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YOUR VISIBLE VALUE

**a**ALPHA  
MARATHON  
FILM EXTRUSION TECHNOLOGIES INC.  
POLYSYSTEM<sup>®</sup>

## WINDERS







Alpha Marathon provides high speed, state-of-the-art winders featuring the latest in PLC, digital drive systems and electronics. Alpha designs and manufactures custom Surface and Turret winders to suit individual requirements. Alpha Marathon has learned through numerous die developments in gauge precision, that the downstream application is as important as the film production itself.

The manufacturing precision gained through die manufacturing is applied to the winder making process. Side plates are blanchard ground and line bored in mated pairs to ensure perfect alignment. Rollers are manufactured from seamless steel tubing and are dynamically balanced before and after mounting. Idler rollers are dynamically balanced and mounted on low friction, precision bearings.

**Surface Winders** are designed for the production of quality wrinkle-free film rolls of up to 24' web width and 60" roll diameter. Heavy duty Automatic Surface winders use an integrated secondary nip, tension control and bow rolls. For added versatility of winding sheet, Alpha offers their stack and back to back winders.



**Features and Options:**

- ❖ Heavy-duty construction to ensure long term production service
- ❖ Integrated secondary nip
- ❖ Tapered tension control for quality film rolls
- ❖ Center assist
- ❖ Automatic transfer of cores
- ❖ Gap winding
- ❖ Constant or tapered contact pressure



**Turret Winders** offer quality wrinkle-free film rolls of up to 124" web width and 40" roll diameter. Turret winders feature a power indexing mechanism by an integrally mounted gear head motor for quick advancement to the next air shaft to be wound. Self-centering chucks, with pneumatic open/close and safety lock, permit shafts to run concentric at high speed.

Cantilevered air shafts facilitates easy removal of the rolls and re-coring.



**Features and Options:**

- ❖ Heavy-duty construction and components to ensure long term Production service
- ❖ Integral secondary nip
- ❖ Tension control for quality film rolls
- ❖ Lay on roll assembly
- ❖ Automatic indexing
- ❖ Large diameter rolls
- ❖ Cantilevered
- ❖ Edge trim and in-line slitting
- ❖ Programmable controls on winders