

For automated assembly of Pre-Fab building materials

Single Spindle Screwdriver for self-drilling screw

FEEDMAT[®] FM530C

NEW

Compact and High Thrust
Single-Spindle for
Self-drilling screws



1 High speed & High quality

Maximum 2000min⁻¹ high speed for drilling, and keep stable tightening control after drilling

2 Low inertia & High thrust

Cylinder mounted on a straight line of the bit. Impact force will be decreased.

3 Compact

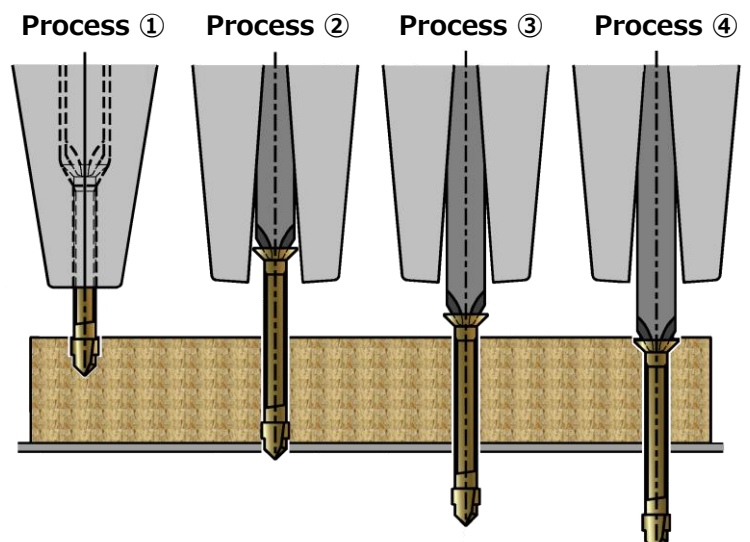
Much compact body than existing model. Easy to make more flexible layout. Minimum pitch will be 110mm.

Specifications

Model		FM530C
Applicable Screw	Category	Self-drilling
	Nom Dia.	4~5mm
	Length	25~50mm
Tightening torque		2.0~8.5Nm
Maximum speed for drilling		2000min ⁻¹
Driver stroke		50mm
How to verify tightening completion		Judged by screw height
Error detection		Screw height detection Screw feeding detection
Tool weight		Approx. 15kg
Tool dimensions		771×107×163mm
Power supply		Single phase AC200V 50/60Hz
Working air supply		0.4~0.5MPa
Controller	Model	SD70
	Power supply	MAX 1.5 kVA
Screw feeder		FF801H Basket capacity 2000mL

