



### **Machine Specifications**

Force range.....	Adjustable up to 16,000 lbs. (72 KN)
Throat depth .....	24" (610mm)
Stroke length.....	0-8.5" (0-210mm) Adjustable
Insertions per hour.....	1500/hour at 1" (50mm) stroke
Electrical.....	3 Phase, 220 to 575 Volts, 50 or 60 HZ
Motor.....	5 HP(3.72kW)
Oil tank reservoir.....	22 gallons (83 liters)
Shipping Dimensions.....	44"W x 66"D x 92"H (1120 x 1680 x 2340mm)
Shipping Weight .....	2900 lbs. (1315kg)

### **Standard 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.

#### Reliable Hydraulic Power:

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

#### 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 port; keyboard port; 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, and backed up to floppy disk..
- 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 help functions. A help key is always available just like the Windows Help function.

#### Tooling Protection System:

- Significantly decreases risk of tooling damage and part damage during hardware insertion.
- Designed for quick and easy set up and operation. Set-up follows simple on-screen directions.
- Works in addition to standard conductive/non-conductive safety system.

Universal Electrical Control:

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

24 inch (610mm) Throat Depth:

- Allows easy access to large parts. For very large parts, see Haeger's 840 series machines.

Adjustable Stroke Positive Stop Cylinder.

- Allows delicate insertion work into light gauge material, aluminum, plastic, and PC boards.
- Limits stroke when precise depth of stroke is required.
- Optional crank assembly with digital read out position indicator for quick set-up.

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.

Fully Interchangeable Tooling.

- Manual and automatic tooling for all Haeger Press models are interchangeable to keep tooling costs low as additional machines are added.

Versatile.

- Optional part marking attachment.
- Optional press joining tooling.

**Optional Accessories**

Crank Assembly with Digital Readout (DRO) for Positive Stop Cylinder:

- Enables repeat jobs to be set-up quickly and accurately.

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.

**Automatic Feeding**

Haeger's Modular Autofeed System (MAS) used with our new "Surefire" tooling, can triple your fastener insertion productivity. Haeger MAS's can be retrofitted to any Haeger insertion machine. And Haeger tooling can be used on any Haeger machine. Click on the link to find out more about Haeger's MAS!

**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.