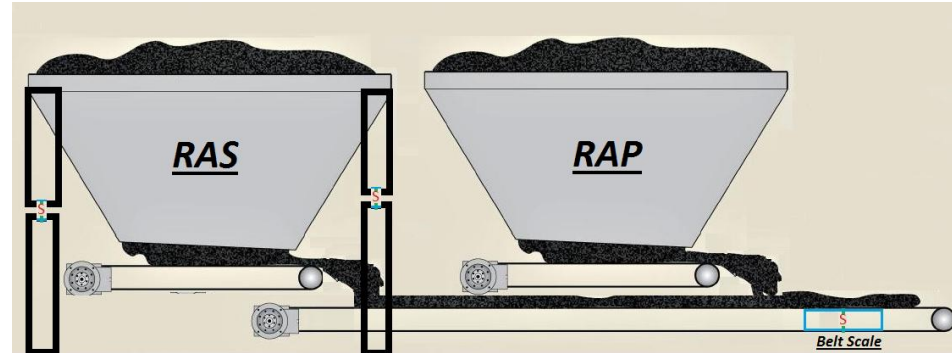
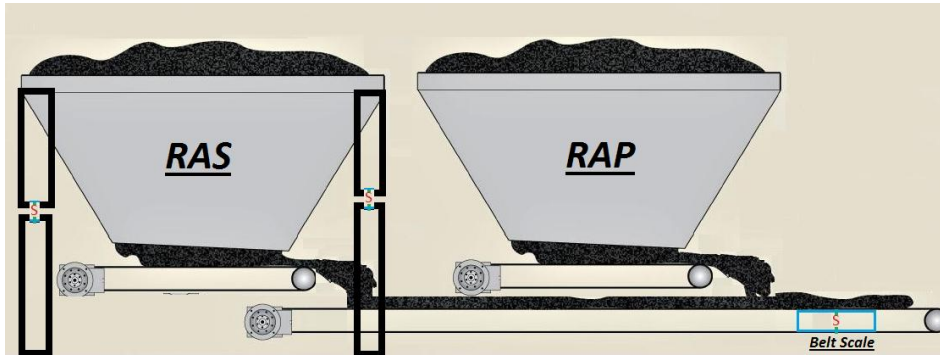


Accurate RAS Blending;

It's important and
it's a big problem..



- Uncontrolled (Volumetric) RAS (made up mostly of asphalt and fines) negatively affects mix quality.
- RAS is too expensive to give away.
- Pre-Blending RAS volumetrically with Sand or RAP is expensive and negatively affects mix quality.

