

## DATA SHEET: BELT CONVEYOR SCALE

Please fill out this form as completely and accurately as possible. A drawing or sketch of your conveyor is required showing elevation and cross-section in order to assure proper sizing, installation and optimum accuracy.

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

PROJECT: ref. \_\_\_\_\_

NAME \_\_\_\_\_

PHONE \_\_\_\_\_

A) MATERIAL: \_\_\_\_\_  
 Density \_\_\_\_\_ Temp. \_\_\_\_\_  
 Ambient Temp: Max. \_\_\_\_\_ Min. \_\_\_\_\_  
 Size: Max. \_\_\_\_\_ Min. \_\_\_\_\_  
 Moisture Content \_\_\_\_\_  
 Characteristics: Free-flowing ( ) Dusty ( )  
 Sticky ( ) Explosive ( ) Corrosive ( )  
 Other \_\_\_\_\_

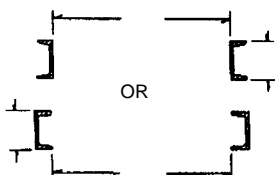
B) CAPACITY: Maximum \_\_\_\_\_  
 Normal: \_\_\_\_\_  
 Minimum: \_\_\_\_\_

C) BELT SPEED: RPM \_\_\_\_\_

D) CONVEYOR BELT: Width \_\_\_\_\_  
 Thickness \_\_\_\_\_ Top Cover \_\_\_\_\_  
 Bottom Cover \_\_\_\_\_ Plies \_\_\_\_\_  
 Fabric ply ( ) Steel ply ( ) Wt./Ft. \_\_\_\_\_

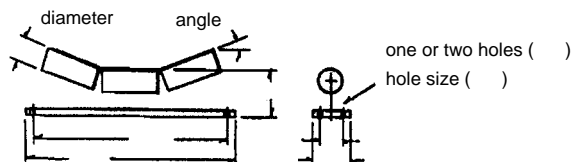
E) CONVEYOR: (please submit drawing)  
 Total Length (pulley centers) \_\_\_\_\_  
 Take-up: Gravity: Horiz. ( ) Vert. ( )  
 Screw ( ) Other \_\_\_\_\_  
 Configuration: Horiz. ( ) Incline ( ) Decline ( )  
 Curve: Concave ( ) Convex ( )  
 Other \_\_\_\_\_

**CONVEYOR STRINGERS: (specify construction and dimensions)**



F) IDLERS: Mfg. \_\_\_\_\_  
 Model \_\_\_\_\_ Idler Spacing \_\_\_\_\_

**IDLERS: dimensions (specify)**



G) CONVEYOR FEEDING MEANS:  
 From Hopper ( ) Chute ( ) Feeder ( )  
 Type of Feeder \_\_\_\_\_  
 Continuous ( ) Intermittent ( ) Uniform Feed ( )  
 If not, what is variance \_\_\_\_\_  
 Number of Feed Points \_\_\_\_\_

H) LOCATION OF BELT SCALE:  
 Indoors ( ) Outdoors ( ) Tunnel ( )  
 NOTE: Accuracy is directly related to the scale location. SCHENCK Weighing Systems will recommend the best location to suit the application.

I) BELT SCALE APPLICATION:  
 Inventory ( ) Load-out ( ) Control ( ) If other, please describe on the other side.

J) ACCURACY REQUIRED: \_\_\_\_\_  
 Certified ( ) or Non-Certified ( )

K) TOTALIZER READOUT:  
 Short Tons ( ) Long Tons ( ) Metric Tons ( )  
 Kilograms ( ) Pounds ( ) Other \_\_\_\_\_

L) POWER SUPPLY: \_\_\_\_\_  
 110v 50/60 H Standard

M) NEMA ENCLOSURES:  
 At Scale Site: NEMA \_\_\_\_\_ Class \_\_\_\_\_ Div. \_\_\_\_\_ Gr. \_\_\_\_\_  
 If Controls Located Remotely: NEMA \_\_\_\_\_ Class \_\_\_\_\_ Div. \_\_\_\_\_ Gr. \_\_\_\_\_

N) INSTRUMENTATION:  
 ( ) Totalizer: Local ( ) Remote ( )  
           Non-reset ( ) Man. reset ( ) Elect. reset ( )  
 ( ) Rate Indicator: Local ( ) Remote ( )  
 ( ) Recorder: Circular ( ) Strip ( )  
 ( ) Printer: Ticket ( ) Tape ( )  
 ( ) Predetermining Counter:  
           Man. reset ( ) Auto. reset ( ) Elect. reset ( )  
 ( ) Controller: Please describe or illustrate your control system and application on other side. For Scale interlock to existing instruments, specify type and inputs required.