

Semi-Automatic Machine for Tightening & Feeding Screws (Model No. : ARO-SASM-01)

Main components:

Machine is made of 2 main parts:

1. Screw feeding system.
2. Screw tightening system.

These 2 systems are controlled by the machine's program.

Operation:

Hand-held Semi-automatic screw machine feeds screws in a turbine way and order screws on a vibration guide rail, and transport screws between feeder to Screw driver nozzle through Pneumatic pressure and holding screw at nozzle by magnetic resonance, then one screw per time comes to screwdriver nozzle, finally electric screwdriver will fix the screw into products.



Features:

1. Automatic screw feeding & fixing for various shapes screws. One-hand operation.
2. Torque adjustable that ensure the quality of screw tightening.
3. Turbine feeding, low noise, convenient maintenance. Light weight and small, mobility and save space.
4. Warning Alarm function when shorage of screws.
5. High efficiency. No need to pick up screws, move and put screws. Just need to lock the screws aimed at the screw hole.
6. Sensor controls screws feeding one by one to avoid feeding repetition.
7. It can tight screw very fast, around 60 screw per minute.
8. The machine comes with in-build screw counter, so it can help to make mistake proof screw line. The range of counting we can set 0-9999 screws on digital display.
9. In-build FRL for air pressure control.
10. (OPTIONAL FEATURES) Also can be operated through Foot Pedal with addition attachment of Pneumatic Cylinder with Stand

Semi-Automatic Machine for Tightening & Feeding Screws (Model No. : ARO-SASM-01)

Working conditions

1, Screw specification requirements:

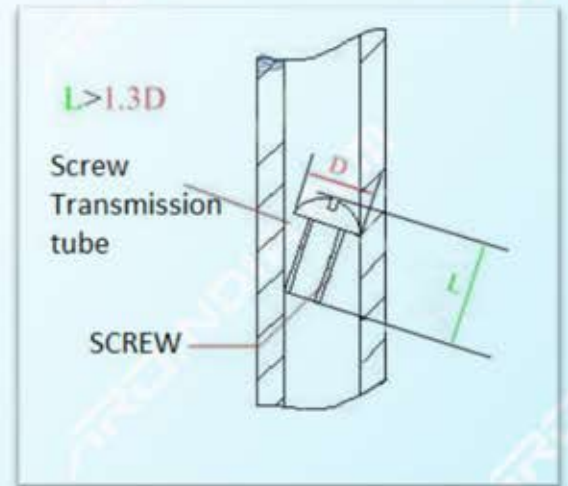
The screw length should be over 1.3 times greater than the screw cap's diameter.

If the screw cap is greater than the screw length, the screw cap may come out first, because the screw will turn over during feeding screws.

The screw length should be less than 25mm.

2. Product requirements:

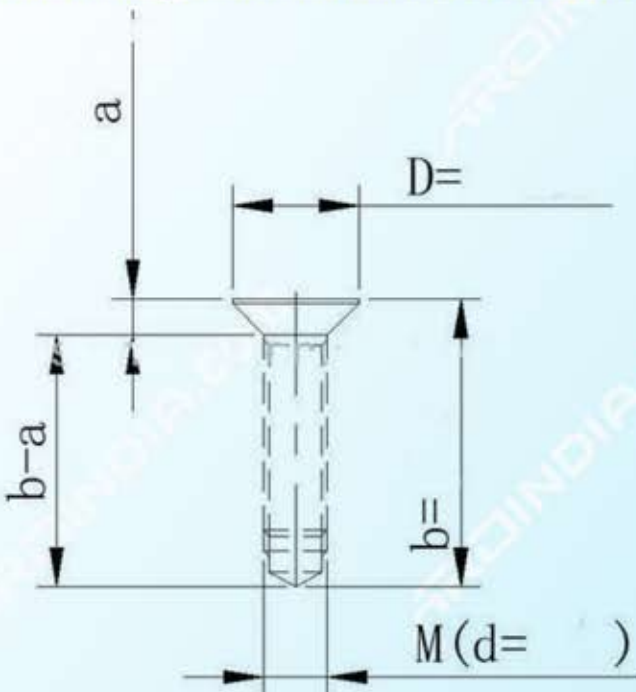
No barrier within 3mm around the lock hole. The screwdriver nozzle and the locked products should have a plane contact. There is enough space for the screwdriver nozzle to press the screws into locked products.



If you are interested in this screw feeding and tightening machine, please share us your screw size and shape of screw head with samples. See picture below.

Parameter

Voltage	AC220V 50HZ
Working pressure	3-15 KGF/cm2
Working efficiency	50-70PCS/MIN(Depends on screw length)
Noise	Lower than 65db
Conveying distance	1-4m
Hopper capacity	2000pcs for M 2x6 screws
Size	L305*W165*H240 (MM)
Weight	8KG
Screw length	Less than 25mm
Suitable screws	M2.0-M6.0
Automatic	Yes, Auto feeding, sorting and fixing screws
Requirement	Pneumatic Air for screw transportation



For more information Please feel free to contact us.