

# Center Turret Winders



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Brampton Engineering turret winders are designed to meet the demand for larger rolls and ease of handling. These winders ensure excellent web handling for wrinkle-free film products.

- roller face widths up to 124" (3150mm)
- wound roll diameter from 24" (600mm) to 47" (1175mm)
- pneumatic core shafts to suit 3" (75mm) or 6" (150mm) cores
- line speeds up to 900 FPM (275m/min)
- 16:1 tension control range
- available as single or stacked units
- two lay-on options: simple pivot arm or linear with contact or gap winding.

## Standard Features

- field-oriented control AC drives provide precise winding speed even during changeovers
- winding drives follow load cell reference signal to maintain tension levels throughout the roll
- PLC monitors all functions providing trouble-free operation
- reversible drive allows selection of winding direction
- bowed spreader roll mounted in the lay-on assembly
- automatic roll cut and changeover (one winding direction only)
- tapered tension control to improve roll geometry on light weight, extensible and/or tacky film structures
- pneumatically powered fly knife mounted in the lay-on to insure positive start of new roll
- touch screen, icon menu driven operator interface
- pneumatic positive locking safety core chucks
- full panel side covers
- full emergency stop system
- contact or gap winding is standard with linear lay-on
- presence sensing curtain
- web length counter
- modem for remote access.

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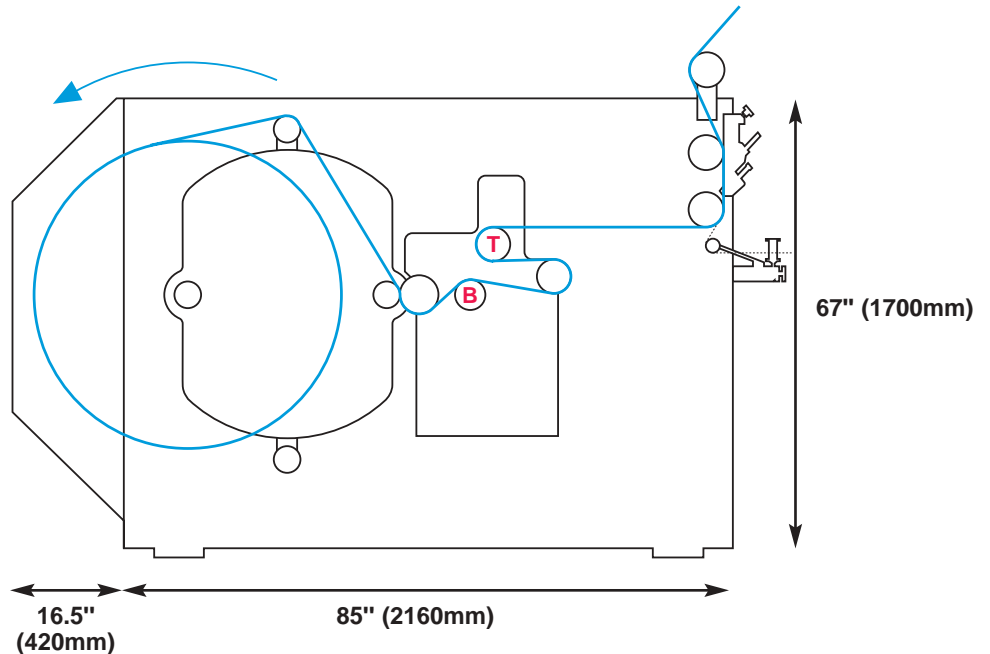
**Quality:** Brampton Engineering Inc. worldwide headquarters continues to meet the ISO 9001 standard which covers design, manufacture, assembly, installation and service of our products.

## Optional Features

- driven bowed roll for lightweight film structures
- gap operation mode allows the film structure to be wound without lay-on pressure resulting in softer rolls with less tendency to block
- bi-directional cut over for automatic roll changes in both directions
- linear lay-on assembly for optimum lay-on pressure control
- adjustable-depth dual slitting knives for longer blade life
- grooved back-up slitting roll for accurate edges
- pneumatic slit/trim engagement and release, operated from the winder control panel
- oscillating slit knife assembly to eliminate roll edge build-up
- tapeless transfer (on some models)
- fully integrated single and multiple infeed nip combinations to permit films to relax prior to winding which results in low internal reel tension levels
- web separation nips on stacked model
- dancer tension control
- static elimination on roll
- pivoting or removable shaft
- alloy steel, aluminum or carbon-fiber composite air shafts
- guide roller trim removal system.

## Threading schematic of 40" (1000mm) roll Ø single turret winder

Overall width = roll face + 78" (2000mm)



Other models available include winders for construction and agricultural applications and cantilevered designs for narrow web applications.

Note: Specifications are subject to change without notice.  
Some items shown may be optional.