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.

Integrator Requirements
(indicate all that apply)
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) ___________