Rewind Tensioning Application Information

Submit Via Email: engineering@machiii.com, Fax: 859-655-8362
or Click Here to Submit Online

Please provide as much information as known and, if possible, submit a sketch of the drive system.
For Engineering Assistance: US Toll Free 866-291-0849, Outside USA +1 859-291-0849

Name: _____ Date: _____

Title: _____ Phone: _____

Company: _____ Email: _____

1. Unit is needed For: ☐ New Machinery ☐ Retrofit - to replace (Mfg., Model): _____

   If Retrofit, why is current model being replaced? _____

2. Clutch Mounting:

   ☐ End of Shaft or Through Shaft . . Shaft Size _____ (in / mm) Keyway: Standard or Other: _____ (in / mm)

   ☐ Coupling Two Shafts . . . . . Select One: ☐ Rigid (zero angular or parallel misalignment)

   ☐ Flexible Coupling (Maximum 3° angular, 0.040" parallel offset)

   Drive Shaft Size _____ (in / mm) Keyway: Standard or Other: _____ (in / mm)

   Driven Shaft Size _____ (in / mm) Keyway: Standard or Other: _____ (in / mm)

3. Orientation of the shaft on which the clutch will be mounted: ☐ Horizontal ☐ Vertical

4. Pulley or Sprocket Requirements: ☐ None ☐ Pulley: Type _____

   ☐ Sprocket . . . . Circle One: Single / Double; Chain Size _____ # of Teeth _____

   ☐ V Belt Sheave: # of Grooves _____ Belt Type _____

5. Which will the clutch drive when engaged (output)? ☐ Sprocket or Pulley ☐ Shaft

6. Operating Air Pressure Restrictions (if any): Minimum _____ PSI Maximum _____ PSI

7. Space Restrictions: Maximum Length _____ (in / mm) Maximum OD _____ (in / mm)

Process Specifications: If running more than one material, we suggest filling out the following section for each.

1. Web Material _____
2. Web Material Thickness_____ mil
3. Web Width: Max_____ Min _____ (in / mm)
4. Linear Speed: Max_____ Min _____ (feet per minute / meters per second)
5. Roll Diameter: Core_____ Full Roll _____ (in / mm)
6. Required Tension - Pounds per Lineal Inch: Max_____ Min_____ pli
   --- or ---
   Required Tension - Total: Max_____ Min_____ lbs.
7. Full Roll Weight:_____ (lb / kg)
8. Clutch Input RPM: _____ Is the clutch RPM ☐ Constant or ☐ Decreasing?
9. Machine Acceleration Time: _____ Seconds
10. Tension Control: ☐ Manual ☐ Automatic: Type_____
11. Taper Tensioning (if used):_____ %
12. Downtime between Processing (for roll change, set-up, etc.): _____ Minutes