

## Haeger® 824™ OneTouch™ 5e

### Fastener Insertion System Combine Maximum Productivity and Process Control with Ease of Setup

#### 4 Station Automatic Lower Tool Changer

An integrated cartridge with 4 tooling stations automatically retracts, indexes and positions up to 4 different tools in the lower tool holder.

Maximum accessibility around the lower tool allows for parts with tall flanges to fit on the machine.

#### 4 Station Automatic Upper Tool Changer

4 Insertion Stations and 4 Tool positions provide the ability to automatically feed up to 4 different sizes and types of fasteners in one handling. Productivity of 1 insertion every 2.5 seconds, while tools are changed within 3 seconds. Fastener Detection and Fastener Length detection provides FULL process control in every station.

#### Fast & Easy Tooling Setup on 4 MAS 350 - Modular Autofeed Systems

A unique new drive system in combination with a complete new bowl design incorporating all the latest bowl feeding technologies. A long list of advantages, but what does this mean for you?

- Tool Change from 3 minutes to 3 seconds per MAS 350 through a one piece tool module.
- No more manual bowl setting required. Software automatically sets the proper vibration rate, air eject time and required air pressure to allow for failure free fastener feed. From a full bowl down to the last one out! Reliable Feeding. Faster Changeover. No Training Required.
- Larger bowl design in combination with new drive allows for fastener sizes M1.5 through M10 all to be fed in the same bowl.
- Deeper bowl design in combination with new bowl tooling design allows for fastener lengths up to 30mm all to be fed in the same bowl.
- New upper tool design allows use for quick change 1 piece tool module, resulting in faster and easier tool change.
- Change in bowl material resulting in fasteners becoming less dirty from "air-dust" or individual rubbing.
- Lower mounting position allowing for easier filling and emptying.



#### Easier and Faster Programming

The ALL NEW intuitive Insertion Logic™ Software with Insertion Graphics® and integrated Statistic Process Control allows for more functionality while reducing programming time. Version 12 Insertion Logic® provides you with the recommended operating time for the part programmed and stores any corrected errors during the insertion process, allowing you to provide this data with your deliveries to your customers.

#### Best Operator Ergonomics

Operator control pendant can be adjusted in 6 directions, allowing for easy access and the best view of screen instructions while standing up or sitting down.



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#### Specifications

Force Range	Adjustable 800 lbs. (3.6 kN) to 16,000 lbs. (72 kN)
Throat Depth	24" (610 mm)
Stroke Length	Adjustable 0 to 8.5" (0 to 220 mm)
Electrical	208 to 575 V 3 phase - 50 or 60 Hz
Motor	5 HP 3 Phase Low 16 A 208-240 V / High 9.6 A 380-480 V
Oil Tank Reservoir	22 gallons (83 liters)
Speed	up to 1,400 insertions per hour
Repeatability	+/- 2% of force setting
Weight	3,200 lbs. (1,452 kg)
Footprint	59"L x 40"W x 94"H (1499 mm x 1016 mm x 2388 mm)
Fastener Range	.256 to 1/2" (M2 to M12)

For more information on the 824™ OneTouch™ 5e and other Haeger® products, visit our website at [www.haeger.com](http://www.haeger.com) or contact your authorized Haeger® distributor.