

**SUGINO**

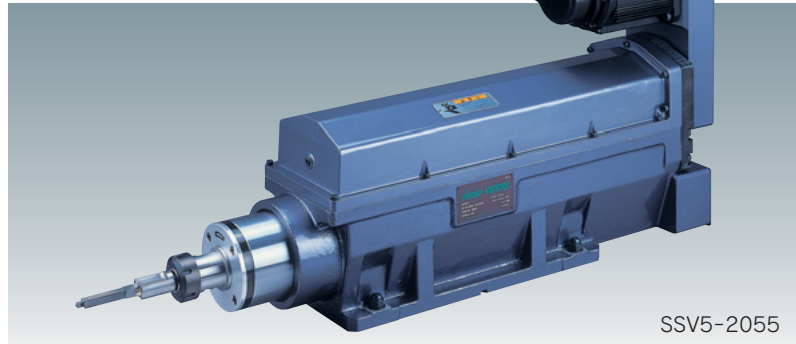
*Mechanical feed and electronic control drill unit*

# selfeeder™ varimec

*Model SSV5*



Selfeeder Varimec SSV5 is a high-power mechanical feed drill unit, with spindle motor output 2.5kW and thrust 7,760N. Its structure is highly rigid, and high-precision. It allows a maximum DIA. 19 mm for drilling, through steel products facing and end mill machining.



SSV5-2055

## Features

### 1 Great Versatility

The provided inverter allows you to set the spindle rotation speed freely. The spindle rotation speed can be changed at any time while cutting to provide you with the best cutting conditions.

### 2 Compact Size

In spite of its full stroke of 300 mm, the unit's overall length is 871 mm, approximately two thirds of our other similar units. This compact design can save installation space.

### 3 High-power and High Rigidity

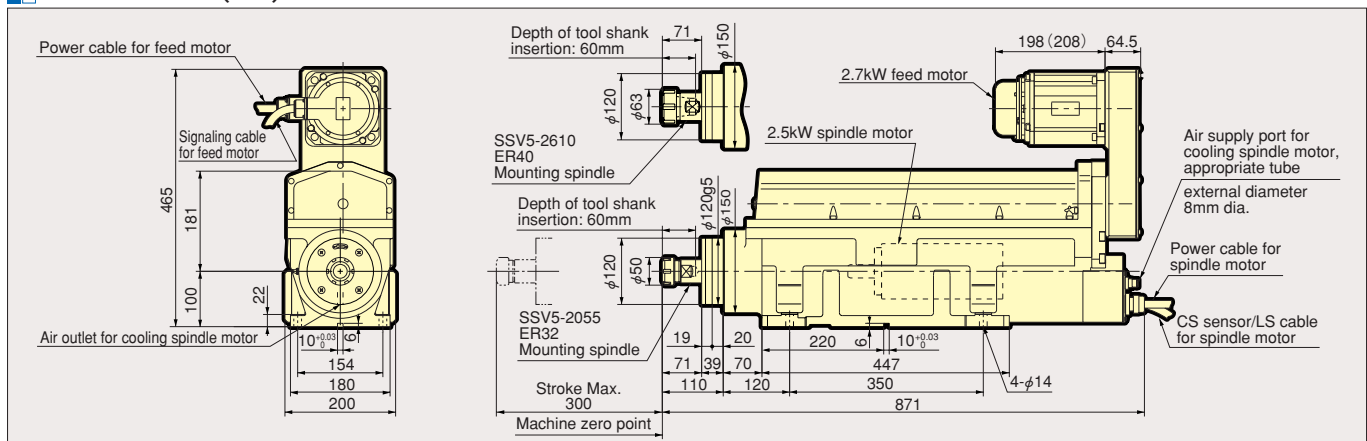
It is high-power and highly rigid drilling unit, with a spindle that employs 2.5kW motor, and a linear guide in feed axis.

## Capacity

Specs.	Spindle speed (no load)		Chuck type	Chucking capacity	Drill size			Stroke	Spindle motor	Feed motor	Thrust	Rapid approach speed	Cutting speed	Weight
	50Hz	60Hz			Aluminium (ADC)	Cast iron (FC200)	Carbon Steel (S45C)							
Model	min <sup>-1</sup>		—	mm	mm	mm	mm	kW	kW	N	mm/sec	mm/sec	kg	
SSV5-2055	300~5,500		Collet Chuck, (Rego-Fix, ER32 model)	2.0~20.0	2.0~16.0	2.0~14.5	2.0~11.5	Max. 300	2.5 Built-in motor	2.7 AC servo motor	7,760	Max. 300	Max. 16.7	100
SSV5-2610	60~1,010		Collet Chuck, (Rego-Fix, ER40 model)	3.0~26.0	3.0~25.0	3.0~23.0	3.0~19.0							

Notes 1. To select your model, refer to the workpiece configurations, material, cutting properties, diameter of hole, and rotation speed (cutting speed).  
 2. The drilling capacity shown above is for a depth equivalent to the drill diameter times two.  
 3. The power-supply voltage is three-phase AC200V ± 10%, 50/60 Hz.  
 4. When you use servo motor with holding brake, which is optionally available, you add "B" to the end of the model number.

## Dimensions (mm)



Notes : The size in parenthesis indicates the size with the holding brake.

## SUGINO MACHINE LIMITED

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