

SPECIFICATION

Force range	Up to 10 ton adjustable
Throat Depth	25.6 in
Throat Height	17.7 in
Stroke Length	7.8 in
Electrical	240/480 VAC, 3ph, 60 Hz
TIS	Adjusted automatically
Safety Device	Standard
Positive Stop System	Standard
Batch Counter	Standard
Touch Screen	10" touch screen
Oil Tank Reservoir	19 gal
Speed	Up to 1500 insertions/hr
Fastener Range	Carbon steel fasteners with MAX size nut M12/stud M10/standoff M6
Hydraulic Oil	Tellus 46
Air Pressure	90 psi
Dimensions (WxDxH) in	47" x 66" x 92"

**Safety, Effcient, Multifunction,
Flexible, Energy Saving.....**

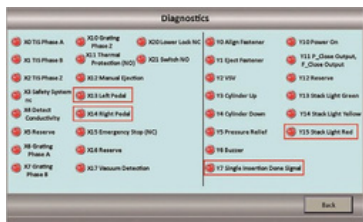
1125

Model HP-1125

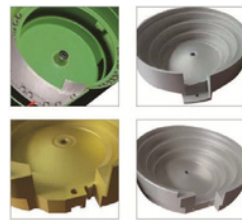
**Fastener Insertion
Equipment**



Power Option:
240V, 480V



Robot I/O



Special Modular Auto feed
System

SHELBY
MACHINERY LLC



The Shelby Model HP-1125 features 11 tons of ram force and a generous 25.6" throat depth. Auto force setting with proportional valve instead of manual pressure valve setting.

Standard

A: Positive Stop System

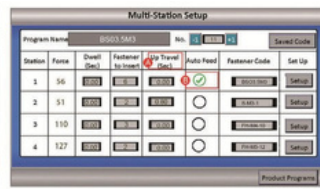
It is specially useful for soft workpieces such as the PC board, plastic, glass, and aluminum. It prevents the plate from being deformed or crushed when the fastener is pressed. The product thickness can be accurate to $+0.005\text{cm}$.

B: Easier and Faster Programming

Single Station Setting: Operators can set the force, Dwell and Up Travel from this single station screen.



Multi-Station: Multi-Station allows the operator to insert more than one fastener in a program. Each station can be configured to have its own individual Force, Dwell Time, fastener QTY and Up Travel.



Double Side Trunk Base

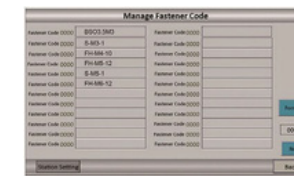


Multi language



D: Programs

Up to 200 customized made fastener database



Up to 200 programs can be stored and loaded



E: Ergonomics HMI

Operator control pendant adjustable in 2 directions.



F: Laser Locating

Assist to handle the big workpiece to cover lower tool by laser locating light reference.



G: 100% Safety System

Operator must test safety when starting the machine power supply every time. It makes the operator to fully protected on the conductive non-conductive work mode. No security risks.



C: ATIS-Auto Turret insertion System

Install up to 4 different fasteners in 1 single-part handling

A. Setting the number of press riveting on a single workpiece.

B. Batch Counter: The Batch Counter buzzer sounds indicate fasteners the workpiece insertion one time.

C. This is to track the total number of fastening products to facilitate the use of the equipment.

D. Workpiece Counter: The Batch Counter counts the number of completed workpieces by counting up "1" each time.



Station 1: 6pcs BSO-3.5M3 automatic top feeding



Station 2: 2pcs S-M3 manual



Station 3: 3pcs FH-M4 manual



Station 4: 2pcs FH-M5 manual



Most Popular Options

H: Standard Modular Auto feed System

-Including high-quality vibration bowl and intelligent digital variable voltage and variable frequency Piezoelectric vibration feeder controller.

-The Modular Auto feed System can feed nuts, studs, and stand offs in sizes M2 to M6. The maximum length of the studs and stand offs is 22mm. M2 to M6. The maximum length of the studs and stand offs is 22mm.



MSTP - Manual Tooling Package

Including 31pcs/33pcs/47pcs manual tools, 1 J-frame and 1 fixing base, suitable for most size fastener insertion



MSTP-33(Metric)



ISTD-35/49(Imperial)



J-Frame & fixing base realized insertion after bending, allowing you to bend easier.

① Shuttle nut tooling



S-M3/M4/M5/M6/M8-0, 1, 2

② Automatic bottom feed



S-M3/M4/M5/M6/M8-0, 1, 2

③ ABFT with part



S-M3/M4/M5/M6/M8-0, 1, 2

④ Shuttle stud tooling system



FH-M3-6~25mm FH-M4-8~25mm FH-M5/M6-10~25mm FH-M8-15~25mm

⑤ Shuttle stando tooling system



SO/BSO-M3-5~25mm/3.5M3-5.8~25mm/M4-9~25mm/3.5M4&M5-8~25mm

Special Automatic Tooling System

- 1 S-M10-0, 1, 2/S-M12-0, 1, 2 FH-
- 2 M10 B/BS-M3, B/BS-M4, B/BS-M5
- 3 F-M5/0.32-2
- 4 PF-M3, PF-M4, PF-M4, PF-M5,
- 5 PF-M6
- 6 TPS-M6
- 7 KS-M3, KS-M4, KS-M5
- 8 Rivet nut-M6