



# Stator Systems

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## 2 pole rotor winders



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The FAOR12 automatic 2 pole rotor winding machine uses flyer winding technology and is suitable for 2 pole rotors with straight slots or skewed slots.

Â This machine is typically used in production lines for portable generators.

Â The high speed flyer winding system is PLC controlled and is fully programmable.

Â High precision layering of the wires directly into the slots provides excellent well balanced coils on both rotor poles.

Â This high performance 2 pole rotor winding machine can also be integrated into a fully automatic line where it is possible to automatically load the slot wedges.

Â Rotors can be either loaded manually or automatically i.e by robot technology

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A 2 pole rotor is mounted vertically on a dual position rotating table which means that rotors can be loaded / unloaded within the machine winding cycle time. This therefore eliminates any downtime for this operation.

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Safety light guards are also supplied as standard to make loading / unloading easy for the operator.

Â The FAOR12 tooling is very robust and simple to fit into the winding area.

Â It is possible to flyer wind multiple copper wires through the high speed flyer head but a technical evaluation would have to be made before any proposals could be offered.

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