

## Belt Scale and Weighfeeder Retrofit Application Questionnaire

### Customer Information

Contact: \_\_\_\_\_ Prepared By: \_\_\_\_\_  
 Company: \_\_\_\_\_ Date: \_\_\_\_\_  
 Address: \_\_\_\_\_ Notes on the Application: \_\_\_\_\_  
 City: \_\_\_\_\_ Country: \_\_\_\_\_  
 Zip/Postal Code: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_  
 Weighfeeder retrofit       Belt scale retrofit      E-mail: \_\_\_\_\_

Please describe brand and model of current weighfeeder, integrator, belt scale (weighing element), and speed sensor:

### Material

Material being measured: \_\_\_\_\_ Particle size: \_\_\_\_\_ mm / inch / mesh

Corrosive state of material:  High     Moderate     Not corrosive

**Conveyor or Weighfeeder** (Supply sketch where possible) Sketch attached

Application:  Inventory     Load out     Control     Blending     Legal for trade

Feed rate: \_\_\_\_\_ minimum t/hr or kg/hr or lb/hr or LTPH or STPH      Accuracy required: +/- \_\_\_\_\_ %  
 \_\_\_\_\_ maximum t/hr or kg/hr or lb/hr or LTPH or STPH

Constant feed rate  Yes     No      Access side (looking in direction of belt travel):  Left     Right     Both

Electrical classification at scale location: \_\_\_\_\_

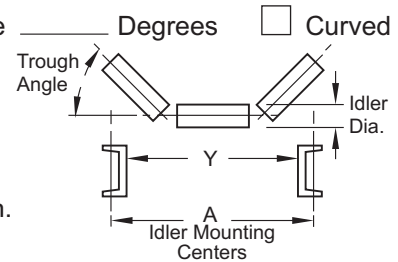
Profile:  Horizontal     Incline / Decline \_\_\_\_\_ Degrees     Variable Incline \_\_\_\_\_ Degrees     Curved

Belt speed: \_\_\_\_\_ minimum m/sec. or ft/min.  
 \_\_\_\_\_ maximum m/sec. or ft/min.

Belt length: \_\_\_\_\_ m / ft.      Belt width: \_\_\_\_\_ mm / in.

Idler diameter: \_\_\_\_\_ mm / in.      Tail pulley dia.: \_\_\_\_\_ mm / in.

Trough angle: \_\_\_\_\_ Degrees      Idler spacing: \_\_\_\_\_ mm / in.      A \_\_\_\_\_ mm / in.  
 Y \_\_\_\_\_ mm / in.



### Integrator Requirements (indicate all that apply)

Power available: \_\_\_\_\_

#### Inputs required:

- 4 to 20 mA (specify) \_\_\_\_\_
- PID
- LVDT
- Load Cells (#): \_\_\_\_\_

#### Outputs required:

- 4 to 20 mA
- PID
- Remote totalizer
- Relays (#): \_\_\_\_\_

#### Communications:

- AB Remote I/O
- DeviceNet
- PROFIBUS DP
- RS-232 / RS-485 Modbus

Products suggested: \_\_\_\_\_

Preferred Belt Scale Model:  MBS     MUS     MCS     MSI     MMI     MLC     WD600

Preferred Construction:  Painted mild steel     304 SS     316 SS     Other (specify) \_\_\_\_\_