

Ez-Flo Continuous Weigh Scales

PLANT EQUIPMENT SALES SERVICE

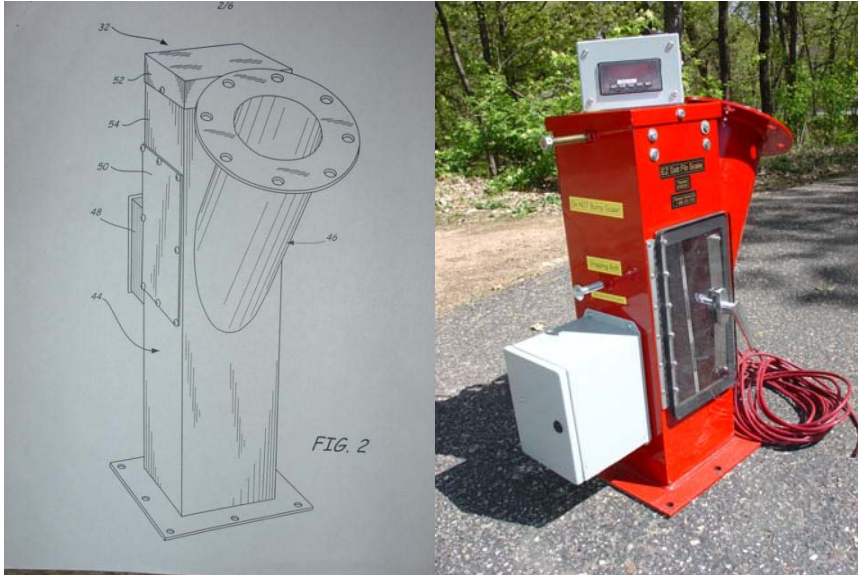
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Application Data Sheet



End User Name _____ Date _____
Company _____
Address _____
Phone _____ Fax _____
E-Mail _____
Scale Location _____

Sales Representative... _____

Application _____

Scale Purpose _____

(Inventory Control, Blending Control, Batching Control)

Flow Rate Range Required _____ i.e 3.5 to 10 tons
per hour or 50 to 130 pounds per minute

Accuracy Required _____ % of Reading

Product to be measured _____

Density _____ lbs/cubic foot

Product Temperature _____

Product Moisture _____ %

of Pages 1 End User Signature _____ Date _____ Pages 1
and/or Representative-Dealer Signature _____ Date _____

Describe Product Abrasiveness _____

Display Readout Engineering units. units must be same for Totalizer and Rate Totalizer _____ *lbs or tons*

Rate _____ *Tons or Pounds Per Minutes- Pounds or etc*

Display Readout (Integrator) Location _____ *This Device is used to read the flow rate and the total weight. This readings on this device are regularly and sometimes often (the rate reading at least daily) Zeroed by pressing the F1. This device must be located where the operator has easy access to the readings and the Keys.*

Process description _____

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.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.*

Describe Environmental Conditions For the Scale and the Electronic Integrator

(indoors, out doors, hot, cold, windy, rain, humidity, hose down area, dusty, dirty)

Ambient Temperature Range _____

Describe any Hazardous Environmental Conditions _____
(Explosive Atmosphere, High Temperature, Temperature Variations, etc)

Describe any Hazardous Material Conditions _____
(caustic, explosive, flammable)

Describe any Material Flow Ability and Problem Considerations.. _____

(sticky, chunky, high moisture content, bridging, choking)

Describe any Maintenance Considerations _____
_____ (to be washed down, Flow Scale Adjustment Access ability)

Describe flow scale accuracy and reliability requirements _____
_____ (scale to measure 24 hrs/7days/Week/ all year long, production stops when scale is inoperative, scale is required for batching or for blending or totalizing, mix quality suffers significantly when scale is inaccurate)

Installation Consideration _____
_____ (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)

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: Calibration Slide Gate, Calibration Divert Stand.

Any other Special Considerations. _____

Special Construction Requirements _____
_____ (Food Grade, Load cell accessibility adjustment problems, Inner scale cavity accessibility adjustment problems - Inspection door rearrangement)

Delivery Requirements _____ ('Need By' date)

Required optional equipment and services

Electrical

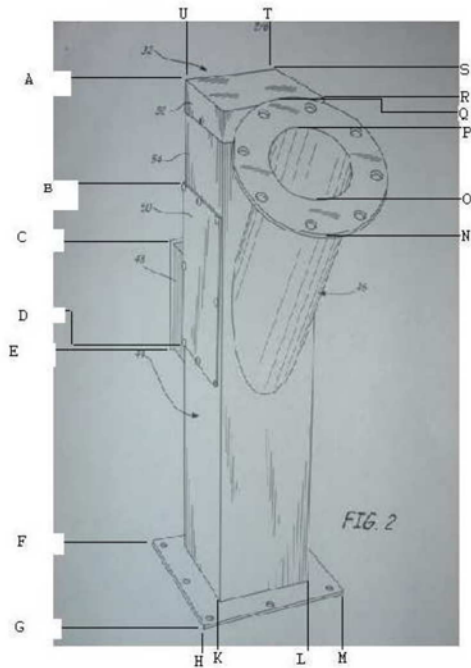
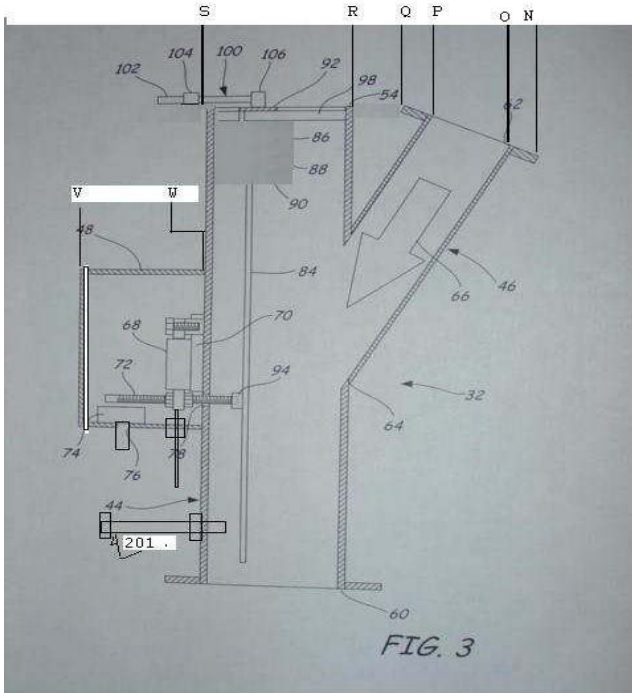
- *Scale integrator – analog output – 4-20 ma
- *Automatic Blending Control

