

Mechanical feed type tapping unit

SYNCHROTAPPER

STC-P

Drilling capacity

Aluminium Max. $\phi 22$
Steel Max. $\phi 16$

Stroke

Max. 120mm

Rotation speed

Max. 720min⁻¹



Feature

1. Long stroke.

Long stroke tapping unit with a 120mm full stroke. Capable of avoiding interference with fixtures or peripheral devices and making it easier for tool exchange.

2. Fast approach and fast return mechanisms cut down cycle time.

The built-in automatic switching of fast approach traverse and fast return significantly cut down idling time during tapping.

SPEC (Standard type)

Model	Rotation speed		Tapping capacity								Stroke			Fast approach speed		Maximum tapping cycle time per minute	Thread pitch		Weight	Motor spec.		
			1 spindle		2 spindles		3 spindles		4 spindles		Full Stroke	Fast approach stroke	Pitch feed stroke	50Hz	60Hz		mm	Therads /inch		3phase		
	AL*	ST* (S45C)	AL*	ST* (S45C)	AL*	ST* (S45C)	AL*	ST* (S45C)	mm	mm						mm/s			time/min	V	Hz	A
	50Hz	60Hz	mm		mm		mm		mm		mm			mm	kg	V	Hz	A				
STC-P316	600	720	M14	M8	M12	M8	M10	M6	M8	M5	12	30	0	83	100	10	0.5	40	220	50	3.6	
			M12	M8	M10	M6	M8	M5	M6	M5							0.7	32				380
	M18	M14	M14	M10	M12	M8	M10	M6	0.8	28							400	50		1.9		
	M16	M12	M12	M8	M10	M6	M8	M6	1	27											415	50
	400	490	M22	M16	M16	M12	M14	M10	M12	M8							1.25	24		440		
																	1.5	20			50	1.6
			1.75	19	60	1.6																
			2	18			Power 0.75kW Poles 4P															
	2.5	16																				
	3	14																				
		12																				
		11																				
	10																					

Note 1. The upper column of the chart is for a spiral tap and a point tap. The lower column is for hand tap No.2.

Tapping capacities are conditional on the depth of tapping being limited to 1.5 times of the tap diameter.

2. Allowable weight of multi spindle head to be attached to SYNCHROTAPPER is as follows.

Water proofing and dust proofing must be required when processing upward direction.

(when working in a horizontal direction: 35Kg, in a vertically upward direction: 25Kg, in a vertically downward direction: 25Kg)

3. AL*: Aluminium ST*: Steel

