AAG Engineering Technologies

sales@aagengg.com

AAG One Source Solution

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.

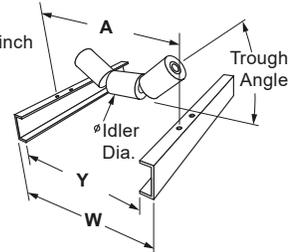_____ maximum m/sec. or ft/min.   **Belt width:** _____ mm/inch

Distance to infeed: _____ m/ft.

Idler spacing: _____ mm/inch   **Distance to discharge:** _____ m/ft.

Tail pulley diameter: _____ mm/inch

Idler diameter: _____ mm/inch   **A =** _____ mm/inch

Y = _____ mm/inch

Trough angle: _____ Degrees   **W =** _____ mm/inch

A · Trough Angle · ∅ Idler Dia. · Y · W

Integrator Requirements

(indicate all that apply)   **Power available:** _____

Inputs required:

☐ 4 ... 20 mA (specify) _____

☐ PID

Load Cells (#): _____

Outputs required:

☐ 4 ... 20 mA _____

☐ PID

☐ Remote totalizer

☐ Relays (#): _____

Communications:

☐ SIMATIC   ☐ EtherNet/IP

☐ DeviceNet   ☐ Modbus TCP/IP

☐ PROFIBUS DP   ☐ ProfiNet

☐ 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   ☐   ☐