

CRAFTED TO PERFORM CONSISTENTLY



HIGH PRODUCTIVITY AT LOW COST



SHRI GANESH INDUSTRIES

TAP-FAST

THE ARM DESIGN ROBUSTLY WORKS FLEXIBLY AND PRECISELY ACCOMMODATING JERKS ENSURING PRECISION TAPPING

UNIVERSAL TAPPING FACILITY. THE TAPPING HEAD CAN BE ADJUSTED TO VERTICAL OR HORIZONTAL DIRECTION

SERVO MOTOR DRIVE, WITH HIGH PRODUCTION EFFICIENCY WITHOUT NOISE, SUFFICIENT POWER WITH QUICK CUTTING SPEED



ELECTRIC TAPPING MACHINE

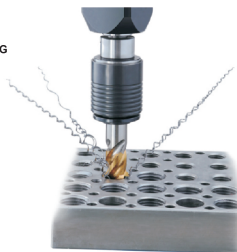
FLEXIBLE TAPPING SYSTEM WITH TORQUE PROTECTION PREVENTING DAMAGE TO SCREW TAP QUICK CHANGE CHUCKS ENSURE TAPPING FLEXIBILITY

NUMERICALLY OPERATED CONTROL BOX FACILITATE EASY SETUP OF MACHINE

FACILITATES AUTO AND MANUAL TAPPING, DEPTH CONTROL AND PITCH CONTROL

EASY TO OPERATE, NO EXPERIENCE REQUIRED

AUTO REVERSE OF TAPPING WHEN TORQUE PROTECTION ON



HIGH SPEED



HIGH PRECISION



ENERGY SAVING

CNC ELECTRIC TAPPING MACHINE FEATURES -

- // Energy saving // Less tool wear // Depth control facility // Auto tapping as well as manual tapping at a click.
- // Tapped hole counter // Easy operation, no experience required // High efficiency with low operating cost and maintenance
- // Save upto 30 % than the conventional machine // Rotary arm runs flexibly and precisely ensuring precision tapping

SHORT ARM UNIVERSAL TAPPING
M12, M16, M24, M30, M36



ADVANTAGES -

- ✓ Eliminates cost of compressor
- ✓ Noiseless operation
- ✓ Less consumption of electricity
- ✓ Operate on single phase
- ✓ Can be moved to any location
- ✓ Eliminates cost of pneumatic piping making it more portable
- ✓ Depth control facility
- ✓ CNC operated tool no wear out less
- ✓ Tapping cost per hole negligible
- ✓ Tapped hole counting facility
- ✓ Torque adjustment

TECHNICAL PARAMETER -

"V" stands for Vertical, "U" stands for universal.
"S" stands for short length arm

	Model	Capacity (mm)	Working Radius(mm)	Power (kw)	Speed (r.p.m.)	Gross Weight(kg)	Collet
SG312	SG1200-312VS	M3-M12	1200	0.6	0-600	28	M - 3,4,5,6,8,10,12
	SG1200-312US	M3-M12	1200	0.6	0-600	31	
SG316	SG1200-316VS	M3-M16	1200	0.6	0-300	28	M - 3,4,5,8,10,12,14,16
	SG1200-316US	M3-M16	1200	0.6	0-300	31	
SG624	SG1350-624VS	M6-M24	1350	1.0	0-200	50	M - 8,10,12,14,16,20,22,24
	SG1350-624US	M6-M24	1350	1.0	0-200	55	
SG630	SG1350-630VS	M6-M30	1350	1.2	0-200	50	M - 8,10,12,14,16,20,22,24
	SG1350-630US	M6-M30	1350	1.2	0-200	55	
SG1236	SG1350-12-36VS	M12-M36	1350	1.0	0-150	65	M - 12,14,16,20,22,24,30,33,36
	SG1350-12-36US	M12-M36	1350	1.0	0-150	70	

Note : All collets are not standard accessory with machine. Limited collets with machine, ask for details.

MANUAL TAPPING MACHINE

TECHNICAL PARAMETER -

USME - RD



MODEL	USME-RD	
Tapping Capacity	-	2mm To 8mm in C.I 2mm To 6mm In M.S
Spindle Center To Column	A	295
Column Dia.	B	50
Max. Spindle Nose To Table	C	250
Max. Spindle Nose To Base	D	395
Taper In Spindle	E	-
No. of Speed	-	2
Range of Speed	-	540-1160
Table Size	F	185x185
Overall Size Of BaseL x B x H	-	460x330x1050
Power Required	-	0.5 HP.

TECHNICAL PARAMETER -

US - 1 P



MODEL	US - 1 P	
Tapping Capacity	-	5mm To 12mm in C.I 5mm To 10mm In M.S
Spindle Center To Column	A	237
Column Dia.	B	127
Max. Spindle Nose To Table	C	300
Max. Spindle Nose To Base	D	530
Taper In Spindle	E	MT -2
No. of Speed	-	3
Range of Speed	-	300-600-900
Table Size	F	330X330
Overall Size Of BaseL x B x H	-	765X535X1200
Power Required	-	1 HP.

