

# Save Thousands of Dollars on Delivery and Erection Costs



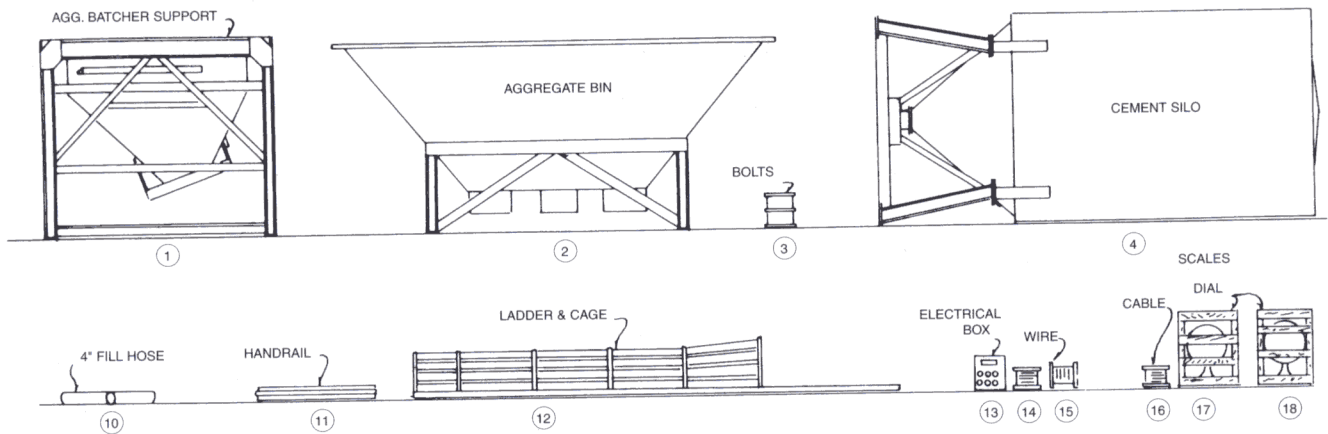
## HSM Eliminator Series Modular Stationary Batching Plants

*The first stationary low profile plant designed for fast set-up and high production with a minimum of delivery and erection costs.*

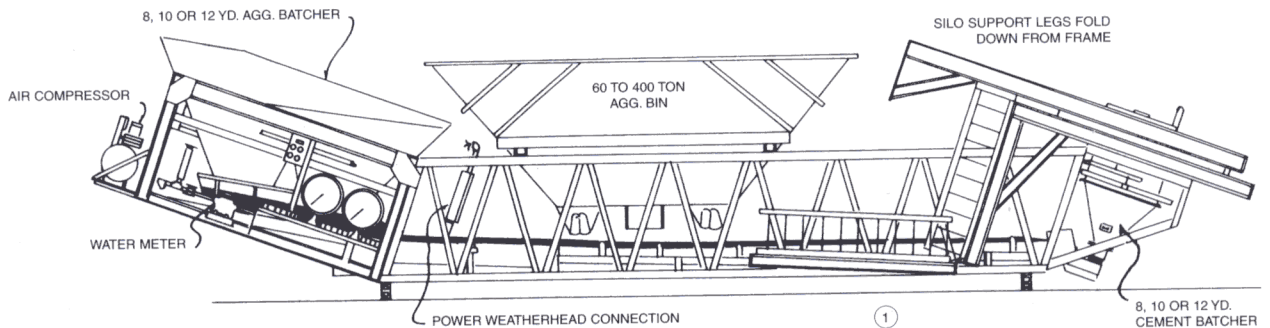
THE VINCE  HAGAN CO.

