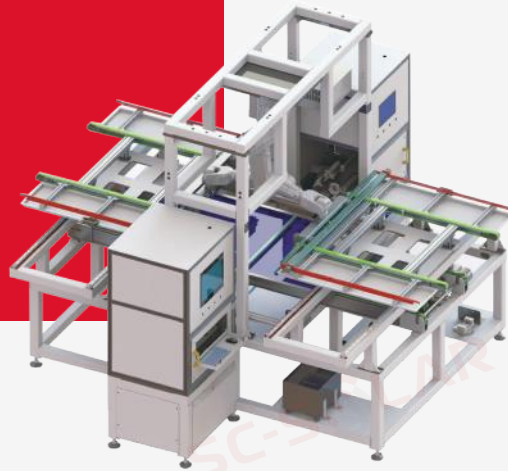


# AUTO SUPPORT BAR INSTALLATION MACHINE



## Features

- The overall structure is composed of a module alignment conveying unit, a support bar positioning mechanism, an automatic screwing system, etc.
- The screw machine is driven by servo, automatic switching; to ensure that the modules can be in and out at the same time, improving cycle time.
- Touch screen interface, switch module specifications, manual operation, alarm information and other parameter settings.
- The camera takes a picture to locate the screw position, and the manipulator places the support bars and aligns the position of the mounting hole.
- With screw discharge detection, screw sliding detection, screw floating lock detection.

## Functionality

- Module positioning accuracy:  $\pm 1\text{mm}$
- Torque requirements:  $11.5 \pm 1.5\text{Kgf.cm}$  (ST3.5\*32mm)
- Compatible with double support bar modules
- Replenish screw without stop

## Specifications

Item	Value
Compatible module size	length: 1650-2550(mm); width: 980-1450(mm)
Cycle time	$\leq 18\text{s}$
Air pressure	0.5-0.7(MPa)
Air consumption	400L/min
Power	5kW
Dimension(L×W×H)	3100*3750*1900(mm)
Weight	2000kg