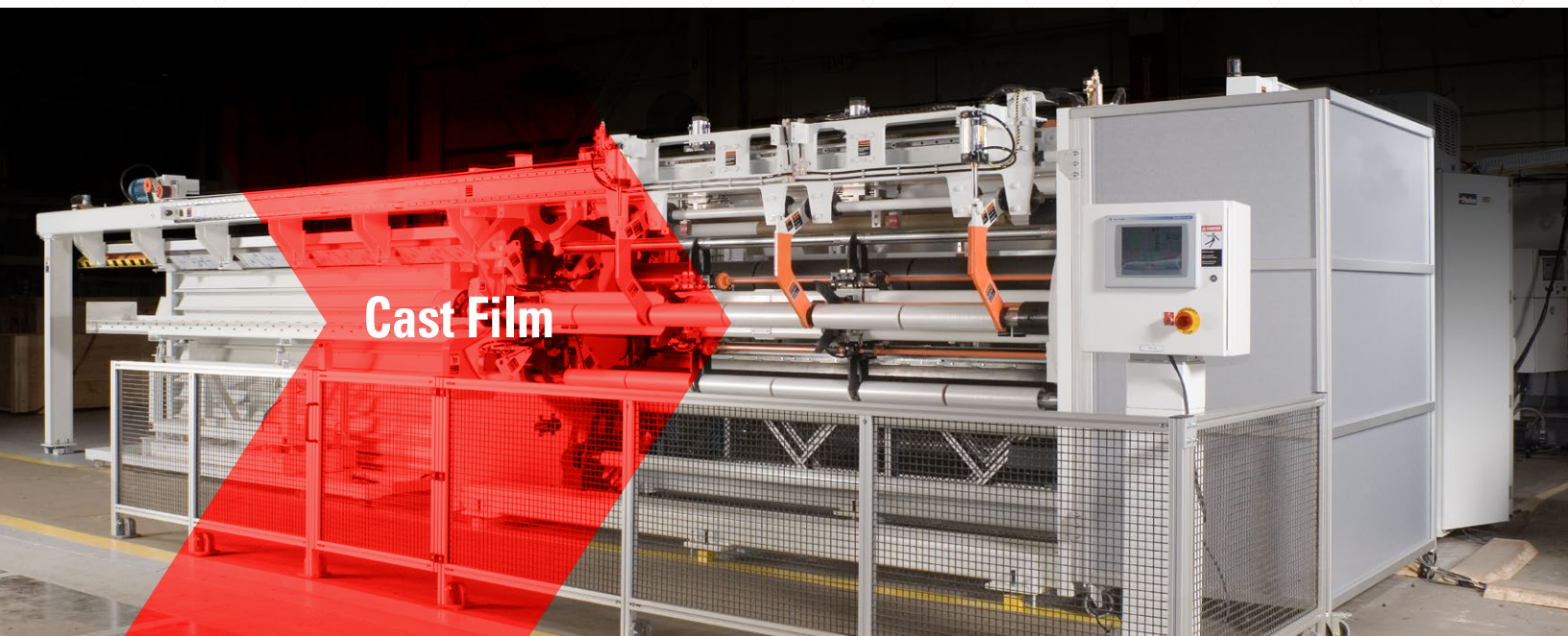




# DAVIS-STANDARD®

Where your ideas take shape.



Cast Film

## BLACK MAGIC S4 WINDER (BMW S4) For High-Speed Stretch Wrap Production

### OVERVIEW

The BMW S4 is engineered to improve efficiencies for hand wrap and stretch film production with features such as an integrated automatic core and roll handling system, and capabilities for producing six-up rolls on a 25-second cycle time, roll change to roll change. Based on a 30 second cycle time, this winder has the ability to produce up to 2,880 roll sets or 17,280 rolls per day. In addition, the BMW S4 can reduce the cost of offline equipment and labor with configurations that eliminate bleed trim and automation that can be customized to meet production requirements.

This winder is the latest innovation within the Black Magic product line. It is designed as a four spindle center/surface winder ("S4") with center core shaft supports for three-meter (120-inch) net width films. An optional bleedless feature using six individual web steering assemblies, one per lane, enable inline slitting with core extensions without the need to pull bleed trims. The winder is complete with a tape-less automatic roll

transfer system. PLC Controls and an AC vector digital drive system are integrated into the winder for easy efficient installation.

For more information about the new BMW S4, contact Davis-Standard, LLC at [www.davis-standard.com](http://www.davis-standard.com).

### FEATURES

- Heavy plate frame unitized construction.
- Slitting section with driven in-feed and out feed web support rollers.
- Automatic retractable razor slitters.
- Load cells for tension read-out.
- Programmable loading lay on roll.
- Tape-less automatic roll transfer system.
- Four spindle center/surface winder "S4".
- Three meter net width film.
- Integrated AC Vector Digital Drive System, PLC controls.
- Integrated automatic roll and core handling system.
- Thin and Conventional Wall Cores.

# BLACK MAGIC S4 WINDER (BMW S4) For High-Speed Stretch Wrap Production

## DESIGN SPECIFICATIONS

- Maximum roll diameter: 305 mm (12")
- Machine and Hand Wrap
- Core Thickness: 3.5-12 mm (0.14"-0.5")
- Web width: 3000 mm (120")
- Slit width: 450 & 500 mm (18 & 20")
- Core lengths: 470 & 520 mm (18.75 & 20.75")
- Core shaft diameter: 75.44 mm (2.97")
- Cycle time: 20 seconds, roll change to roll change (25 seconds with satellite roll option)
- Maximum gear in speed: 730 rpm (2400 fpm)

## OPTIONS

- Bleed-Trim-Less: individual web steering assemblies for inline slitting with start-up winder for ease of threading
- 50 mm core shafts available
- Transfer Layon Roll
- Other slit multiples available: Consult Davis-Standard
- Available in 2 and 4 meter widths