Mechanical

- *Discharge Tapered Transition – Square to Round.
- *Calibration Jam Gate – 16” Square to 10” or 12” (to be mounted under customers discharge auger)
- *Scale Discharge Divert Chute (typically scale is mounted on top so product discharges straight through or is diverted to a container used for calibration)
- *Turnkey Service Requirements
- *Custom Engineering

**When possible, send pictures to clarence@clarencerichard.com.
Please sketch a drawing of process equipment lay out on back.**

EZ-Flo Scale Standard Sizes..
25.5" High -30.5" High -34.5" High - 41" High
Custom Sizes available on request.



EZ-Flo Scale 25.5 High – 8” Tube – Powder Paint Carbon Steel

Scale 25.5” High X 26.25 Wide (Load Cell Enclosure Door to Feed Throat Flange Far edge) X 12” Deep (Scale Base Flange Depth) Dimensions

Figure 2

A-F Height – 25.5
B-D Inspection Door Height 11.5”
C-E Load Cell Box Height 8”
N-Q Flange OD 11”
O-P Feed Throat ID 6”
H-M Base Flange OD 12”
K-L Square Tube Width 8”
B-F 18.5

Figure 3

N-Q Flange OD 11”
O-P Feed Throat ID 6”
H-M Base Flange OD 12”
K-L Square Tube Width 8”
R-Q – Cover to Flange Edge 2”
R-N Body Cavity Edge to Far Feed Throat Flange Edge 11.25”
S-R – Body Cavity Depth 8”
V-W Load Cell Box Depth 7”

EZ-Flo Scale 30.5” High – 8” Tube – Powder Paint Carbon Steel

Scale 30.5” High X 26.25 Wide (Load Cell Enclosure Door to Feed Throat Flange Far edge) X 12” Deep (Scale Base Flange Depth) Dimensions

Figure 2

A-F Height – 30.5
B-D Inspection Door Height 12”
C-E Load Cell Box Height 8”
N-Q Flange OD 11”
O-P Feed Throat ID 6”
H-M Base Flange OD 12”
K-L Square Tube Width 8”
B-F 24”

Figure 3

N-Q Flange OD 11”
O-P Feed Throat ID 6”
H-M Base Flange OD 12”
K-L Square Tube Width 8”
R-Q – Cover to Flange Edge 2”
R-N Body Cavity Edge to Far Feed Throat Flange Edge 11.25”
S-R – Body Cavity Depth 8”
V-W Load Cell Box Depth 7”

EZ-Flo Scale 34.5" High – 8" Tube – Powder Paint Carbon Steel

Scale 34.5" High X 26.25 Wide (Load Cell Enclosure Door to Feed Throat Flange Far edge) X 12" Deep (Scale Base Flange Depth) Dimensions

Figure 2

A-F Height – 34.5
B-D Inspection Door Height 12"
C-E Load Cell Box Height 8"
N-Q Flange OD 11"
O-P Feed Throat ID 6"
H-M Base Flange OD 12"
K-L Square Tube Width 8"
B-F 27.5

Figure 3

N-Q Flange OD 11"
O-P Feed Throat ID 6"
H-M Base Flange OD 12"
K-L Square Tube Width 8"
R-Q – Cover to Flange Edge 2"
R-N Body Cavity Edge to Far Feed Throat Flange Edge 11.25"
S-R – Body Cavity Depth 8"
V-W Load Cell Box Depth 7"

EZ-Flo Scale 41" High – 10" Tube – Stainless Steel

Scale 41" High X 30" Wide (Load Cell Enclosure Door to Feed Throat Flange Far edge) X 14" Deep (Scale Base Flange Depth) Dimensions

Figure 2

A-F Height – 41
B-D Inspection Door Height 12"
C-E Load Cell Box Height 8"
N-Q Flange OD 12.5"
O-P Feed Throat ID 8"
H-M Base Flange OD 14"
K-L Square Tube Width 10"
B-F 13

Figure 3

N-Q Flange OD 12.5"
O-P Feed Throat ID 8"
H-M Base Flange OD 14"
K-L Square Tube Width 10"
R-Q – Cover to Flange Edge 1.5"
R-N Body Cavity Edge to Far Feed Throat Flange Edge 13"
S-R – Body Cavity Depth 10"
V-W Load Cell Box Depth 7"

Specs to subject to change without notice.