



DEFINING BATCH PLANT EXCELLENCE

LP SERIES

Hagan Low Profile
Portable Concrete Batching Plants



Hagan Low Profile Portable Concrete Batching Plants

The most complete line of concrete
batching equipment that makes you money

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Features and Benefits

Compare the LP Series features with what the competition has to offer.

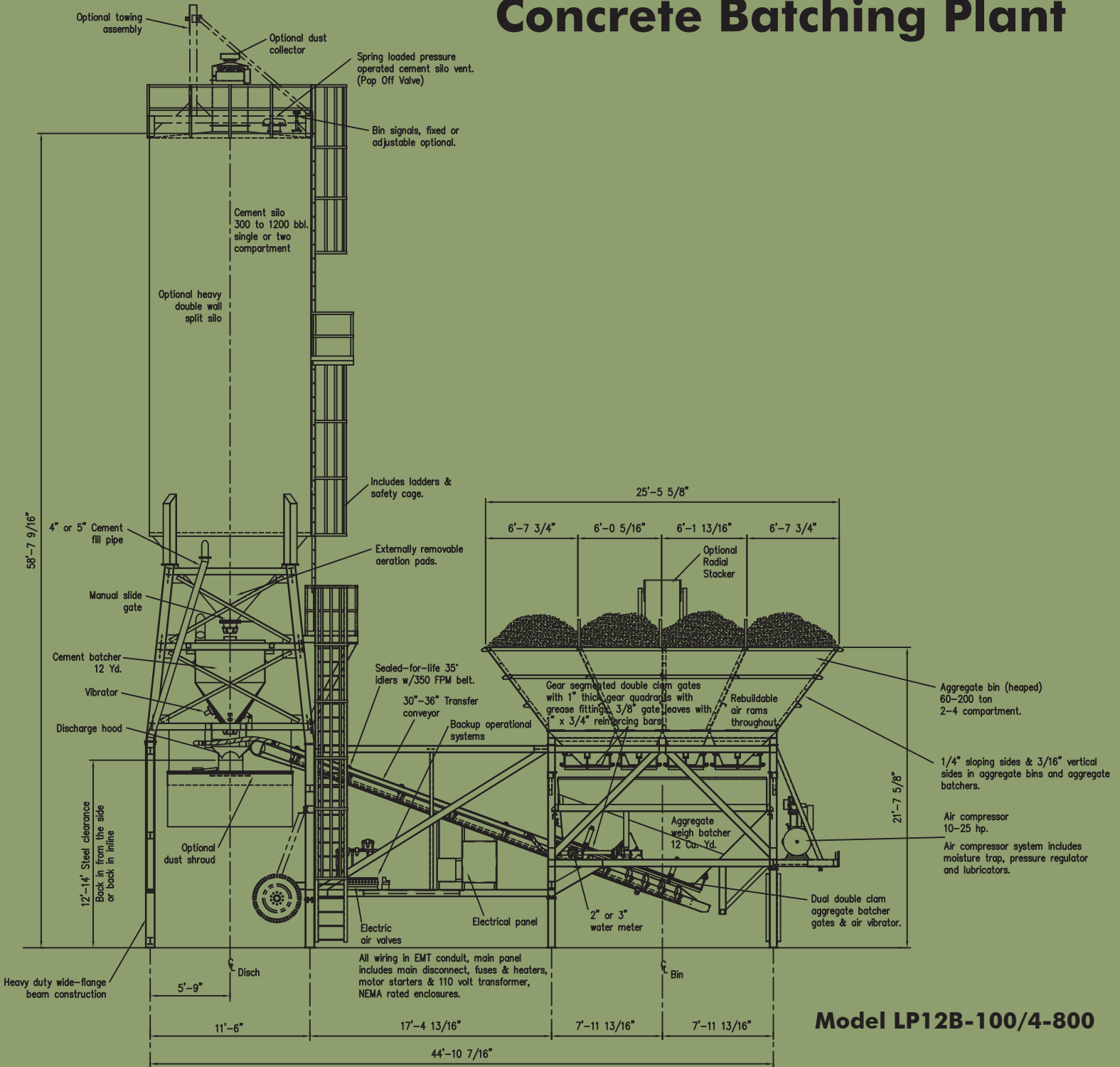
CPMB, NRMCA & NTEP rated and plated.	Assures meeting industry standards and specifications.
10 to 25 HP air compressor system includes pressure regulator, lubricators, and moisture trap.	Plant is pre-piped for air system. Provides fast performance of all air cylinders, vibrators and aeration. Lubricators assure system reliability.
Badger 2" or 3" turbo water meter system with stand pipe and inlet strainer. (Weighed water system optional)	Industry standard in water meter components. Stand pipe eliminates water hammer. Strainer provides continuous operation.
Theoretical capacity.	120 to 200 cubic yards per hour.
All wiring in EMT conduit.	Meets NEC, NEMA and UL approved. Eliminates potential for vandalism and excessive wear common on plug and cord wired plants.
NEMA rated enclosures.	High quality enclosures for power panel and manual or computerized control panels.
Main power panel includes main disconnect, fuses, heaters, motor starters and 110 volt transformer.	Provides convenient hook up of 460V/3PH/60HZ power to operate the plant motors and controls. Other voltages available. Special local power requirement available as an option.
400 to 1200 bbl. silo capacities (Split silos optional)	Silo ships with cement batcher module attached as one load of freight for ease of delivery.
Manual emergency slide gate on cement silo.	Provides backup system to troubleshoot cement silo and discharge gate.
Optional bin signals (fixed or adjustable).	Maximum flexibility for monitoring cement consumption and ordering requirements.
Spring loaded cement silo pressure relief valve.	Prevents over pressurizing silo beyond design limits.
Optional two-compartment silo separated by a double steel wall with channel bracing and weep holes.	Heavy duty double wall design prevents failure that could result in contamination of cement. Pressure tested at the factory.
Externally removable aeration pads.	Provides optimum cement flow. Easily serviced by removing from the exterior.
10" butterfly gates on cement silo and cement batcher. (Adjustable on batcher.)	High quality center-line valves provide high degree of reliability and ease of repair.
24", 30" and 36" wide batch belt running at 350 FPM	High speed discharge of aggregate into ready mix trucks. Sized to match required low, moderate, and high production capacity needs.
Hagan discharge hood.	Blending of aggregate, cement and water provides faster mixer loading and reduces dust emissions.
Sealed-for-life 35 degree idlers and return rollers	Name brand High Quality components for longer life and less maintenance.
Vulcanized rubber lagged head pulley and wing type self-cleaning tail pulley.	Long lasting performance.
60 to 200 ton three and four compartment aggregate bins.	Aggregate bin up to 100 tons travel on aggregate module. Over 100 ton storage adds a load of freight. (CPMB rated.)

