

**“BELT WIZARD” DATA SHEET**

**Customer** \_\_\_\_\_  
**Plant/Mine** \_\_\_\_\_  
**Location** \_\_\_\_\_  
**Distributor** \_\_\_\_\_

\* Sketch Conveyor Profile Above  
(Note: Provide as a separate attachment, if necessary!)

**Conveyor #** \_\_\_\_\_  
 Covered, “Open,” or Underground? \_\_\_\_\_  
 Tripper... Yes or No? \_\_\_\_\_  
 Min Ambient Temp (°F) \_\_\_\_\_

**Width (in)** \_\_\_\_\_

**Length (ft)** ... one of three required:  
 Total Belt Length \_\_\_\_\_  
 Horizontal C/C \_\_\_\_\_ Conv C/C \_\_\_\_\_

**Elevation** ... one of three required:  
 Lift (ft) \_\_\_\_\_ Drop (ft) \_\_\_\_\_  
 Slope (degrees) \_\_\_\_\_

**Speed (fpm)** \_\_\_\_\_

**Capacity:**  
 Tons/Hr (max) \_\_\_\_\_ Hrs/Day \_\_\_\_\_  
 Days/Yr \_\_\_\_\_ Tons/Yr \_\_\_\_\_

**Material/Loading Info:**  
 Type \_\_\_\_\_ Weight (pcf) \_\_\_\_\_  
 Max Size (in) \_\_\_\_\_ Drop to Belt (ft) \_\_\_\_\_  
 Temp (°F) \_\_\_\_\_ Oil ... Yes or No? \_\_\_\_\_  
 Load Angle ... “In-line,” 90°, or “other?” \_\_\_\_\_  
 Skirting Length (ft) \_\_\_\_\_

**Idlers:**  
 Type/Style \_\_\_\_\_ Roll Diam (in) \_\_\_\_\_  
 Degree Trough \_\_\_\_\_ Degree Return \_\_\_\_\_  
 Spacing (ft) ... Troughers \_\_\_\_\_ Returns \_\_\_\_\_

**Drive Details:**  
 Type ... Single, Dual, or Tandem? \_\_\_\_\_  
 Horsepower \_\_\_\_\_ Wrap Angle (deg) \_\_\_\_\_  
 Location from Head (ft) \_\_\_\_\_  
 Lagging ... Yes or No? \_\_\_\_\_ Type \_\_\_\_\_  
 Accel Time (sec) \_\_\_\_\_

**Brakes** ... Yes or No? \_\_\_\_\_  
 Location \_\_\_\_\_ Brake Force (ft-lbs) \_\_\_\_\_

**Pulley Diameters (in):**  
 Head \_\_\_\_\_ Tail \_\_\_\_\_ Drive \_\_\_\_\_ Snub \_\_\_\_\_  
 Takeup \_\_\_\_\_ TU Bends \_\_\_\_\_ “Other” \_\_\_\_\_

**Takeup:**  
 Type... Automatic, or Manual \_\_\_\_\_  
 Movement (ft) \_\_\_\_\_ Cwt (lbs) \_\_\_\_\_  
 Location from Head (ft) \_\_\_\_\_

**Transition Distances (ft):**  
 @Head \_\_\_\_\_ @Tail \_\_\_\_\_ @Tripper \_\_\_\_\_

**Turnovers:**  
 Yes or No? \_\_\_\_\_ Length, each (ft) \_\_\_\_\_

**Splice Type** ... Vulc or Mech? \_\_\_\_\_

**Belt History:**  
 Spec \_\_\_\_\_  
 Service Life \_\_\_\_\_  
 Problems / Failure? \_\_\_\_\_

**Comments / Concerns / Suggestions** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Submitted by** \_\_\_\_\_ **Date** \_\_\_\_\_ 6/4/04