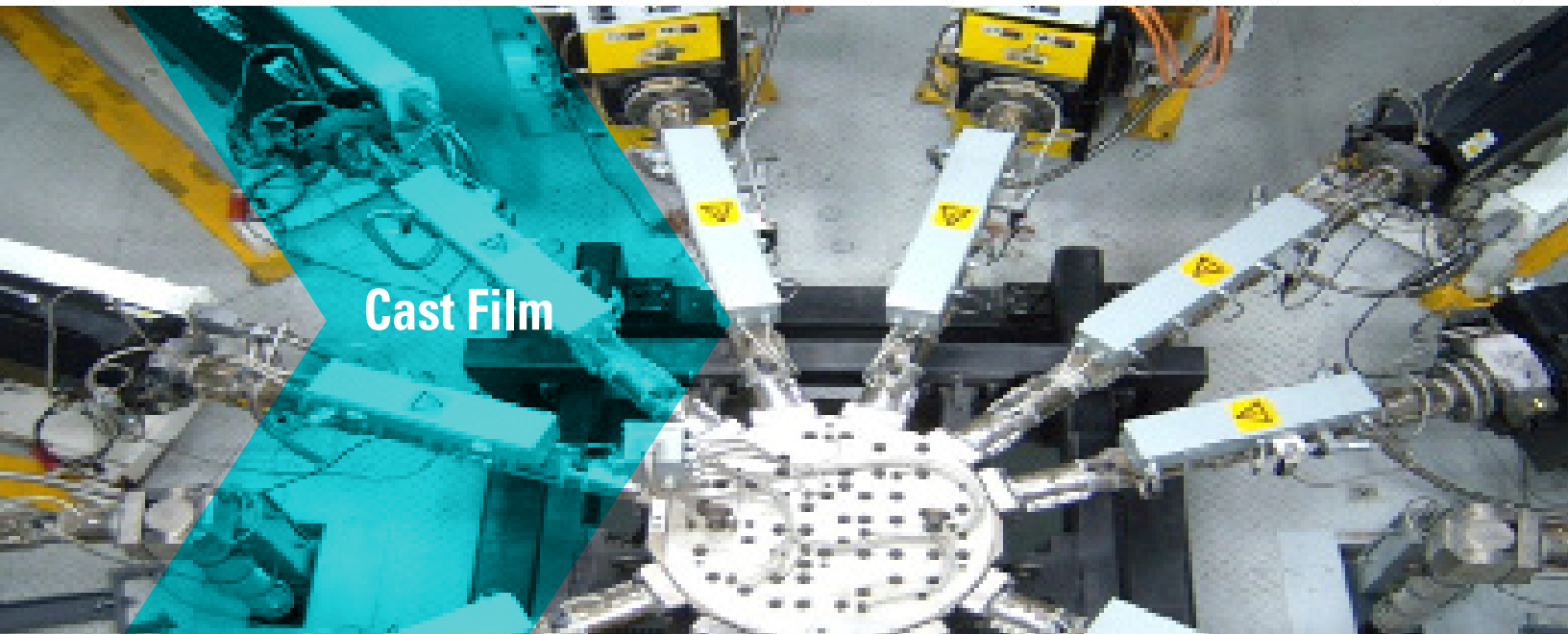




# DAVIS STANDARD®

Where your ideas take shape.



Cast Film

## Cast Barrier Film Line

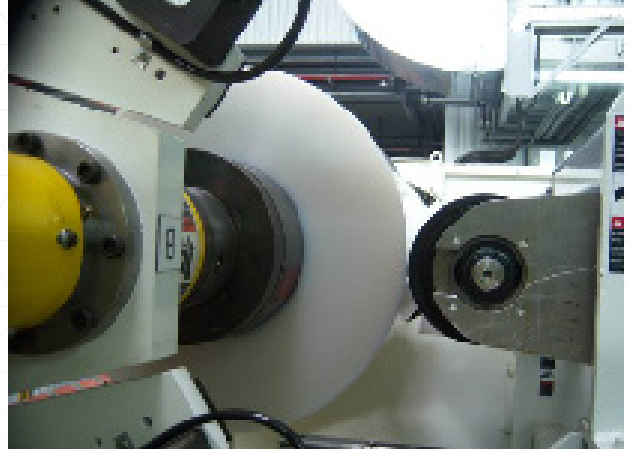
### Typical Line Capabilities

- 7, 9, 11 or more layers/extruders as desired
- Extruders mounted on platform above casting unit
- Angled Cloeren die
- Process capabilities for PA, PE, mPE, PP, PET, EVOH and Tie
- Space for web inspection system
- Center winding with load cell control, gap and light nip lay-on control
- Extruder sizes selected to meet process requirements for desired output and resins
- Tailored designs available to meet customers exacting needs

### Design Criteria

- Finished web width – 2000 – 3600mm (79 – 142 inches) using deckles
- Nominal machine roll face – 2950mm (116.1 inches)
- Machine line speed – up to 250 m/min (820 ft/min)
- Web thickness 75 – 300 micron
- Max roll diameter – 1200mm (48 inches)
- Web tension range 8 – 80 kg (18 – 180 lb.)

# Cast Barrier Film Line



## EQUIPMENT LIST

- Resin blending and loading system
- Extruders
- Extruder mounting platform with die support/splitting built in
- Cloeren feed block and automatic die
- Casting station with annealing roll
- IR gauge with gauge mounting stand
- Randomizer
- Edge trim station
- Winder /roll changer
- Water recirculation system
- Digital drive system
- Screen changer for each extruder
- Feed pipe for each extruder
- Smoke exhaust hood
- Dual chamber vacuum box
- Edge pinning
- Orbital 3 roll plate-out roll assembly
- Robotic air knife
- Main line console with Integrator PRO supervisory control system
- Programmable Logic Controller (PLC)
- Davis-Standard Secure Service Support System (DS5)
- Installation supervision and commissioning