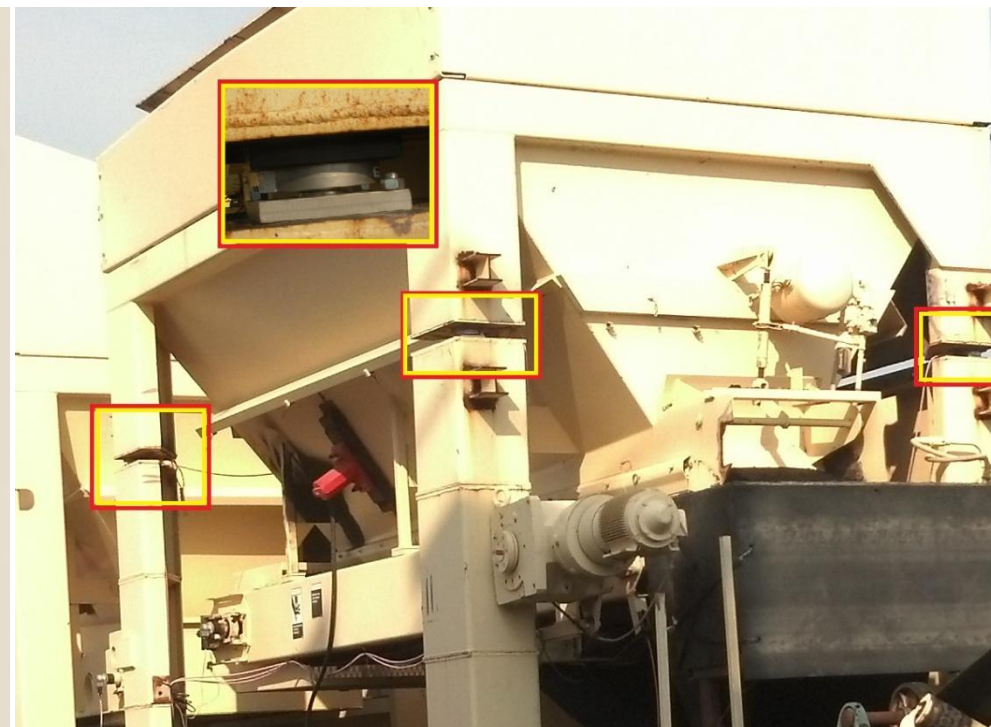
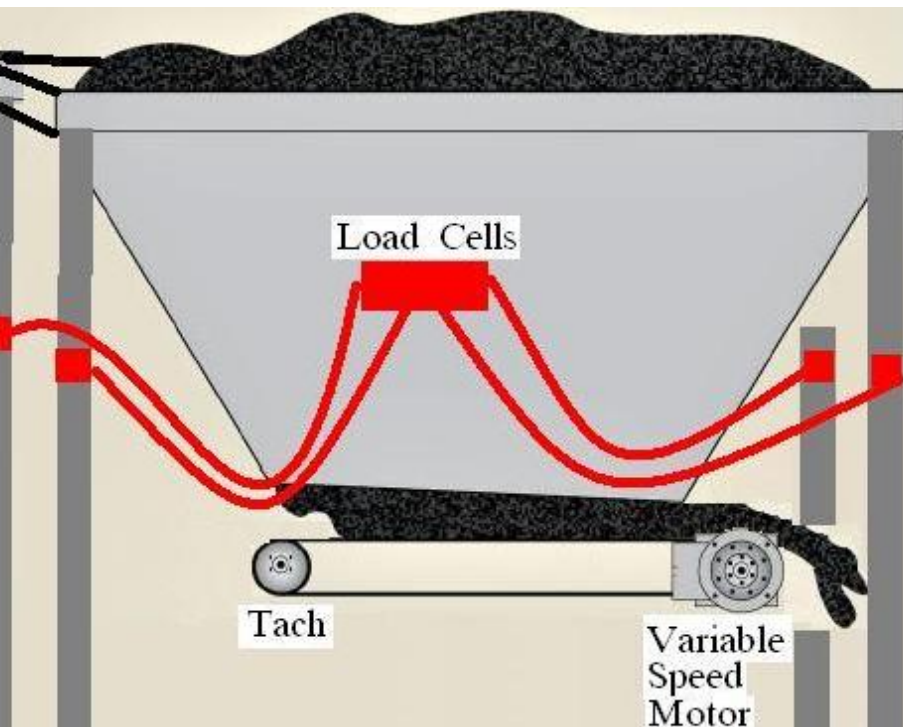


Problem...

- Asphalt plants (nearly 100 % of the plants that use RAS) are volumetrically blending RAS.
- Volumetric Blending does not work because RAS densities change continuously. E.g. Fill a bucket with RAS. Step on it. It compresses.
- Asphalt Plant Controls were not designed to control the changing RAS densities. 1 huge (too huge for weighing RAS) RAP Belt Scale adjusting the oil for deviations at two bins of different oil content is scientifically impossible to control accurately. Since this is being done in this manner, mix quality suffers.

