

YOUR VISIBLE VALUE

**ALPHA  
MARATHON**  
FILM EXTRUSION TECHNOLOGIES INC.



# TOP NIP AND COLLAPSING FRAMES ASSEMBLY



**A**lpha Marathon Top Nip Assemblies are manufactured utilizing heavy duty side plates and tie bar frame construction which is needed in providing stability across the face of the rolls. Pneumatically activated rubber nip roll are crowned to guarantee even pinch point across the face width and the pneumatic roll can be retracted 4-5" to allow for easy threading of the film. Alpha rolls are heavy wall constructed and dynamically balanced to eliminate vibration which may cause excessive wrinkling in the film.

## FEATURES

### Side Plates:

- ❖ Thick ground HRS plate frame
- ❖ Line bored in mated pairs

### Rollers:

- ❖ Rubber roll with "pinch point" feature to avoid web wandering
- ❖ Chromed roll manufactured from seamless steel tubing, precision machined and dynamically balanced
- ❖ Aluminum idler rolls precision machined and dynamically balanced
- ❖ Rollers all mounted on low friction precision bearings



### Nip Actuator:

- ❖ Pneumatically actuated open/close for nip rolls incorporating air cylinder, solenoid valve, pressure regulator and nylon tubing lines
- ❖ Collapsing frame pneumatically actuated with nip providing for wider clearance at apex for threading



### Collapsing Frame:

- ❖ Available in pearl slats, FDA low friction segmented rollers, Maple slats, brush rollers, aluminum air slats dependant on film application
- ❖ Mounted on steel angle frame with central adjustment for both sides

### Control Panel:

- ❖ Mounted integrally on main control panel
- ❖ Secondary remote panel mounted on side frame of HFO if supplied