



Genco: perfect your process

Genco Rotatable System



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The Genco Rotatable System (GRS) family of rotatable magnetrons covers four styles of end-block, with two options of internal flange mount style, and options for horizontal cantilever and vertical mounted rotatables.



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The Genco GRS technology offers the ultimate in performance and flexibility by focusing on five key areas: a variety of end-blocks for different target weights; higher power delivery and cooling capacity; target diameters from 75 to 180 mm; a wide range of magnetic designs; Active Anodes for improved plasma control and film density.

GRS

GRS brings rotatable cathode technology in a very small space by incorporating innovative design elements based upon our patented in-vacuum rotation method. The GRS is designed as a convenient way to upgrade planar magnetrons without a loss of film uniformity.



GRS-C

The cantilever mounted version is an external end-block for insertion through the vacuum wall into the chamber. It combines high load bearing with a high power capacity and a high water flow. Changes to the angle of the magnetic array can be made using an external manual lever or optional stepper motor.



GRS-V

The GRS-V is a purpose-designed vertical source and enables motor or manual adjustment of the race track angular position for target pre-cleaning or uniformity control. The GRS-V is aimed at reducing the cost of ownership for display coaters with in-line or static glass, batch coaters for decorative and hard coating, and high power metallizing of plastic parts. The high current handling also makes it ideal to operate as an arc source.



GRS-M

Developed as a high capacity drop-in rotatable for target diameters of 152mm or greater, the GRS-M can be fitted with targets of up to 2m in length, in a vertical or horizontal orientation. The compact size of the GRS-M end-block is ideally suited for vertical display coaters or horizontal in-line coating systems.