1/4" sloping sides and 3/16" vertical sides in aggregate bin and aggregate batcher.	Places heavy duty steel plate in high wear areas.
Heavy duty wide-flange beam construction	Heavy duty structure assures minimal damage from potential impact from wheel loaders or mixer truck.
Double clam gear segmented bin and batcher discharge gates with 1" thick gear quadrants with grease fittings and 3/8" gate leaves with 1" x 3/4" stiffener bars.	Basic design assures trouble free operation and long wear life.
Steel sloping aggregate bin and aggregate batcher sides.	Directs material flow in vertical column directly above gate opening which reduces wear and increases batching speed.
Dual double clam aggregate batcher gates and air vibrator.	Provides enhanced blending of aggregates on batch belt for faster loading and mixing in transit mixers.
Rebuildable air rams throughout.	Heavy duty components can be conveniently rebuilt.
12 yard cement, aggregate and water weigh batchers.	Suspended from 4 load cells with isolators for surge protection. (CPMB rated.)



LP Series

Features of The Vince Hagan Company Basic Two-Piece Low Profile Concrete Batching Plant



Model LP12B-100/4-800

Quality And Performance

The Haganator Travel-All has an industry reputation for quality performance, design and manufacturing. Vince Hagan Company's LP series is built in the same tradition of excellence. Right down to the smallest details of conduit wiring, 4" x 10" air cylinders and manifold grouping of high quality solenoids with built-in manual override which enable continued operation of the plant if automation problems occur.



Standard Features

Overhead Aggregate Bin: 60 to 200 ton (heaped). Bin sides fold for shipment up to 100 tons. Heavy duty double clam discharge gates with 4" x 10" cylinders (2 gates per compartment).

Aggregate Weigh Batcher: 12 cubic yard batcher suspended from 4 load cells with two heavy duty double clam discharge gates, 4" x 10" air cylinders, solenoid air control valves with inching control, and air vibrator.

Overhead Gravity Cement Silo: 300 to 1200 Barrel (4 Cu. Ft./Bbl.) with 4" or 5" air fill pipe, manual pressure relief valve, piped aeration system, emergency slide gate, air operated butterfly discharge gate, atmospheric vent, material level indicator and silo ladder with safety cage. Two compartment split silo are available in 600, 800, 1000 and 1200 barrel.

Cement Weigh Batcher: 12 cubic yard batcher suspended from 4 load cells with air operated 10" butterfly discharge gate, piped aeration system, bolted inspection door, air operated vibrator, and 8" vent.

Batch Transfer Conveyor: 24", 30" and 36" belt with 35 degree idlers, vulcanized rubber lagged head pulley, self-cleaning wing type tail pulley, skirt boards, TEFC electric motor with reducer and backstop, discharge hood with concentric discharge into truck mixers, and 12'- 13.5'- 14' discharge steel clearance.

Water System: 2" or 3" electronic water meter with strainer, strand pipe, and piping to discharge hood. (Weighed water system or surge tanks optional.)

Air System: 10 to 25 HP air compressor with 80 to 120 gallon receiver, 5 HP aeration blower.

Electrical: Plant wired for 460 V/3PH/60HZ power and includes motor starters, fuses, main disconnect, NEMA enclosure, water meter counter, and wiring in EMT conduit. Electric solenoid air control valves with manual overrides. (Special local power voltage requirements available upon request as option.)

Paint: Equipment primed and finish painted with high quality epoxy primer and a two part urethane paint.

Standards & Codes: All Vince Hagan plants and components are rated and plated to meet or exceed CPMB, NRMCA, NTEP, NEC standards and UL stamped electrical panels.

Optional Items

Silo top dust collectors, Central Dust Collection Systems, Running gear assembly, Manual controls with digital read outs, Automation systems, Bin charging conveyors with turnhead or Radial stacking conveyors, Auxiliary cement/fly ash silos, Cement/fly ash screw feeders, Optional wiring, and Concrete material reclaimers. Consult factory for special options.



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