

LARGE SERVO DRIVEN ROTARY TABLE FOR POTTING OPERATION



When a mid-west manufacturer of filter assemblies for the transportation industry was faced with the challenge of automating a potting process, they turned to Centricity Corporation located in Girard, Oh.

The process required a large diameter rotary table capable of indexing 14.4° in 1.25 seconds and positioning potting molds to within $\pm .020''$ on a 90'' mounting radius. The table then had to provide for adequate travel distance to allow the potted filters to set.

Centricity Corporation provided two turnkey rotary tables with 180'' dial plates, steel fabricated machine bases, and sophisticated MS Series Servo Indexers, with simple to use Gen-2 control software loaded on a four color touch screen pendant.

The 180'' dial plates utilized Centricity's unique modular construction that shipped standard freight and allowed simple on-site assembly in a single shift.

Built to your exacting specifications, Centricity's large rotary tables are available in diameters exceeding 20' with load capacities in the tens of thousands of pounds.

Integrated multi-circuit slip rings, multi-passage rotary unions, under dial supports with positional float for pressing stations, shot-pinning, and z-axis positioning are among the many features available. Centricity can supply sealed/air purged, washdown, and hazardous location versions.

Centricity manufactures servo indexers, custom rotary tables, ID parts feeding systems, and powered and non-powered rotary carousels.



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