We pave the way.<sup>sm</sup>

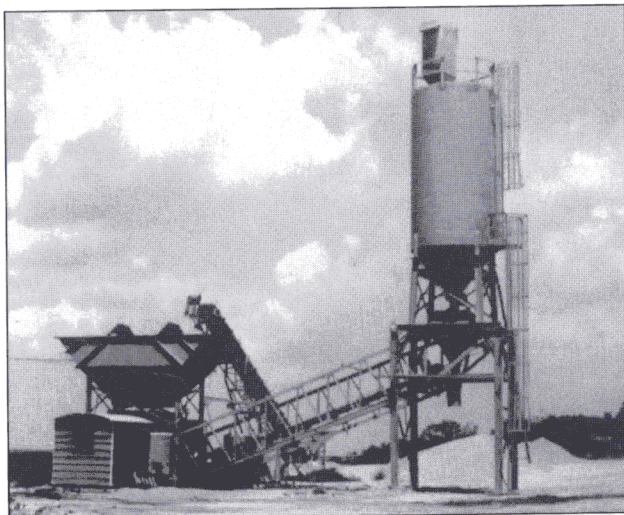
# Was your stationary modular concrete



# Vince Hagan Co. stationary concrete batch

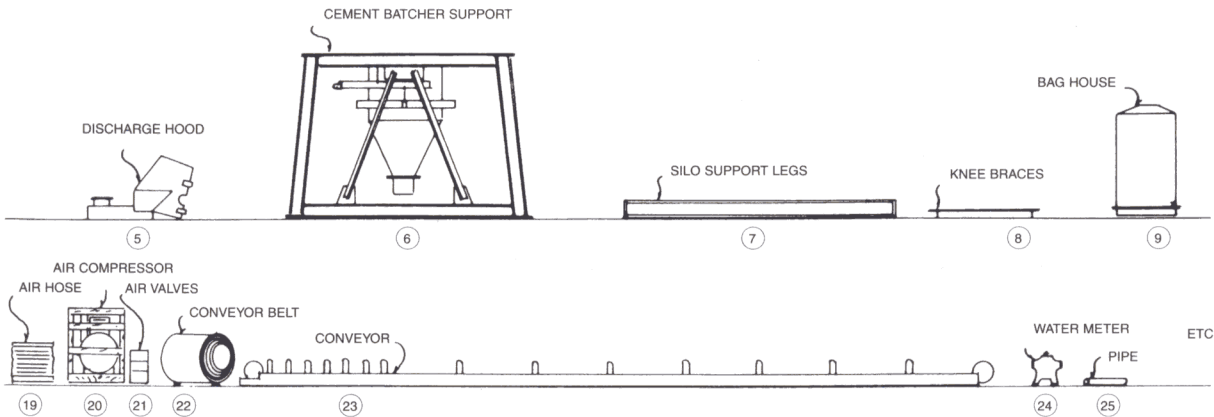


**Completely erected and operated at our factory before delivery**

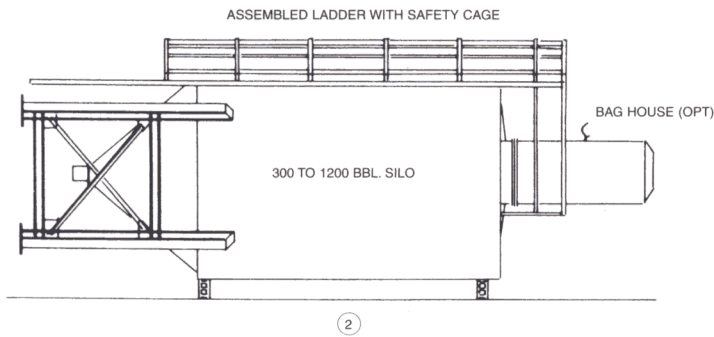


# HOW?

# batch plant delivered in 30 to 50 pieces?



# plants are delivered as two (2) modules.



This HSM stationary plant can be erected on site in two days for \$1000.00 or less. (not including concrete foundation.)

By designing one module of proper shape ① with the following equipment mounted:

- Both cement and aggregate batchers
- Electrical systems (saving electrical contract on plant \$\$\$)
- Air compressor, air valves, rams, piping, etc. (no plumbing contract on plant \$\$\$)
- Dial heads and scale systems (save installation \$\$\$)
- Water meter or batcher and piping (save more plumbing \$\$\$)
- Fold down silo legs, conveyor, and other necessary equipment

By designing silo ② with the following equipment mounted:

- Externally removable air pads
- Emergency slide plate
- Butterfly valve and air cylinder
- Emergency pressure relief valve
- Stub legs to fit HSM Module ① above cement batcher
- With or without OSHA equipment installed
- With or without dust collector installed

**THIS WILL SAVE \$30,000+ ON INSTALLATION COSTS!**

**THE VINCE HAGAN COMPANY**

## Cut Delivery and Erection Costs

After paying for delivery, crane time, electrical contractors, installation, and labor, erecting a stationary plant can cost \$30,000 or more.

But we designed our HSM *Eliminator* series to drastically

cut these delivery and erection costs. By designing the plant as two transportable modules with all wiring, plumbing, and equipment mounted on the truss frame, we save you tens of thousands of dollars in delivery and erection costs.

