



IAOM

Southeastern, Niagara, Ohio Valley & Wolverine Districts'



Operating Modern-Day Mills

How Do Reclaimers Automate Silo Unloading?

Material is delivered to the center of the silo floor, then flows down through a center chute below the floor and onto a discharge auger or conveyor for transfer out of the silo and onto the next step in the process



Without
Reclaimer

With
Reclaimer



Operating Modern-Day Mills

Things to consider...

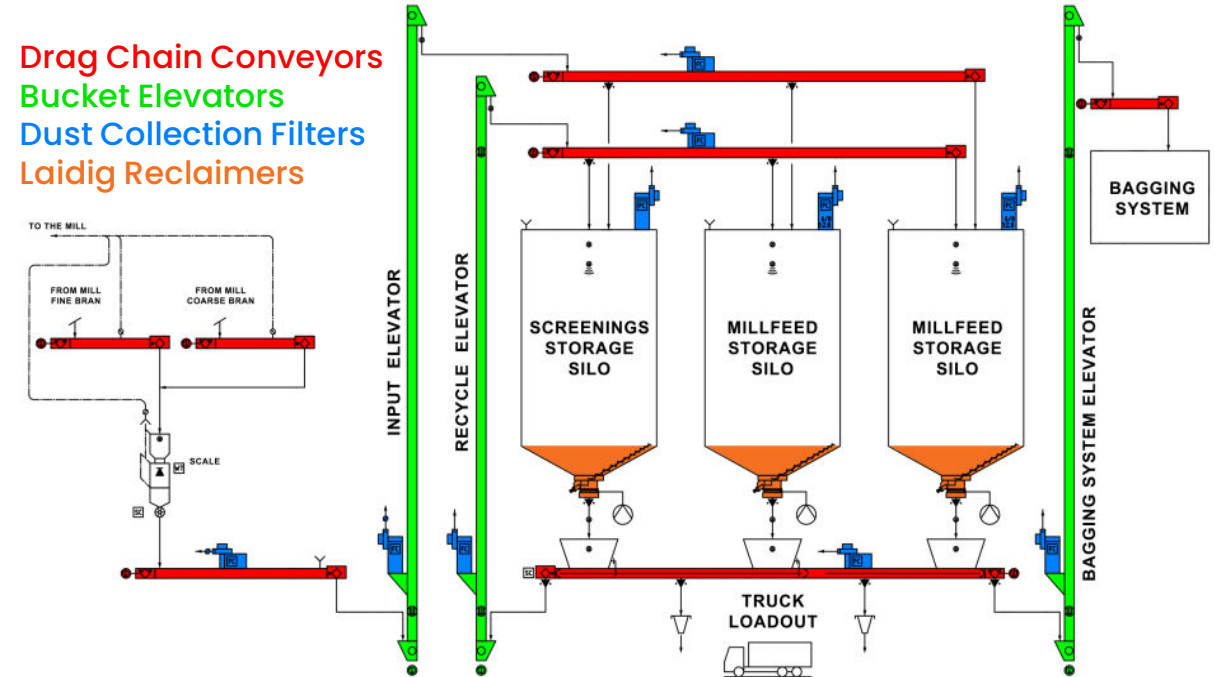
- **Automation**
 - Protects against staffing shortfalls
- **Consistent Loadout Rates**
 - Post weekend/holiday shutdowns
 - Faster more efficient load out times



Operating Modern-Day Mills

Where Does A Reclaimer Fit In at a Flour Mill?

- Can range from 250T – 15,000T
- Can be installed in either flat floor or hopper bottom silos
- Either new load out systems or retrofitted for existing silos



35' Diameter Slip

Material: Wheat Midds

- **Consistent loadout rates**
 - Reclaimers; flat floor
 - Laidig reclaims midds feeding it to takeaway conveyor for loadout
 - 10 MTPH (recycle only)
 - 70 MTPH (loadout)



Feeding Loadout Area



26' diameter Cone Bottom

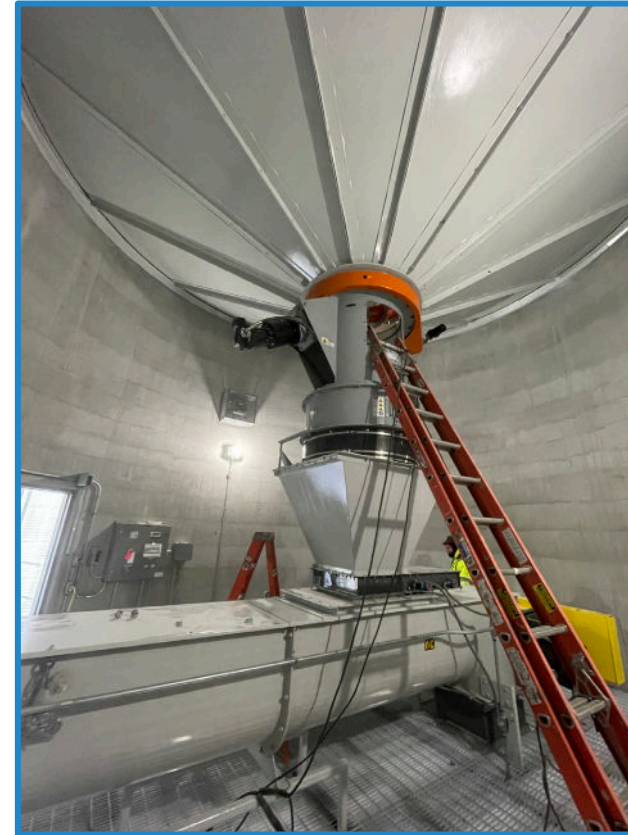


Concrete or Steel Bolted

- **Consistent Loadout Rates**
 - 267 CFM or 176 tons per hr/ 22 pcf



Steel Hopper in Concrete



21' Diameter on Steel Bolted



Material: Wheat Midds

- On load Cells
- 300 ton
- 100 CFM or 66 tons per/hr





Thank You!