TECHNICAL PARAMETER -

US - 1 / US T 16



MODEL	US - 1	US - T16
Tapping Capacity	-	5mm To 16mm in C.I 5mm To 10mm In M.S
Spindle Center To Column	A	397
Column Dia.	B	127
Max. Spindle Nose To Table	C	420
Max. Spindle Nose To Base	D	690
Taper In Spindle	E	MT - 2
No. of Speed	-	3
Range of Speed	-	300-600-900
Table Size	F	330X330
Overall Size Of BaseL x B x H	-	765X535X1330
Power Required	-	1.5 HP.



TECHNICAL PARAMETER -

US - 2

MODEL	US - 2	
Tapping Capacity	-	6mm To 20mm in C.I 6mm To 18mm In M.S
Spindle Center To Column	A	611
Column Dia.	B	178
Max. Spindle Nose To Table	C	600
Max. Spindle Nose To Base	D	900
Taper In Spindle	E	MT -3
No. of Speed	-	6
Range of Speed	-	160-750
Table Size	F	450X475
Overall Size Of Base L x B x H	-	1230X750X1860
Power Required	-	1.5/2.5 HP.

LASER FAST - HIGH SPEED LASER MARKING MACHINE



TECHNICAL PARAMETER -

MODEL	Laser Fast	
Laser Power	-	10W/20W/30W/50W
Laser Wavelength	-	1060mm
Beam quality	-	m2<1.5
Laser repetition	-	<100KHz
Standard Marking Range	-	110x110mm
Matching Marking Range	-	100x100/150x150mm/ 200x200mm
Engraving line speed	-	<7000mm/s
Minimum line width	-	0.01mm
Minimum character	-	0.05mm
Repeat Accuracy	-	+/-0.001mm
Power Consumption of the whole Machine	-	<500W
Power demand	-	200v/50Hz/10A
Cooling mode	-	Air cooling

- * Fiber laser marking machine is the latest technical generation of laser marking system.
- * Using optical fiber laser generator, passing through high speed scanning galvanometer system to create marking.
- * The electro-optic conversion rate of the fiber laser is up to 70% which is higher than the semiconductor laser marking machine.
- * Long time zero maintenance
- * Fast marking speed, installed high speed scanning head.
- * No consumables, low power consumption less 500W.
- * Completely air cooling, instead of water cooling machine, saving the energy consumption.
- * Not affected by advance condition and temperatures changes, can use storage battery for power supply when power off.
- * Stable production on for volume production.
- * Application : Auto Parts, Watch Glass, Medical Equipment's, Electronic Hardware etc.

SG 200A**CHAMFERING MACHINE****TECHNICAL PARAMETER -**

MODEL	SG 200A
Space Requirement	360 mm x 200 mm x 260 mm
Voltage	3Ø , 50Hz/60Hz
Speed	3500 R.P.M
Motor	1 HP
Height Of Bevel	0-7mm
Bevel Angle	15°~45°
N.W / G.W	11kgs / 13kgs
Cutter Size	SPUN 1203 x 9pcs
Track Size	200mm x 78mm x 9mm 200mm x 45mm x 9mm

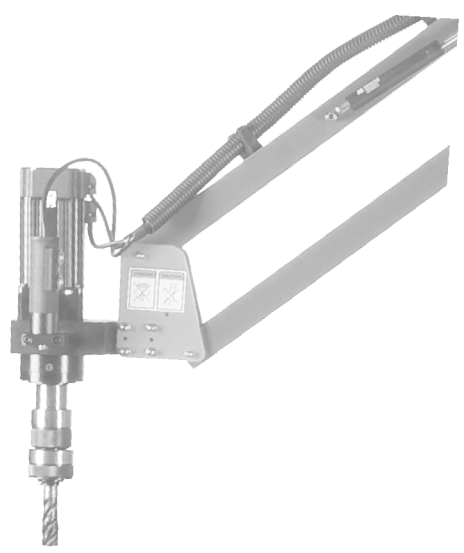
SG 300A**TECHNICAL PARAMETER -**

MODEL	SG 300A
Chamfering height	Straight line: 0-3mm Curved: 0-2.5mm
Chamfering angle	Straight line angle: 15° - 45° Curved angle: 45°
Power	3/4HP(750W), 380V
Speed	Straight line: 8500rpm Curved: 12000rpm
Dimension	51×42×60cm
Weight	73kg
Standard Equipment	Inserts*2 sets : 1 set for straight, 1 set for curved

SG 500A**TECHNICAL PARAMETER -**

MODEL	SG 500A
Accessory	Side mills Ø63mm x Ø17mm x 15mm
Machine Size	L500mm x w350mm x H320mm
Voltage	3Ø , 220v-44.v, or 1Ø , 110v/220v;50Hz/60Hz
Speed	3500 / 2800 rpm
Height Of Bevel	0-3 mm
Bevel Angle	15°- 45°
N.W /G. W	26kgs / 29 kgs
Packaging	55 cm x 42 cm x 32 cm
Measurement	2.74 Square feet
Motor	0.5 HP / 1 HP
Cutter Size	SPUN 1203 x 6pcs
Tarck Size	500mm x 100mm x 12mm, 500mm x 40mm 12mm

Note : Due to continuous developments, specification & Illustrations are subject to change without notice for all the machines.



TAP WITH PRECISION



Manufactured By:-

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