- Allows additional time for the fastener and the material to form a strong clinch before the ram retracts.
- Essential for quality results when working with stainless steel material.

Optional Accessories

Work light:

- Provides general illumination of work area.

Part locating light:

- Pin-points a cross-hair of light to aid operator in locating holes on larger parts.
- Increases productivity and decreases operator fatigue.

Request a Quote

Our authorized distributor in your territory would be pleased to provide you with a quote on the Haeger insertion machine of your choice. To identify the authorized Haeger distributor in your territory go to our distributor locator.