

Ez-Flo Continuous Weigh Scales






PLANT EQUIPMENT SALES SERVICE
CLARENCE RICHARD COMPANY

3908 Tonkawood Road, Minnetonka, MN 55345
800-372-7731 952-939-6000 FAX 952-939-1026
email clarence@clarencerichard.com web www.clarencerichard.com


Application Data Sheet 05-11-16

Continuous Weigh

Batching and Blending
Truck, Car, Barge Loading

Mass Flow Fiber-Powder Pellets-Grain Hot or Cold	Feeder & Conveyor Discharge Scale	Conveyor Discharge Scale	Low Profile Scale	Extra Low Profile (4")	Weigh Loss Scale- Controller With or Without Bins or Load Cells
					

EZ-Flo Scales



www.ez-flo.us 952-939-6000 Minneapolis, MN clarence@clarencerichard.com

Contact Information

Date:	
Contact/User Name	
Company Name	
Company Address	
Company City, State, Zip	
Contact Phone	
Contact Secondary Phone	
Sales Representative	

End User Signature: _____ Date _____
and/or
Representative-Dealer Signature: _____ Date _____

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Application Information

Application: <i>(Describe the application in which the scale will be used.)</i>	
Scale Objectives: <i>(Inventory Control, Batching Control, Blending Control)</i>	
Flow Rate Range Requirments: <i>(i.e 3.5 to 10 tons per hour or 50 to 130 pounds per minute)</i>	
Measurement Accuracy Required: <i>(within xx% of reading)</i>	
Data Requirements: <i>(Material Totalizer, Material Flow Rate, Tons or Pounds per minute)</i>	
Data Display Location: <i>(Where does data need to be seen or modified.)</i>	
Scale Location: <i>(Will be scale be physically located in one location or will be moved around based on job needs.)</i>	
Describe any Environmental Conditions <i>(caustic, explosive, high temperature, temperature variations)</i>	
1) Hours of Operation/Day 2) Days of Operation/Week 3) Weeks of Operation/Year	

Material Information

Materials Being Measured: <i>(fly ash, hydrated lime, grain)</i>	
Material Density: (lbs/cubic foot)	
Material /Environment Temperature Ranges:	
Material Moisture % Range	

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Material Flow Information

Describe Conveying Equipment and Transitions gravity feeding the Flow Scale	
Describe Conveying Equipment and Transitions evacuating the Flow Scale	
Describe any machinery and processes creating vibrations transmitted to the Flow Scale.	
Describe any air Flows through Scale or Air Pressures above or below atmospheric. Empty Vanes of an Air Lock can introduce pressure into the flow scale chamber	
Describe Flow Rate Consistency (<i>i.e. Flow rate remains consistent. Flow rate changes significantly when feed mills are brought on line or taken off line or material feeding scale bridges regularly causing erratic flows.</i>)	
Describe Environmental Conditions For the Scale and the Electronic Integrator (<i>indoors, out doors, hot, cold, windy, rain, humidity, hose down area, dusty, dirty</i>)	
Describe any Material Flow Ability and Problem Considerations (<i>sticky, chunky, high moisture content, bridging, choking</i>)	
Describe any Maintenance Considerations (<i>to be washed down, Flow Scale Adjustment Access ability</i>)	

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Misc. Considerations

<p>Any other Special Considerations (<i>Food Grade, Load cell accessibility adjustment problems, Inner scale cavity accessibility adjustment problems - Inspection door rearrangement</i>)</p>	
<p>Delivery Needs (<i>'Need By' date</i>)</p>	
<p>Material Calibration Considerations (<i>how do you plan on capturing a measured weight run through the flow scale so as to compare to captured material weighed on separate scale</i>). <i>Option: Calibration Slide Gate, Calibration Divert Stand.</i>)</p>	
<p>Installation Considerations (<i>Excessive vibration or rocking,. flow scale height, size weight restriction, Scale Discharge Square to Round Transition option, Scale Discharge Divert Chute option , excessive air flow through the scale – airlock option requirement</i>)</p>	
<p>Electrical Considerations *<i>Scale integrator – analog output – 4-20 ma</i> *<i>Automatic Blending Control</i></p>	
<p>Mechanical Considerations *<i>Discharge Tapered Transition – Square to Round.</i> *<i>Calibration Jam Gate – 16” Square to 10” or 12” (to be mounted under customers discharge auger)</i> *<i>Scale Discharge Divert Chute (typically scale is mounted on top so product discharges straight through or is diverted to a container used for calibration)</i> *<i>Turnkey Service Requirements</i></p>	

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<i>*Custom Engineering</i>	
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**When possible, send pictures to clarence@clarencerichard.com.
Please sketch a drawing of process equipment lay out on back.**

EZ-Flo stocks several different sizes of scales and models.

Custom Sizes available on request.

Specs to subject to change without notice.

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and/or

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