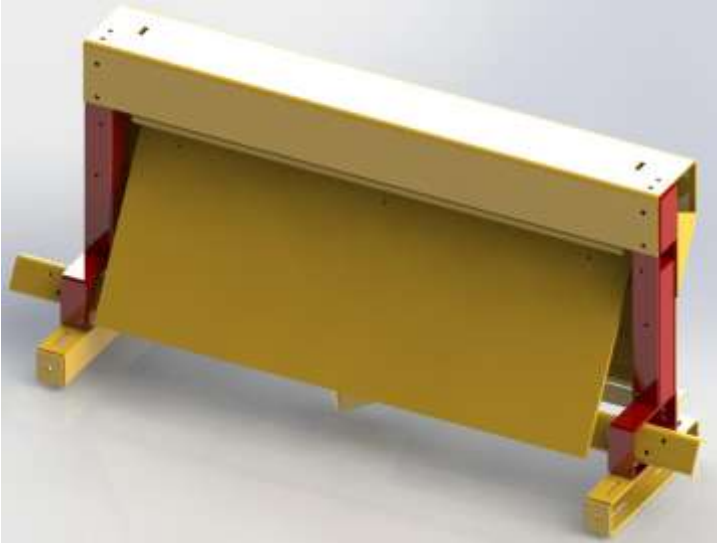


Ez-Flo Continuous Weigh Scales

Application Data Sheet



Contact Information

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

Application Information

Application: <i>(Describe the application in which the scale will be used...)</i>	
Scale Objectives: <i>Inventory, Batching, Blending. Control System Brand-Model</i>	
Flow Rate Range Requirments: <i>(i.e 3.5 to 10 tons per hour or 50 to 130 pounds per minute) Are you planning on Running RAS and RAP from same bin but at different times. If so, what will the ranges be for each.</i>	

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

Measurement Accuracy Required: <i>(within xx% of reading)</i>	
Data Requirements: <i>(Material Totalizer, Material Flow Rate, Tons Per Hour or Pounds per Minute or Pounds per Hour)</i>	
Data Display Location: <i>(Where does data need to be seen or modified.) Note; Rate Indicator-Totalizer Reading require Buttons on Indicator to be pushed in or to zero the Rate and Total.. Push buttons can be placed remotely.. specify if that may be necessary.</i>	
Scale Location: <i>(Will scale be physically located in one location or will it be moved around based on job needs.)</i>	
Describe any Environmental Conditions <i>(caustic, explosive, high temperature, temperature variations)</i>	

Material Information

Materials Being Measured: <i>RAS (Recycled Asphalt Shingles), RAP or FRAP Fine Recycled Asphalt Pavement), sand, rock, etc.</i>	
Material Density: <i>(lbs/square foot)</i>	
Material /Environment Temperature Ranges:	
Material Moisture % Range	

Material Flow Information

Describe Bin with what is readily known.. ie wall slope, air cannons, grizzly openings, If more than one bin on the Bin(s) Structure, how many bins over a Collector Belt? Is bin with scale at furthest end away from the discharge of	
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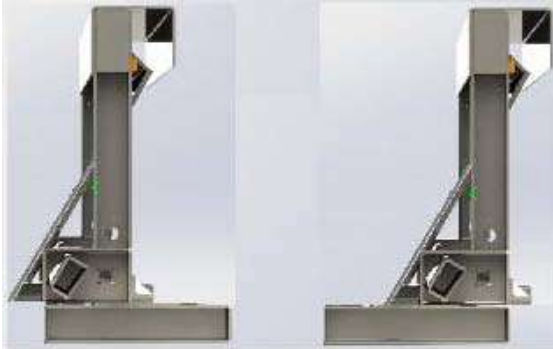
End User Signature: _____ Date _____

and/or

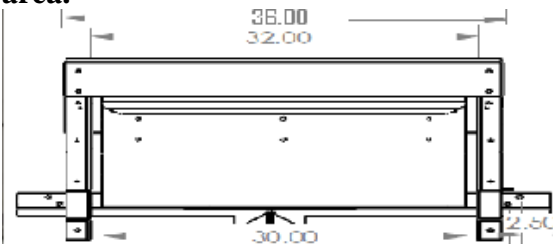
Representative-Dealer Signature: _____ Date _____

it's Collector Belt (furthest is recommended so collector below is empty)

