

# Stator Systems

**Stator Systems**

## Coil forming machines



149.95 0 0 265.42 28.35 275.64 cm /13 Do Q

The FO group of vertical pre-forming machines can process stators with the following minimum and maximum dimensions :

Model	FO1	FO2	FO3
Maximum stator o/dia (mm)	300	200	140
Minimum stator stack height (mm)	100	100	40
Maximum stator stack height (mm)	300	250	200

In the pre-forming operation of stators it is very important that the copper end windings are formed down to a suitable size prior to the lead connection and lacing operations.

Stators are mounted in a support cup and automatically loaded and unloaded in and out of the working area. The coil forming end rings are powered by hydraulic cylinders which are controlled by a highly accurate electronic reading system to govern the length of travel. This movement is fully programmable to cater for different stator stack lengths.

{flv img="fvzverticalformingmachine.jpg"}fvzverticalformingmachine{/flv}

type=image,ypos=70,xpos=55.324527777778,width=79.35,height=69.0345 224.93 0 195.69 28.35 617.86 cm /I4 Do Q

The SF series automatic final forming machines can process stators with the following minimum and maximum dimensions :

Model	SFO GS	SF1	SF2	SF3
Maximum stator o/dia (mm)	400	300	200	140
Minimum stator stack height (mm)	100	100	80	40
Maximum stator stack height (mm)	350	300	250	200

Stators are mounted in a support cup and automatically loaded and unloaded in and out of the working area. The coil forming end rings are powered by hydraulic cylinders which are controlled by a highly accurate electronic reading system to govern the length of travel. This movement is fully programmable to cater for different stator stack lengths.

{flv img="fvzhorizontalformingmachine.jpg"}fvzhorizontalformingmachine{/flv}

Whether it be a vertical coil forming machine or a horizontal coil forming machine, it is completely possible to integrate either the SF or FO range of machines into an automatic line.

As always, high quality workmanship, mechanical and electrical components are used in the machine and tooling construction providing every customer with a solid and reliable production machine.