### Only Two Modules

The main module is designed with all electrical wiring in conduit to NEC, scale systems, weigh batchers, air supply with valving and piping, water meter with plumbing, batch transfer belt conveyor, and an overhead cement silo support structure. The overhead aggregate bin is carried in the truss for transportation purposes.

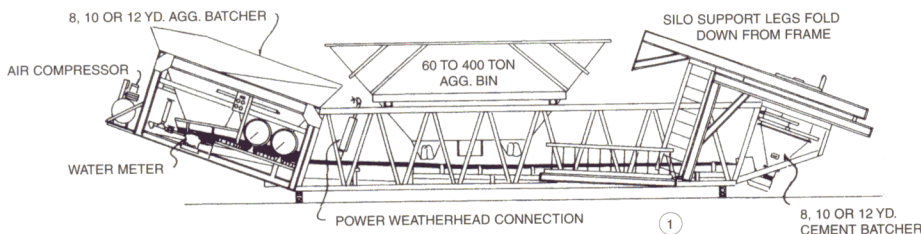
The above items are mounted to a truss frame. Erection is simple. The main module is tilted into place, and support legs for both the truss and the silo support structure swing down.

Since the electrical system is wired to National Electric Code and in conduit, there is no expensive electrical contractor to pay.

Since the entire air and water plumbing system is installed on the truss, there is no costly, time consuming piping installation.

Dial heads and scale systems are mounted with controls centrally located for one-man operation.

A 14'-6" discharge clearance (12' discharge clearance optional) eliminates the need for expensive concrete piers. Dust shrouds can be added and still allow sufficient discharge clearance without elevating the plant. A higher discharge clearance also makes future conversion to a central mix or holding hopper plant easier and less expensive.



*(Aggregate bin in-truss for transportation purposes only.)*



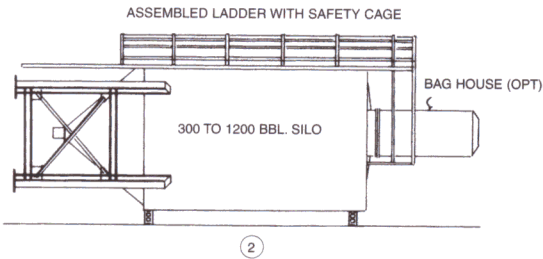
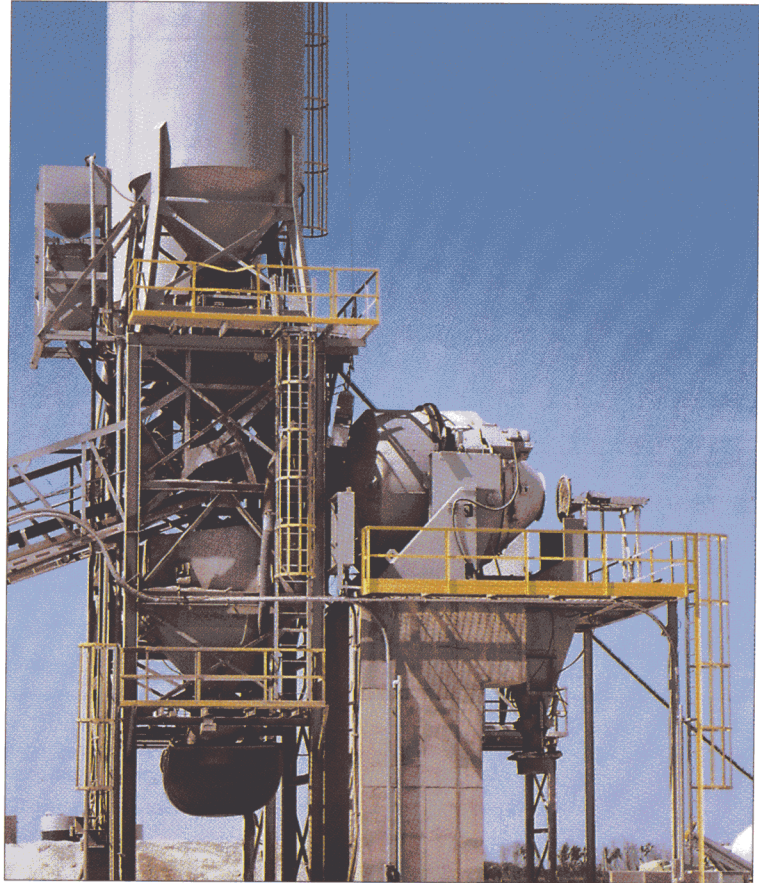
*Main HSM truss module being lifted into place.*

# Hagan HSM Eliminator Series Modular Stationary Batching Plants

## Second Module

The second module is the cement silo. It comes with emergency slide plate, butterfly discharge valve and air rams, emergency pressure relief valve, and stub legs to fit the main module's support structure.

