








For more than 40 years, **Sugino Corp.'s** selffeeder product line has set the "industry standard" in accuracy and reliability for drilling and tapping units. Their line of programmable servo drill and tapping units is known for being highly accurate, flexible, and efficient while at the same time being easy to program and operate.

SERVO DRILL UNIT SERIES

VARIMEC SERIES:	MECHATRIC SERIES:
<ul style="list-style-type: none"> • Mechanically fed, electrically controlled servo drill capable of adjusting spindle rotation, speed & feed • 4 models – SSV2, SSV3, SSV4 & SSV5 • Standard integral collet spindles with available ASA spindle option • Compact design yet long stroke operation (up to 300 mm with SSV5) • Controller and cables included • Can be used in conjunction with XY slide unit to flexibly meet changes in work piece 	<ul style="list-style-type: none"> • Mechanically fed, electrically controlled servo drill capable of adjusting spindle rotation, speed & feed • 4 models – SSM4, SSM5, MS3P and MS7 • Consistent feed rate due to a combination of servo motor & ball screw reduces burrs & lengthens tool life • Standard integral collet spindles with available ASA spindle option • Controller and cables included • Higher torque units for large hole drilling • Through-the-tool coolant & spindle air purge options
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>SSV3 UNIT</p> </div> <div style="text-align: center;">  <p>SSV5 UNIT</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>SSM4 UNIT</p> </div> <div style="text-align: center;">  <p>SSM5 UNIT</p> </div> </div>

SERVO TAPPING UNIT SERIES

<ul style="list-style-type: none"> • High precision tapping units that can synchronize rotation with feed by high efficient AC servo motor • 4 models – ST1, ST2, ST3 & ST4 • Depth repeatability of +/- 0.001" (+/- 0.03 mm) • 1 – 4000 RPM spindle RPM range • Hole sizes from M5 up to M27 in aluminum • Strokes range from 20 mm up to 120 mm • Digital input for stroke & RPM • Controller and cables included • Second reference point allows for greatly reduced cycle time • Class 3 threads • Sugino can supply either a teaching console or PC based software for easy programming of stroke and rotation speed • Multi-spindle drill heads, both adjustable and fixed center, are available for these tapping units • Complete line of accessories available, such as level clamps and column assemblies for fixturing, tap holders, and collet chucks 	<div style="text-align: center;"> <p>Steel M5 Aluminium M6</p>  <p>ST2 SERVO TAPPER</p> </div> <div style="text-align: center;"> <p>Steel M7 Aluminium M12</p>  <p>ST3 SERVO TAPPER</p> </div> <div style="text-align: center;">  <p>ST4 SERVO TAPPER</p> </div>
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To learn more about Sugino's complete product line or obtain CAD drawings, visit their web site at: www.suginocorp.com. Feel free to contact us should you have any questions or need additional information. Thank you.