

TAP SMART

CNC Electric Tapping Machine

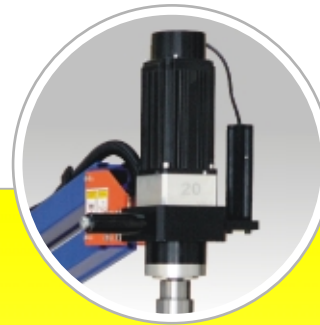
RC RAVISON'S
CORPORATION



- 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.



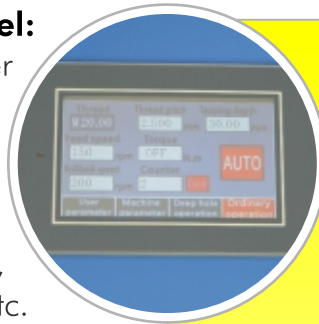
4.Handle Grip:

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.



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.



5.Safety tap collets:

safety collets consist of torque setting which prevent tap brakage.





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



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



LV
Long Arm
Vertical Head Machine
(Order Code 'LV')

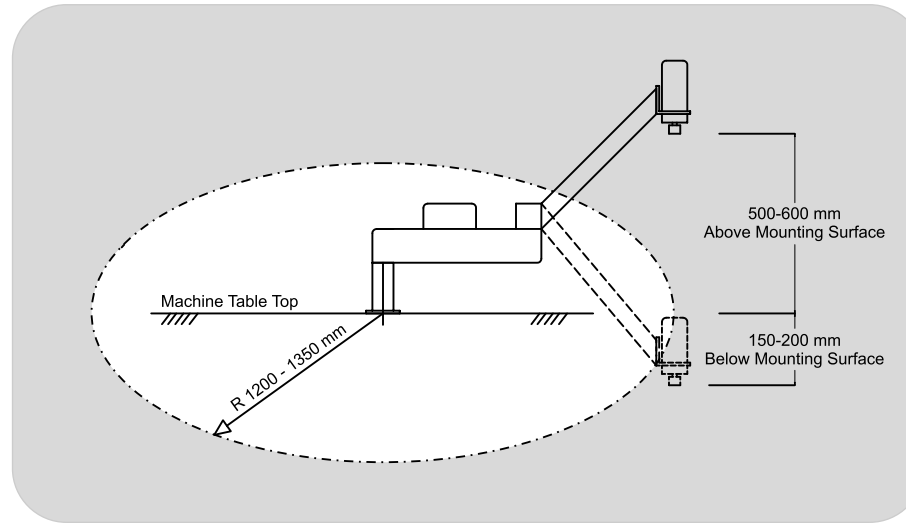


LU
Long Arm
Universal Head Machine
(Order Code 'LU')

Model	Capacity	Working Radius		Speed	Power	Tap collets
		Std Arm	Long Arm			
TAP SMART - 12	M3-M12	1200mm	2000mm	0-600Rpm	600W	M3,4,5,6,8,10,12
TAP SMART - 16	M3-M16	1200mm	2000mm	0-300Rpm	600W	M3,4,5,6,8,10,12,14,16
TAP SMART - 24	M6-M24	1350mm	2000mm	0-200Rpm	1000W	M8,10,12,14,16,20,22,24
TAP SMART - 30	M6-M30	1350mm	2000mm	0-200Rpm	1000W	M8,10,12,14,16,20,22,24,30
TAP SMART - 36	M12-M36	1350mm	Not Applicable	0-100Rpm	2400W	M8,10,12,14,16,20,22,24,30

All Models have module "SV" / "SU" & "LV" / "LU" available.

Product By: RAVISON'S CORPORATION.



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