Describe Belt Feed Conveyor feeding the Feeder Scale and the area the scale will be placed in. 1) Feeder Belt Width 2) Discharge Throat Width, 3) Bin Gate Opening, 4) Head Pulley Diameter, **Describe the area the scale will be placed in.** 5) If adjacent to another bin, some bin feeders face each other; does other bin feed material in same area as the scale? 6) What is distance between the head pulley of bin with scale and pulley of adjacent bin? 7) **The Scale Frame as viewed from the side is like a right triangle with the top blunted** measuring about 1 foot wide at the Base and 2 feet Tall



and the length is usually 6" longer than the width of the belt (normally centered 3"on Each side of the belt. Will there be any problem fitting this inside the framework of bin structure? If so, consider assembling the scale in the scale area.



Describe 1) Conveying (Collector Belt)

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<p>below evacuating the Flow Scale such as width, angle of troughing rollers, distance from the bottom of the Feeder Belt to the Top of the Center of the Collector Belt. 2) Is there any other material on belt being added up stream to the material is added from the Scale Discharge? If so, explain what and how much and any chance of large chunks coming in contact with a scale mounted normally 6" lower the bottom Belt Feeder.</p>	
<p>The scale is designed to take vibrations but not shaking. Describe any machinery and processes creating excessive vibrations transmitted to the Flow Scale.</p>	
<p>Describe 1) any Air Flows (Wind, etc) passing by the Scale pushing on the plate and 2) any difficulties that may make it hard to protect the scale plate from feeling the air flow. Hanging used conveyor belting around the scale areas has proven effective.</p>	
<p>Describe Flow Rate Consistency (<i>i.e. Flow rate remains consistent. Flow rate changes significantly when material feeding scale bridges regularly causing erratic flows.</i>)</p>	
<p>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>)</p>	
<p>Describe any Material Flow Ability and Problem Considerations (<i>sticky, chunky, high moisture content, bridging, choking</i>)</p>	
<p>Describe any Maintenance Considerations (<i>to be washed down, Flow Scale Adjustment Access ability</i>)</p>	

