

TAP SMART

CNC Electric Tapping Machine

RC RAVISON'S
CORPORATION



- Fast And Easy Operation.
- Save 90% cost of tapping.
- 100% Gauge assurance.
- Eliminates Tap breakage.
- Less consumption of electricity.
- Operate on single phase.
- Depth control facility.
- Tapping cost per hole negligible
- Tapped hole counting facility.
- Torque adjustment.

3.Servo Motor:

Provide Fast forward-Reverse rotation and good and steady torque.



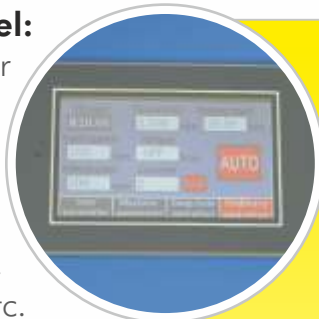
4.Handle Grip:

Provide machine holding as well as forward-Reverse buttons mounted on grip ensure fast operation.



6. Control panel:

Mounted on lower arm with touch screen display where operator can select tap size, torque, speed, depth etc.



5.Safety tap collets:

safety collets consist of torque setting which prevent tap brakage.



1.Lower Arm:

Provide fast and easy machine movement and maximum possible reach.



2.Upper Arm:

It consists of gas spring which make the machine floating and nullify the vertical load acting on tap.

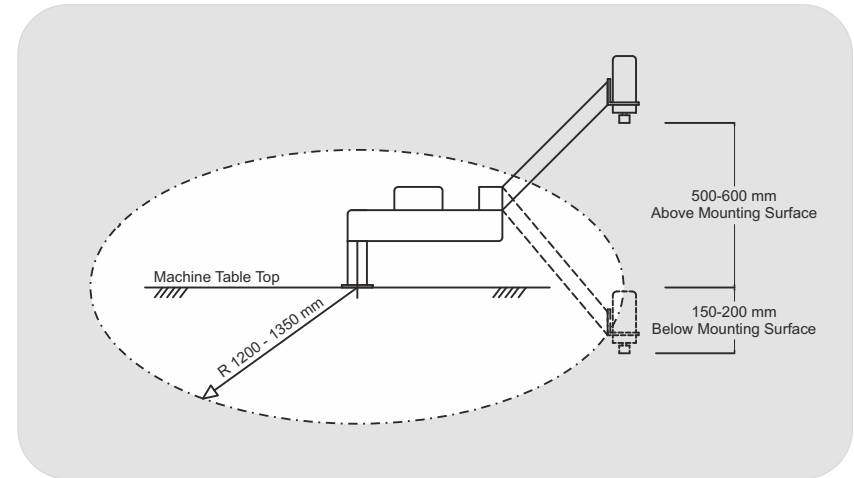




SV
Standard Arm
Vertical Head Machine
(Order Code 'SV')



SU
Standard Arm
Universal Head Machine
(Order Code 'SU')



Model	Capacity	Working Radius Std Arm	Speed	Power	Tap collets
TAP SMART - 12	M3-M12	1200mm	0-600Rpm	800W	M3,4,5,6,8,10,12
TAP SMART - 16	M3-M16	1200mm	0-300Rpm	800W	M3,4,5,6,8,10,12,14,16
TAP SMART - 24	M6-M24	1350mm	0-200Rpm	1200W	M6,8,10,12,14,16,20,22,24
TAP SMART - 30	M6-M30	1350mm	0-150Rpm	1200W	M6,8,10,12,14,16,20,22,24,30
TAP SMART - 36	M6-M36	1350mm	0-100Rpm	1200 & 2400W	M6,8,10,12,14,16,20,22,24,30,33,36

Product By: RAVISON'S CORPORATION. All Models have module "SV" & "SU" available.

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Optional Accessories



Working Table :
900x600x700.
Designed with heavy duty box section frame and 12mm thick machined top surface. Powder coated with arrangement of castor mounting.



Quick Change Safety Tap Holder :
Torque slip clutch collets ensure controlled torque while tapping and avoid tap breakage.



Magnetic Base :
250x100x190mm
Lifting capacity 300/500/1000Kg
For easy mounting of machine on large plates and heavy jobs.

Tapping Torque Requirement

Tap Size	Tap Collet size	Torque (Nm)
M3	3.15 X 2.5	0.5
M4	4 X 3.15	1.4
M5	5 X 4	2.5
M6	6.3 X 5	4.5

Tap Size	Tap Collet size	Torque (Nm)
M8	6.3 X 5	8.5
M10	8 X 6.3	18.0
M12	9 X 7.1	28.0
M14	11.2 X 9	40.0

Tap Size	Tap Collet size	Torque (Nm)
M16	12.5 X 10	50.0
M20	14 X 11.2	86.0
M22	16 X 12.5	100.0
M24	18 X 14	150.0

Tap Size	Tap Collet size	Torque (Nm)
M27	20 X 16	170.0
M30	20 X 16	250.0
M33	22.4 X 18	290.0
M36	25 X 20	400.0

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