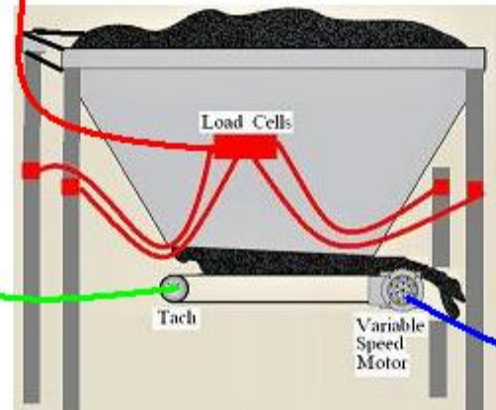
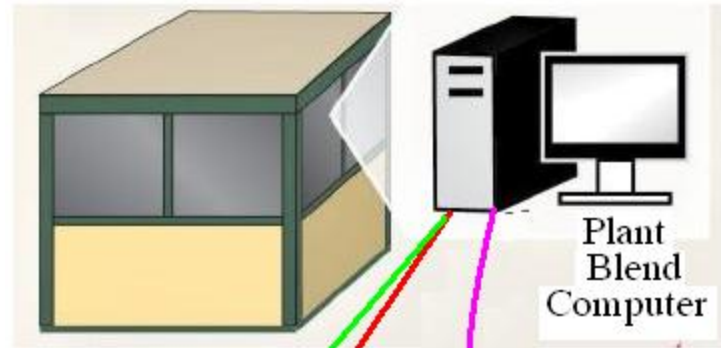
Solution: EZ-Flo Weigh Loss Scale/Controller

- Six Reasons to buy
- and why.



1) EZ-Flo Weigh Loss Scale/Controller

retrofits into most any existing plant's RAS closed loop control without any hardware-software changes to the plant blending computer.



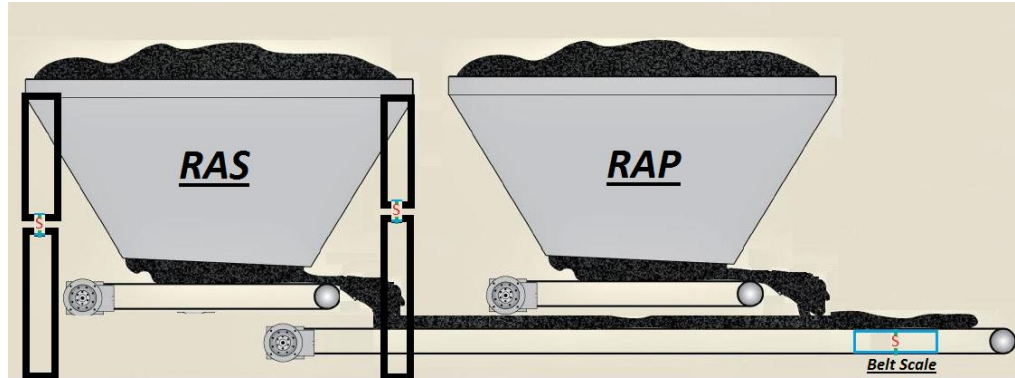
Variable Speed Drive

- By doing so, the EZ-Flo Weigh Loss Scale/Controller adjusts the speed of the bin to the correct proportion.
- All this happens by rerouting the RAS Bin Tach Control wires through the Ez-Flo Weigh Loss Scale/Controller.

2) The EZ-Flo Weigh Loss Scale/Controller weighs the lighter flow rates of RAS very accurately.

- RAP Belt Scales were not designed to weigh a material accurately at 3% to 5% of it's full scale reading.

3) Plant Computer: Operators pick what % (RAP 5% or RAS 20% or somewhere in between) the oil delivered shall be when the RAP Belt Scale changes.



- If the RAS was partially bridging over at the bin or the RAS Density was changing from fluffy to compressed, the oil should be adjusted to 20% of the RAS contribution.
- If the RAP was partially bridging over at the bin, the oil should be adjusted to 5% of the RAS contribution.
- No matter what % the Operator enters, that % is not correct all the time unless you have a EZ-Flo Weigh Loss Scale/Controller to correctly weigh and force the plant Blend Computer to adjust the feeder speed to the correct gravimetric flow rate.

