



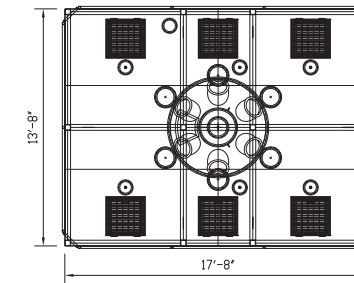


FERTILIZER & OVERHEAD BATCHING

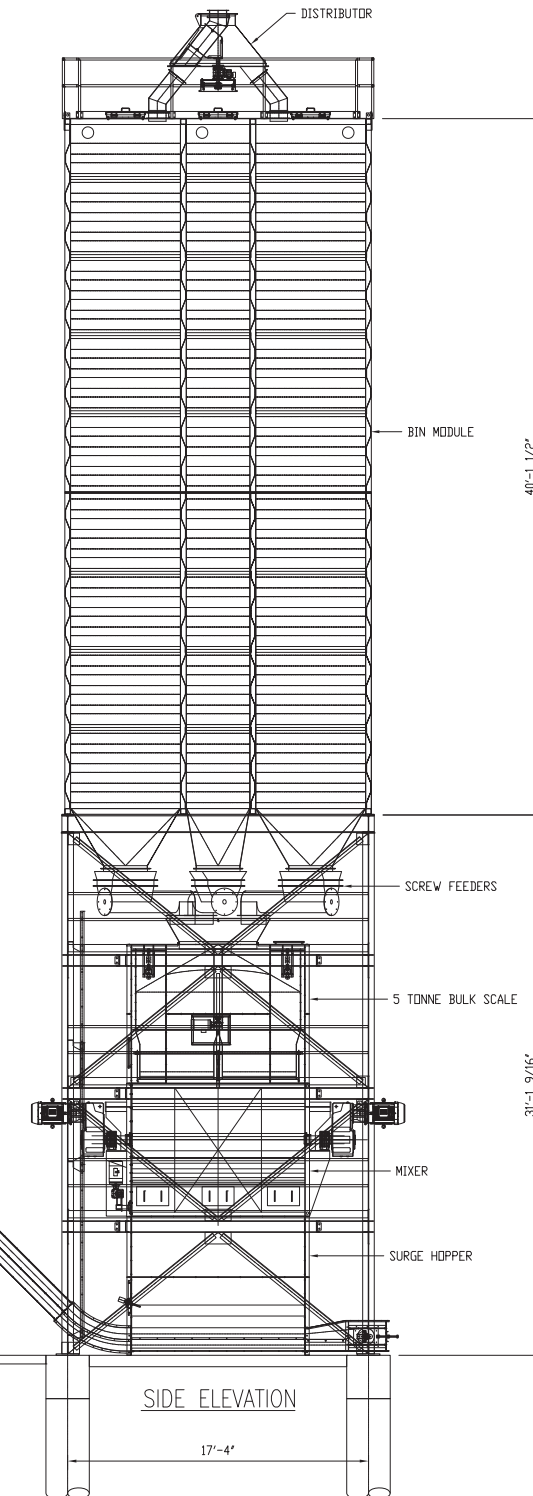
FEATURES

- Stainless Steel Overhead Bin Module with 6 separations up to 10,000 CF.
- Mass Flow bin and screw feeder design means better product flow.
- One piece structural tower with multiple service levels.
- Totally enclosed, legal for trade weigh hopper. Batching process – weighing of each ingredient individually – insures exact proportion of each ingredient every time, regardless of changes in product density
- Horizontal Mixer achieves coefficient of variation of less than 10%.
- Rapid batching cycle - 1.5 minutes per batch – that can achieve throughput rates over 8,000 CFH (200 TPH @ 55 PCF).
- Short mixing time means less fines and dust.
- Lower surge hopper complete with loadout drag conveyor.
- Multi stage batching allows for continuous production.
- All 304 stainless steel components.
- All components built to industrial high throughput standards.
- All components designed for bolted fit and rapid installation.

