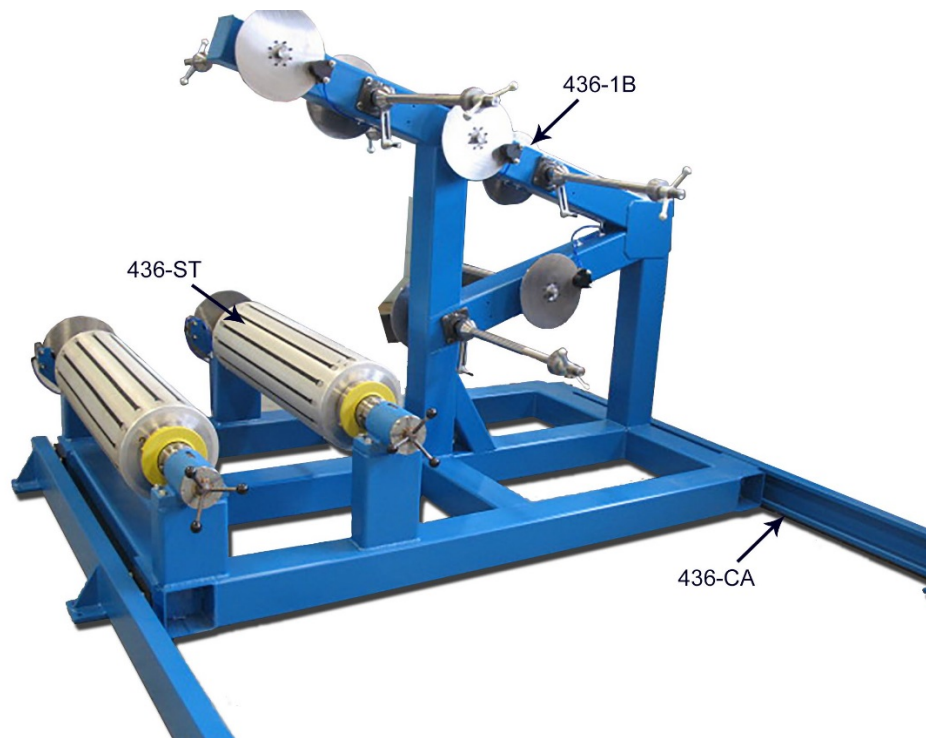




ROUND EXPANDABLE WINDING MANDRELS WITH A TENSION SYSTEM



Illustrates a Custom Designed system for winding & tensioning wire and foil:

Model 436-1B Pneumatic De-Reeling & Tension Stand for 6 Reels of Wire

Model 436-ST Pneumatic Multiple Bladder Round Mandrel with Safety Chucks, (2) 12" Dia. X 40" wide, for winding coils of foil with +/- 2.5" fine tracking adjustment for each of the (2) round mandrels.

Model 436-CA Carriage with linear rolling guide bearings travels +/- 11".

Illustrates (2) Round Mandrels mounted on Model 436-CA Carriage.

ACE offers many custom designed types and sizes of Mandrel configurations, De-Reeling & Tension Stands, Carriages and Tension Devices for various winding applications. Mandrels collapse for ease of coil removal.

All offered mandrels provide for quick removal of the mandrels from the stand.