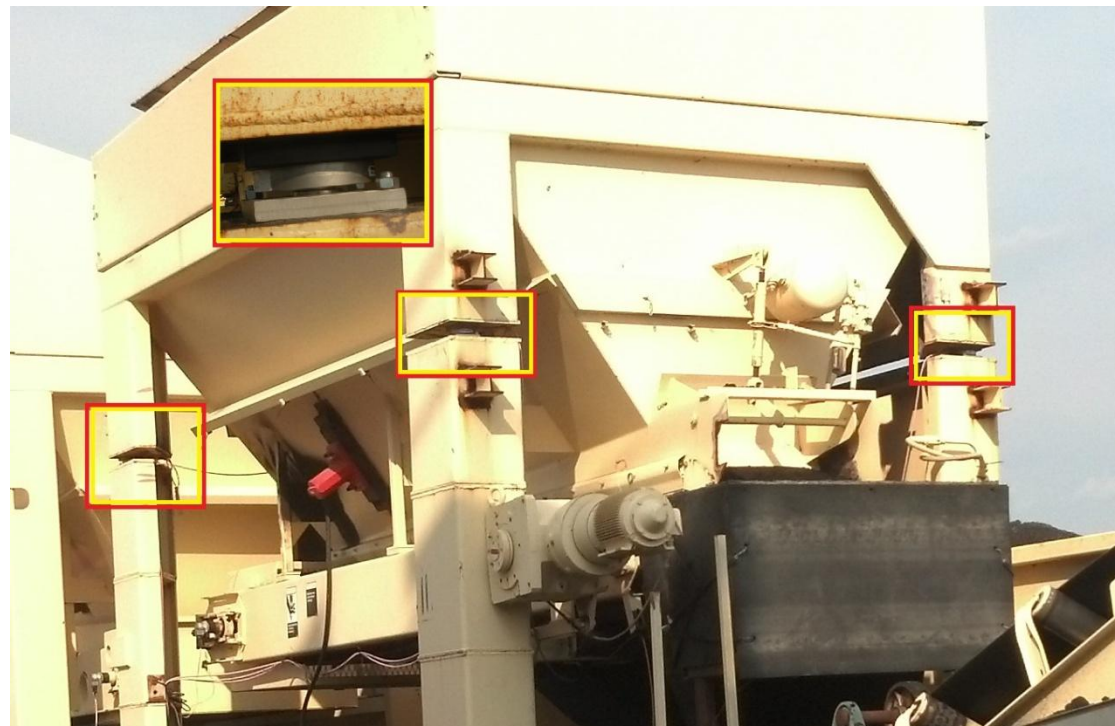
4) When the bin bridges or partially bridges, the Plant Operator is alarmed with the EZ-Flo Weigh Loss Scale/Controller.



- This alarm system works 100% of the time and require no added maintenance.
- Mechanical tip switches do not always sense a partial bridge.
- The system includes an output to trigger bin blasters, automatically, to break the bridge.

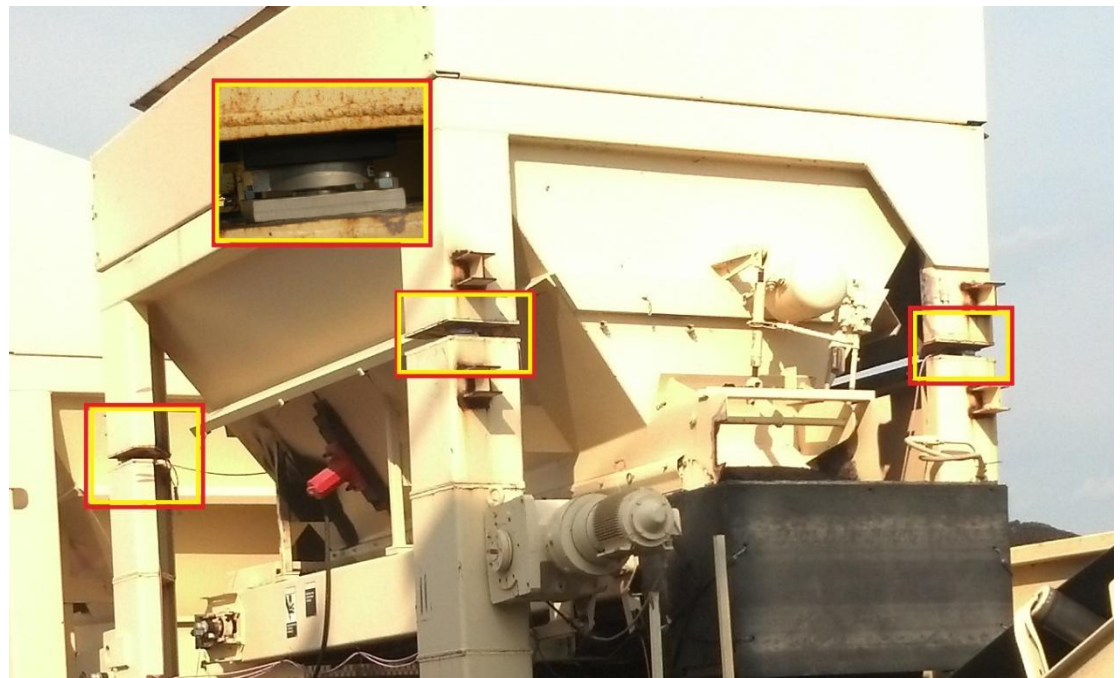
5) Low Bin Level alarm audible and output to a light at the bin.

