

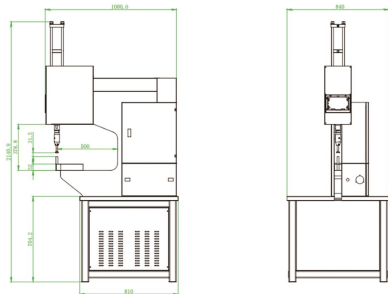
SPECIFICATION

Model	820Pro
Ram Force	0-8 Tons Infinitely Adjustable
Throat Height	340mm
Throat Depth	500mm
Max Riveting Capacity	Standard M8 Nut M8 Stud M6 Standoff Carbon Steel, Option M10 Nut Die
Cylinder Stroke	200mm
System Pressure	0-20Mpa
Input Power	380V 3P 50HZ 2.2KW
Machine Size	1100*840*2000mm
Weight	500KG

INSERTER offers you the most suitable riveting solution and a value unmatched by any other option.



Dimension



Dongguan Inserter Machinery Co.,Ltd.

Address: No. 80Yunhexiyi Road, Dongcheng Street, Dongguan City, Guangdong, China
 WhatsApp&Phone: +86-139-1756-4315 Tel: +86-512-50339036
 market@insertermachine.com www.insertermachine.com

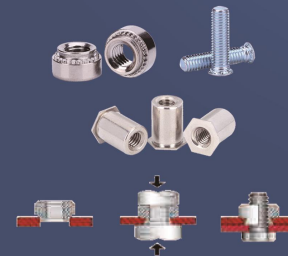
2023.01 version

Safety, High Riveting Capacity,
Affordable All in Inserter...

820

Inserter® 820 Pro

Fastener Insertion
Equipment



JOINT WORLDWIDE
Inserter Machinery Co.,Ltd.



820Pro 8 ton (80 KN) ram force,20 inch(500mm) throat depth, equipped with PLC control system and safety system.

Standard

A: Positive Stop System

It is specially useful for soft workpieces such as 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 +0.05mm.

B: Easy Touch HMI

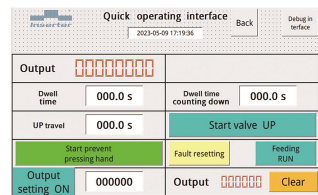
7 inch screen, quick setting touch screen instead of rotary / button control, adopts PLC system, realize easily automation I/O communication.

C: 100% Safety System

SAFE AND RELIABLE - Pneumatic fastener insertion machine pioneering safety system. Security system of Fastener Insertion Machine make the operator to full protection, which greatly enhanced the confidence and plug efficiency for the operator. No security risks.



D: Quick Operation Interface



- **Dwell Time**
It is the length of time that the force is applied between the upper and lower tools when inserting a fastener.
- **Up Travel**
The Up Travel controls the up position of the upper tool. This is the position that the upper tool returns to after an insertion is completed.
- **Batch Counter**
The counter is incremented by 1 when each insertion.

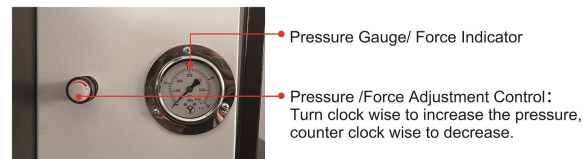
E: Laser Locating

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



F: Quick Force Setting

In debug mode, press "Start Valve Down", according pressure recommended value increase or reduce force adjustment control allowing you to find the right riveting force with in 10 seconds.



G: MSTP-Manual Tooling Pckage(Metric)

17 pieces of manual work with nuts, studs & standoff different size of punch and die. The punch & die holder installation diameter ϕ 12.7mm.

Die of Nut	5pcs (M3/M4/M5/M6/M8)
Die of Stud	5pcs (M3/M4/M5/M6/M8)
Die of BSO/SO	4pcs(Hole Diameter 4.2mm, 5.4mm, 7.2mm, 8.8mm)
Short Flat Punch	1pcs
Large Flat Punch	1pcs
Straight Flat Punch	1pcs

