

## Belt Scale Application Questionnaire

### Customer information

Contact: \_\_\_\_\_ Prepared By: \_\_\_\_\_

Company: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_ Notes on the Application: \_\_\_\_\_

City: \_\_\_\_\_ Country: \_\_\_\_\_

State/Province: \_\_\_\_\_ Zip/Postal Code: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_ E-mail: \_\_\_\_\_

### Material

**Material being measured:** \_\_\_\_\_ **Particle size:** \_\_\_\_\_ mm/Inch/mesh

**Corrosive state of material:**  High  Moderate  Not corrosive

### Conveyor

(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

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

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

**Belt speed:** \_\_\_\_\_ minimum m/sec. or ft/min. **Pulley to pulley length:** \_\_\_\_\_ m/ft.

\_\_\_\_\_ maximum m/sec. or ft/min. **Belt width:** \_\_\_\_\_ mm/inch

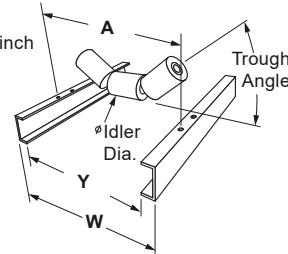
**Idler spacing:** \_\_\_\_\_ mm/inch **Distance to infeed:** \_\_\_\_\_ m/ft.

**Tail pulley diameter:** \_\_\_\_\_ mm/inch **Distance to discharge:** \_\_\_\_\_ m/ft.

**Idler diameter:** \_\_\_\_\_ mm/inch **A =** \_\_\_\_\_ mm/inch

**Trough angle:** \_\_\_\_\_ Degrees **Y =** \_\_\_\_\_ mm/inch

**W =** \_\_\_\_\_ mm/inch



### Integrator Requirements

(indicate all that apply) **Power available:** \_\_\_\_\_

<b>Inputs required:</b>	<b>Outputs required:</b>	<b>Communications:</b>
<input type="checkbox"/> 4 ... 20 mA (specify) _____	<input type="checkbox"/> 4 ... 20 mA _____	<input type="checkbox"/> SIMATIC <input type="checkbox"/> EtherNet/IP
<input type="checkbox"/> PID	<input type="checkbox"/> PID	<input type="checkbox"/> DeviceNet <input type="checkbox"/> Modbus TCP/IP
Load Cells (#): _____	<input type="checkbox"/> Remote totalizer	<input type="checkbox"/> PROFIBUS DP <input type="checkbox"/> ProfiNet
	<input type="checkbox"/> Relays (#): _____	<input type="checkbox"/> RS 232/RS 485 Modbus

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

**Quantity required:** \_\_\_\_\_

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

**Preferred Construction:**  Painted mild steel  304 SS  \_\_\_\_\_