End User Signature: _____ Date _____

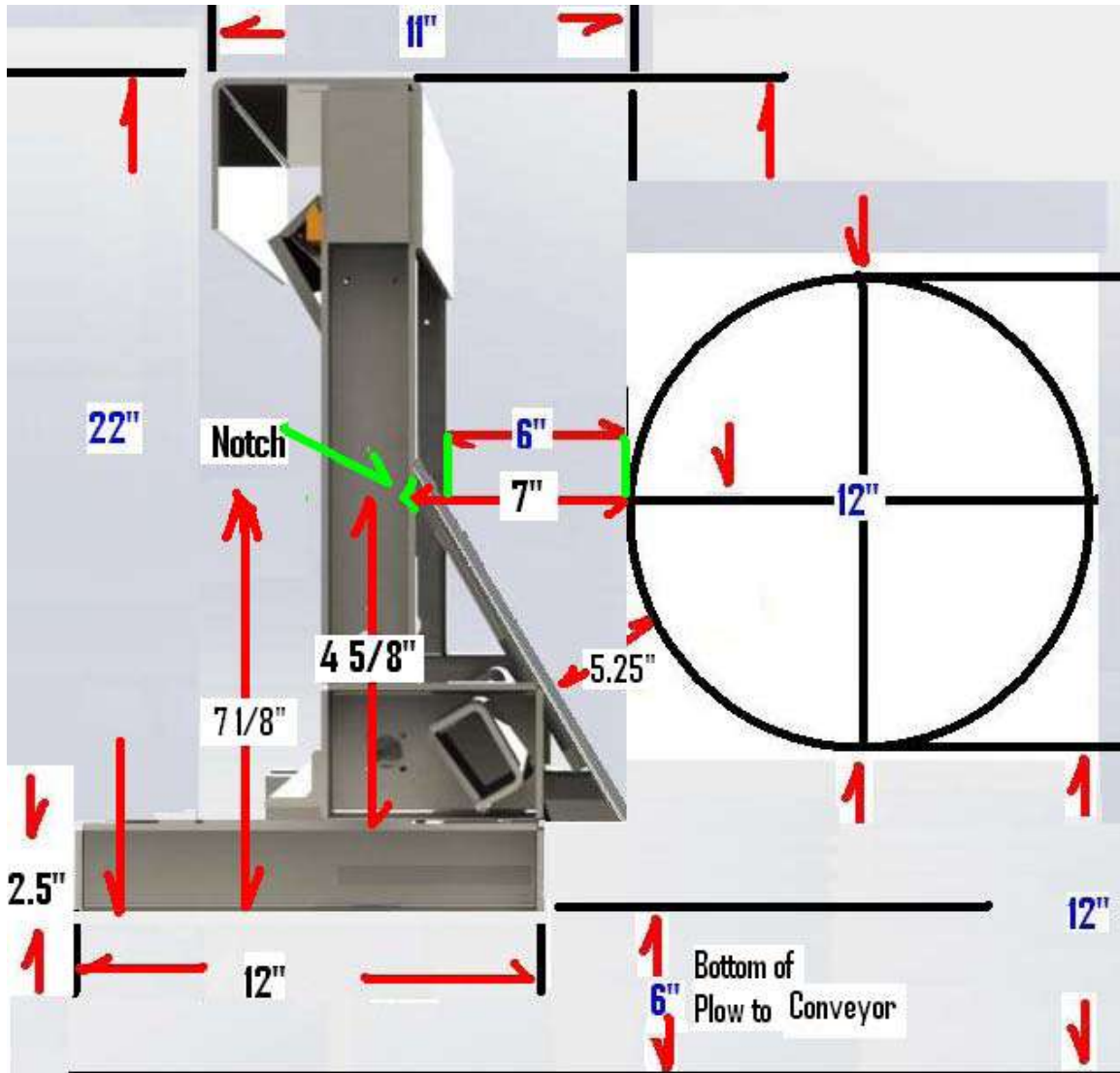
and/or

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Misc. Considerations

<p>Any other Special Considerations (Load cell accessibility adjustment problems in the Scale Rear, Impact Plate accessibility from the front , ect)</p>	
<p>Delivery Needs ('Need By' date)</p>	
<p>Material Calibration Considerations (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?). Option: Weighing through plant into truck. Option. Bin on Load Cells.</p>	
<p>Installation Considerations (Excessive vibration or rocking. flow scale heigh or width or depth restrictions.</p>	
<p>Electrical Considerations <i>*Scale integrator – analog output – 4-20 ma</i> <i>*Automatic Blending Control</i> <i>* Frequency Rate Output (to replace Tachometer input to the Computer).</i></p>	
<p>Mechanical Considerations <i>*Turnkey Service Requirements</i> <i>*Custom Engineering</i></p>	
<p>Bin Setup.. is this a Multi Bin over a collector belt with one Belt Scale or a Single Bin.. describe...</p>	

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The drawing above is minimum clearance required for RAS Bins with Gate Openings at 4" with 6" Grizzly openings when running RAS only when the collector belt center roller is only 12" below bottom of feeder belt and with a 12" Head Pulley (typical with portable bins for portable plants).

Stationary Bins usually have larger head pulleys requires the scale to be lowered from that pictured above.. When weighing RAP as well, the scale should be lowered as well to allow more clearance between the head pulley and impact plate. Stationary Bins normally have sufficient vertical height between collector belt and bottom of feeder belt to allow RAP to be weighed on the same scale as the RAS without having to move the scale out of the RAP Flow. Gate Openings can now be raised (many cases all the way up) and grizzly openings increased.

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Specs to subject to change without notice.

See Belt Feeder Install Graphics for more consideration.

**PLANT EQUIPMENT SALES SERVICE
CLARENCE RICHARD COMPANY**

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800-372-7731 952-939-6000 FAX 952-939-1026
email clarence@clarencerichard.com web www.clarencerichard.com

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and/or
Representative-Dealer Signature: _____ Date _____