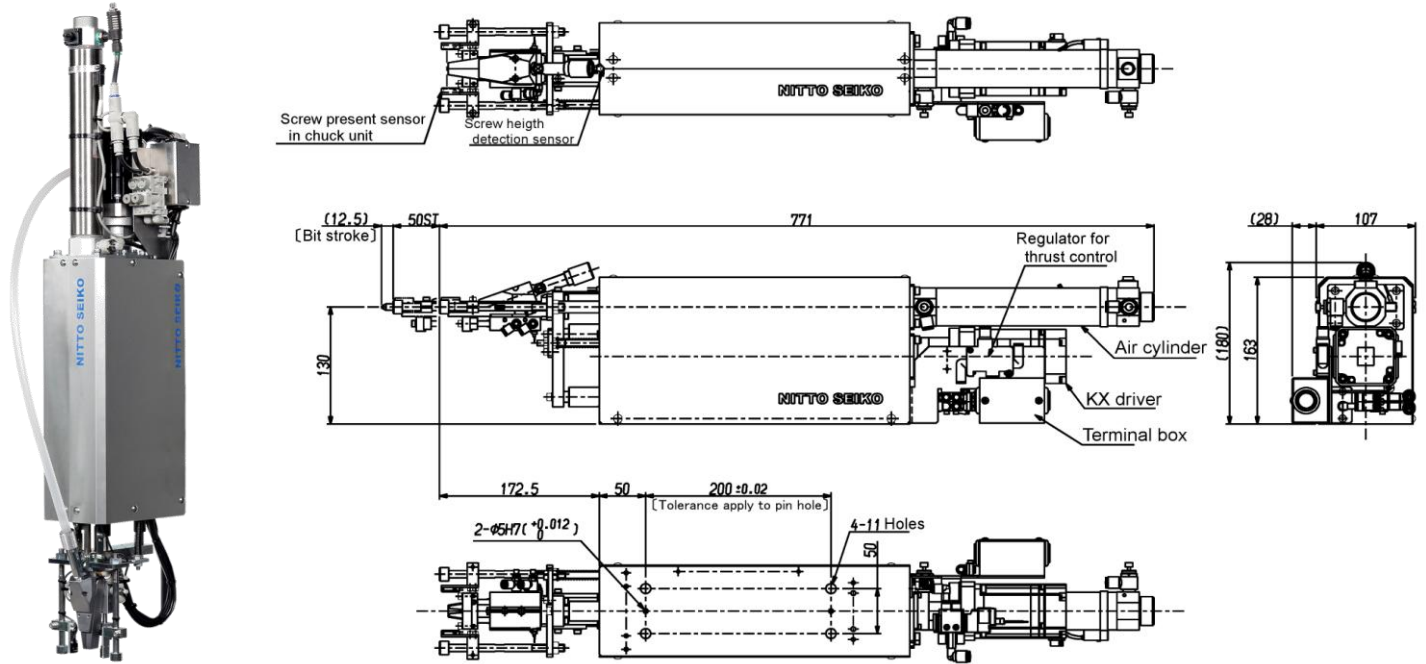
Tightening process for self-drilling screw

- ① Drill through board
- ② Drill through steel plate
- ③ Tap steel plate
- ④ Completed

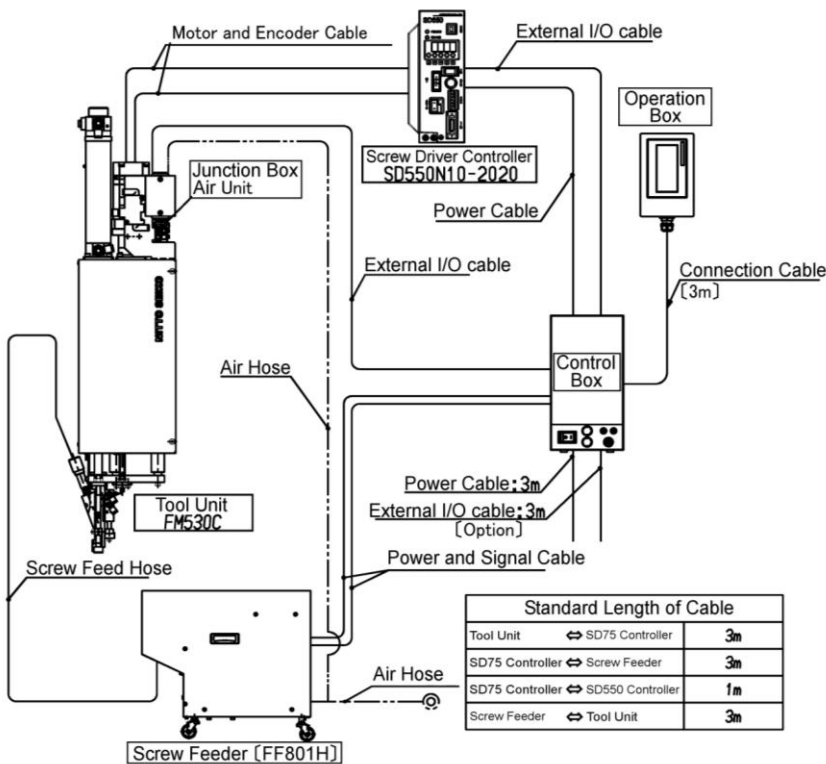


NITTO SEIKO CO., LTD.

● Driver Tool (mm)



● Device configuration



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