



Lo-Pro 10 Concrete Batch Plant

Specifications: Lo-Pro 10 Concrete Batch Plant

Construction

- Service Panel
- Right Side
- Left Side
- Fill Pipes
- Right Side
- Left Side
- Water Meter
- Right Side
- Left Side
- Structure
- Weld Down
- Anchor Bolts
- Aggregate Bin Charging Conveyor
- 90 Degrees - Right Side
- 90 Degrees - Left Side
- Other Than 90 Degrees - Right Side
- Other Than 90 Degrees - Left Side
- Center Line Of Plant - Rear Side
- Other Than Center Line Of Plant - Rear Side
- Structure is designed to hold ubc steel design requirements for 90 mph fastest mile wind, exposure c, or ibc steel design requirements for 90 mph 3 second gust wind, exposure c. any code requirements, including seismic loads, exceeding the design requirements of the wind loads (and dead and live loads) stated above will be subject to new pricing

Note: It is the responsibility of the customer to complete field welding. inspection and certification of welds may be required to meet the structural design criteria and building codes. the purchaser will be advised of field welding required on the erection drawings of the plants. erection drawings will be provided at time of delivery. con-e-co will provide an estimate of the field welding, upon request, prior to completion of plant erection drawings. final drawings may vary from the estimate.



Truck Mixer Charging

- Back In (Rears) - Drive In (Fronts)
- Right Side
- Left Side
- Center Line Of Plant
- Drive Through
- Right To Left
- Left To Right

Aggregate Storage Bin With The Following Specifications:

- 50 Cubic Yard X Three (3) Compartment Aggregate Bin
- Eight (8) Fill Gates Each With 4 1/2" Diameter Air Cylinders And Quick Dump Valve - Gates Operated

With 1/2" Single Solenoid Valve

- Single Point Aggregate Gate Lubrication Furnished For Air Powered Grease Gun
- ==> Equal Compartments
- ==> Compartments Arranged For Loader Charging
- Bin Configuration To Follow

Aggregate Batcher With The Following Specifications:

- 10 Cubic Yard Capacity
- Aggregate Batcher Capacities Contingent All Gates
- Main Levers And Single Load Cell Less Digital Readout
- Rear Mounted Air Vibrator
- 30" X 10 H.P. Batcher Conveyor
- Variable Speed Batcher Conveyor
- Discharge Stop / Feed Interlock

Mixer Charging Conveyor With The Following Specifications:

- 30" X 35 Degree Idlers X 10 H.P. Mixer Charging Conveyor
- ==> Belt Furnished For Field Vulcanizing By Customer
- ==> Start Warning Horn

Cement I In Truss Storage Bin With The Following Specifications:

- 215 Bbl In Truss Cement I Bin - Total Storage 860 Cubic Feet (Maximum 215 Bbl - Minimum 179 Bbl)
- Manhole With Inside Ladder
- One (1) - 5" Diameter Fill Pipe System Complete With 4" Coupling
- Model Pjc-300S Silo Dust Control System
- 8 Each Filter Cartridges - 8" Diameter 40" Long
- 304 Square Feet Cleaning Area
- 1,520 C.F.M. Capacity



- High Pressure Air – Pulse Jet Cleaning System
- All Welded Steel Enclosure
- Pressure Relief Valve
- High Bin Signal
- Low Bin Signal

Cement Batcher With The Following Specifications:

- 10 Cubic Yard Capacity
- Main Levers And Single Load Cell Less Digital Readout
- 14" Diameter X 15 H.P. Cement Batcher Screw
- 12" Diameter Butterfly Type Discharge Valve With 3" Diameter Air Cylinder And 3/8" Double Solenoid "Inching" Valve
- Bv-14 Batcher Dust Control System
- 14 Each Filter Bags – 4" Diameter 16" Long
- 20 Square Feet Cleaning Area
- Atmosphere Pressure Cleaning System
- Two (2) Cement Batcher Vibrators
- Discharge Closed / Feed Interlock

High Pressure Air System With The Following Specifications:

- 10 H.P. X 120 Gallon Air Compressor
- All Piping To Include Regulator, Filter And Lubricators
- Solenoid Valves Mounted On Manifolds
- Air "Lock-Out" Furnished At Compressor Tank

Low Pressure Air System With The Following Specifications:

- 5 H.P. Low Pressure High Volume Cement Aeration Blower
- Eighteen (18) Cement I Aeration Pads And Manifold

Water System With The Following Specifications:

- 515-Pdc-2" Water Meter With 2" Strainer And 3" Piping
- Seven (7) Admixture Couplings

Electrical System With The Following Specifications:

- 400 Volt/50Hz
- Main Disconnect With Circuit Breaker
- All Motor Controls Protected With Circuit Breaker
- Nema 12 Enclosures
- U.L. Listed Panels

Transportation System With The Following Specifications:

- Tandem Axle
- Budd Wheels
- Mobile Package Including The Following:
- Self Erect Hydraulics With Gas Engine



- Hinged Discharge Hood
- Cement I Bin Dust Control Quick Release Clamps
- Cement Ii Extension Dust Control Quick Release Clamps
- Batcher Dust Control Quick Release Clamps
- Hinged Lower Support Columns

**Batching Controls With The Following Specifications:
"Command Alkon" Spectrum Computerized Batch Control**

- ==> Order Entry System
- ==> 6 Aggregates, 3 Cements
- ==> 2 Metered Waters
- ==> 8 Admixes
- ==> Remote Diagnostics
- ==> Fast Batch
- ==> "Command Alkon" Factory Start-Up
- ==> 75'-0" Control And Scale Cables

Paint

- Color: Case White
- Metal Preparation
- Phosphatized Etching.
- One (1) Part Polyiothane Primer.
- One (1) Finish Coat-- Two (2) Part Urethane Top Coat Case White.
- Includes Caulking As Needed, Greasing Of Exposed Cylinders, Hot Wax Coating
- And I.S.P.M. 15 Lumber Products For Packing Or Crates As Needed