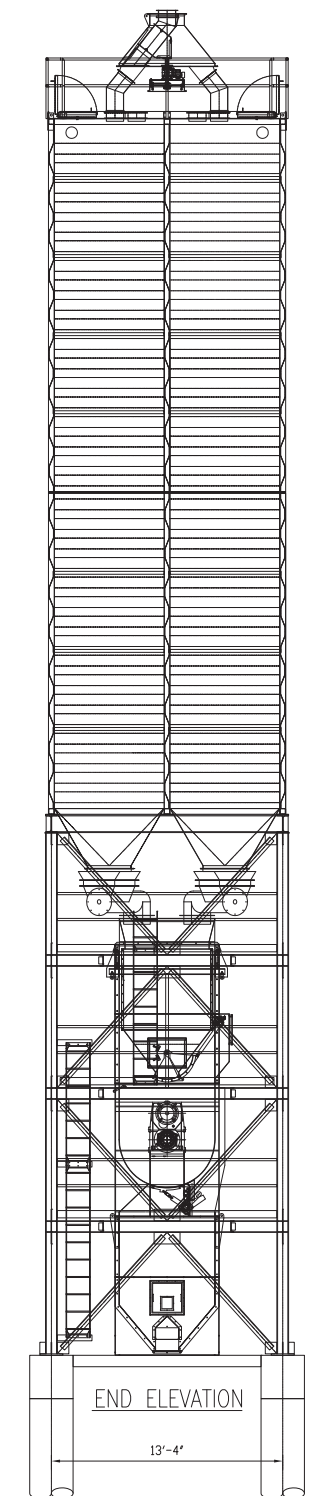
8,000 CFH BATCHING SYSTEM



PLAN VIEW – BIN ROOF



SIDE ELEVATION



END ELEVATION

SYSTEMS COMPONENTS

Distributor: 6 hole, 12" diameter, 50 degree, electric distributor

- All stainless steel construction with heavy duty base plate and increased gauges
- Shaft mounted reducer with 0.33 HP motor, TEFC
- Limit switch positioning on all outlets
- Pre-fitted stainless steel spouts to bins

Bin Module: 10,000 CF, 6 compartment all stainless steel bin module, 14' x 18' x 40' H

- 4 compartments, 1960 CF each
- 2 compartments, 1120 CF each
- Manway, spout inlet flange and high level sensor mounting flange included on each compartment
- Mass Flow style discharger hopper and flange on each compartment
- Poke hole included on each hopper
- Handrail on bin roof deck

Support Structure: Mild Steel Structural Frame 14' x 18' x 31' H

- One piece welded construction
- Includes service floors of galvanized serrated bar grating
- Galvanized access ladders included
- Enamel finish paint

Batching Feeders: Six 8,000 CFH Screw Feeders

- Stainless Steel Housing and heavy duty mild steel pipe and flighting
- 20 HP AGMA II, Shaft Mounted Reducer with direct coupled TEFC motor
- Flared inlet and hopper to match Mass Flow hoppers

Batching Scale: 200 CF (5 TONNE) Batching Scale

- All stainless steel construction
- Full length, drop bottom air operated gate
- Dual 50 HP AGMA II, Shaft Mounted Reducer with direct coupled TEFC motor

Mixer Surge Bin: 200 CF Surge Bin

- All stainless steel construction

Loading Conveyor: 8,000 CFH L-Path Drag Chain Conveyor (200 TPH @ 55 PCF)

- All stainless steel construction
- Pintle chain with UHMW bolted paddles
- 25 HP AGMA II, shaft mounted reducer with direct coupled TEFC motor

CFH = Cubic Feet per Hour | **TPH** = Tonnes per Hour | **PCF** = Pounds per Cubic Feet



OTHER VIS FERTILIZER PRODUCTS

- Receiving systems with rates up to 1,000 TPH featuring stainless steel Bucket Elevators, Distributors, Screw Conveyors and Drag Conveyors
- Shed loading Belt Conveyors with trippers up to 1,000 TPH
- Batching systems utilizing ground level tanks up to 200 tonne each and rates of up to 8,000 CFH

