

SM 400

TAPPING CENTER



SM 400

A new leader in vertical tapping machine
It would be the best choice for mass producing automobile parts



We have adapted the rigid tapping as a standard feature for all products, which should be able to maximize customers' productivity with "inch perfect" accurate/prompt tap processing. In addition, the precision of our rigid tap process has been proved in accordance with all relevant ISO certificates and also even tapping tool life can be extended. Furthermore the processing time has been saved on the reverse rotation with triple speed up return.

Major Specifications

DESCRIPTION		SM 400 (Fanuc)	SM 400 (Mitsubishi)	SM 400 (Siemens)
Travel X/Y/Z	mm	530×400×350	530×400×350	530×400×350
Distance from table top to spindle spindle nose	mm	150~500	150~500	150~500
Working Surface - table size	mm	600×400	600×400	600×400
Loading capacity	kgf	200	200	200
Table surface configuration	mm	14H8 × p125 × 3ea	14H8 × p125 × 3ea	14H8 × p125 × 3ea
Spindle Speed [Opt.]	min ⁻¹	12,000 [20,000]	24,000	24,000
Spindle Motor(Cont./Short) [Opt.]	kW	5.5/3.7 [3.7/2.2]	5.5/3.7 [3.7/2.2]	11.7/3.5
Rapid Traverse(X/Y/Z)	m/min	60/60/60	60/60/60	60/60/60
Tool Shank	-	BT30	BT30	BT30
Tool Changing Time(T-T)	sec	1.4	1.4	1.4
Magazine Capacity	ea	21	21	21
Required floor space (L×W×H)	mm	2,950×1,670×2,650	2,950×1,670×2,650	2,950×1,670×2,650
Machine weight	kgf	3,800	3,800	3,800
Controller		Fanuc Series	Mitsubishi	Siemens