- Since the bin is being weighed;
- a low bin level alarm audible can notify the Plant Operator
- an output to a light at the bin notifies the Loader Operator.



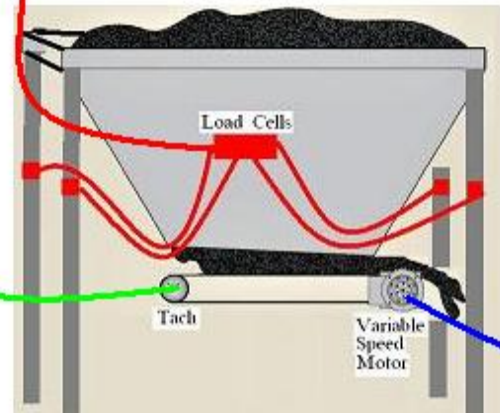
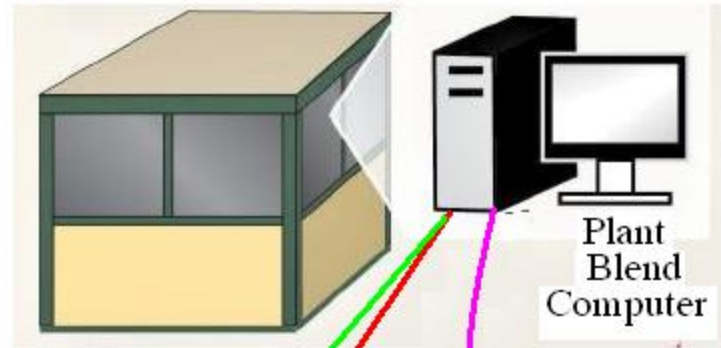
6) Quicker Bin Cleanout

- Since the bin is being weighed, the Plant Operator knows where to have Loader Operator fill the bin near the end of the day. Clean out can be quicker and the Plant Operator knows when the bin is really empty.



1) EZ-Flo Weigh Loss Scale/Controller

retrofits into most any existing plant's RAS closed loop control without any hardware-software changes to the plant blending computer.



Variable Speed Drive

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Before Start Up



Startup... in **Volume Control** (Tach Mode)

- The Tach Signal is being relayed to Blend Control while Scale Control calculates the Rate (TPH)



Scale to make adjustment

- The Scale Control captures the latest Ratio **1.126** and applies it to the incoming Tach signal.



Control to maintain Ratio

- Of 1.126 For a predetermined amount of time before the Scale Control updates the most current Weigh Loss Scale Reading **1.115**.



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



Weigh
Loss



EZ-Flo
Bin
Depletion
Scale

With or
Without
Bins or Load
Cells

Belt Scales
\$2,995 to
\$4,495



EZ-Flo Scales

