

NEW

Automatic Drilling and Tapping Stand

STANDRILL series 穴あけ

Drilling capacity

Aluminium Max.φ14
Steel Max.φ10

Tapping capacity

Aluminium Max.M12
Steel Max.M 7

Stroke

Max.150mm

Rotation speed

Max.3,000min⁻¹

DRILLING TAPPING
ねじ立て



This is special color version.

Same-day operation is possible just by connecting to main power supply.

Feature

① Same-day operation is possible just connected to main power supply.

② Easy programming

4.5 inches small touch panel for manual operation and program setting. Preloaded programs of machining patterns required for drilling and tapping, easy to program by entering cutting start or end point, spindle speed and so on.



③ Various functions

1. Preset counters 6 digits × 5
2. Capacity of total program records . . . 200 records
3. Easy teaching function included

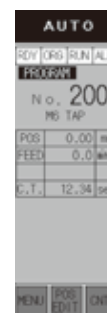
Easy and intuitive setting buttons



4. Additional options available for customization
ex. Continuous control of fixtures and safety doors



counter screen



programming screen



teaching screen

④ Drilling and tapping by a single unit

High power servo motors for main spindle and feed axis enable very easily to change programs, from drilling to tapping, or change thread pitch just by a touch panel. Also high precision tapping is possible by perfect synchronization.

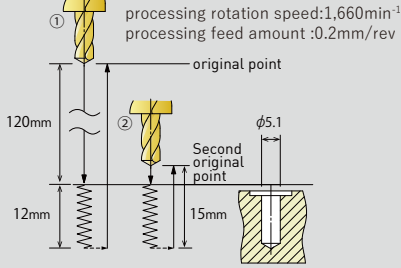
Drill and tap multiple holes at once

Additional multi-spindle head (optional) enables drilling and tapping holes of multiple locations simultaneously.



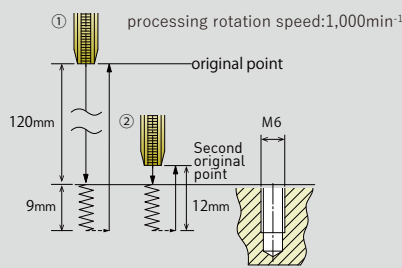
Cycle time example (drilling)

- ① 4.0sec (original point, back to the original point)
- ② 3.5sec (second original point, back to the second original point)



Cycle time example (tapping)

- ① 2.6sec (original point, back to the original point)
- ② 2.0sec (second original point, back to the second original point)



SPEC (Standard type)

model number	SPEC		Max. drilling / tapping capacity		stroke mm	spindle motor kW	feed motor kW	thrust N	cutting feed speed mm/sec	weight kg
	no-load rotation speed 50Hz min ⁻¹	60Hz min ⁻¹	aluminium (ADC) mm	steel (S45C) mm						
SD3P-1630SB (STANDRILL)	Max. 3,000		φ14	φ10	Max. 150	2.0	0.75	Max. 2,320	Max. 200	180 the whole stand
			M12	M7						

notes 1. Special specification line-up available, such as high speed type and high torque type. 2. In the above table, upper row is drilling capacity and down row is tapping capacity. 3. The drilling capacity written in the above table is based on values representing a drilling depth of two times the diameter of the drill. The tapping capacity is based on using spiral tap or point tap and a tapping depth is one and half times the diameter of the tapper.

SPEC (Standard type)

SELFEEDER DUO

Dimensions: 235, 289, 244, 800, 100, 73, 162, 630, 633, 150, 457.5, 298.5, 1085.5, 931.5, 92, 225, 225, 450.

Labels: controller, Handle, Full stroke.

Annotations: * MAX. 1085.5 MIN. 931.5, * MAX. 457.5 MIN. 298.5, * Above range shows movable range by lifting handle for the unit.

Unit: mm

14^{+0.3}/₀

24

10

18

detailed drawing of groove shape "A" (3 points)

DRILLING AND TAPPING UNITS SELFEEDER DUO

* Individual items also available for sales.

SUGINO
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