Because the HSM is shipped as only two completely piped and wired modules, delivery costs are reduced by 1/2 to 2/3 and erection can be done in a single weekend for *up to \$30,000 less than a 30 to 50 piece stationary plant.*



*HSM Combination wet/dry concrete batching plant with 10 yard dry side holding hopper and tilting mixer.*

## We Grow With You

We know you hope to use a stationary plant for a long time. And we know you want the plant to be able to grow as your business grows.

That's why we offer options—not a lot of redesigning. By giving you choices, we can help you build a plant to meet your needs, without building up the price.

We can supply you with everything from holding hoppers to mixers to material handling

systems. If you need a particular feature, chances are we have it.

Finally, if you're not sure of how to tackle a particular problem, our skilled engineers can help you put together a plant that will meet your needs.

### ***Increase Productivity with a Minimal Investment***

When you're ready to increase your production without invest-

ing in a plant twice the size, ask about our holding hopper options.

Our holding hoppers allow you to charge your trucks while the plant is batching. The hopper holds the aggregate, cement, and water in separate compartments so you can batch while you're waiting on your trucks to charge.

This option allows you to drastically increase your production with a minimal investment.

# HSM Eliminator Series Specifications

STANDARD MODELS	HSM-10,000-A	HSM-10,000-B	HSM-10,000-C	HSM-12,000-C
CAPACITY (THEORETICAL) .....	140 YPH*	180 YPH*	200 YPH (TM)* 300 YPM (CM)**	220 YPH (TM)* 350 YPH (CM)**
Yds/Hour .....				
BATCHERS				
Aggregate .....	10 Cubic Yards	10 Cubic Yards	10 Cubic Yards	12 Cubic Yards
Cement .....	111 Cubic Feet	111 Cubic Feet	111 Cubic Feet	111 Cubic Feet
CONVEYOR .....	24" /15 HP	30" /20 HP	36" /30 HP	36" /30 HP
Tons/Hour .....	380 TPH/380 FPM	600 TPH/380 FPM	806 TPH/380 FPM	806 TPH/380 FPM
TRUSS .....	10'-0" Wide	10'-0" Wide	10'-0" Wide	10'-0" Wide
DIAL SCALES (4-point load cell available)				
Aggregate .....	36,000# x 30#	36,000# x 30#	36,000# x 30#	40,000# x 40#
Cement .....	7,200# x 6#	7,200# x 6#	7,200# x 6#	10,000# x 10#
WATER METER .....	2" Elec. Turbo	3" Elec. Turbo	3" Elec. Turbo	3" Elec. Turbo
AIR COMPRESSOR .....	5 HP/19.8 CFM	10 HP/45.0 CFM	15 HP/75.6 CFM	15 HP/75.6 CFM
Receiver Tank .....	80 Gallon	80 Gallon	120 Gallon	120 Gallon
OVERHEAD AGG. BIN .....	60 to 250 Tons up to 185 Yards	60 to 320 Tons up to 236 Yards	60 to 400 Tons up to 296 Yards	60 to 400 Tons up to 296 Yards
OVERHEAD CEM. SILO .....	300 to 1200 BBLs. up to 4959 Cu. Ft.	300 to 1200 BBLs. up to 4959 Cu. Ft.	300 to 1200 BBLs. up to 4959 Cu. Ft.	300 to 1200 BBLs. up to 4959 Cu. Ft.
ELECTRICAL .....	230 or 460V/3PH/60HZ	230 or 460V/3PH/60HZ	230 or 460V/3PH/60HZ	230 or 460V/3PH/60HZ
MOTORS .....	1750 RPM/TEFC	1750 RPM/TEFC	1750 RPM/TEFC	1750 RPM/TEFC

\*(TM) = Transit Mix    \*\*(CM) = Central Mix

OPTIONS AVAILABLE: Other sizes of water meters, water batchers, air compressors, aggregate bins, and belt sizes are available in addition to dust collection equipment, stacker feed conveyors, automation and recordation.

NOTE: All capacities are nominal and rated in accordance with CPMB rating method.

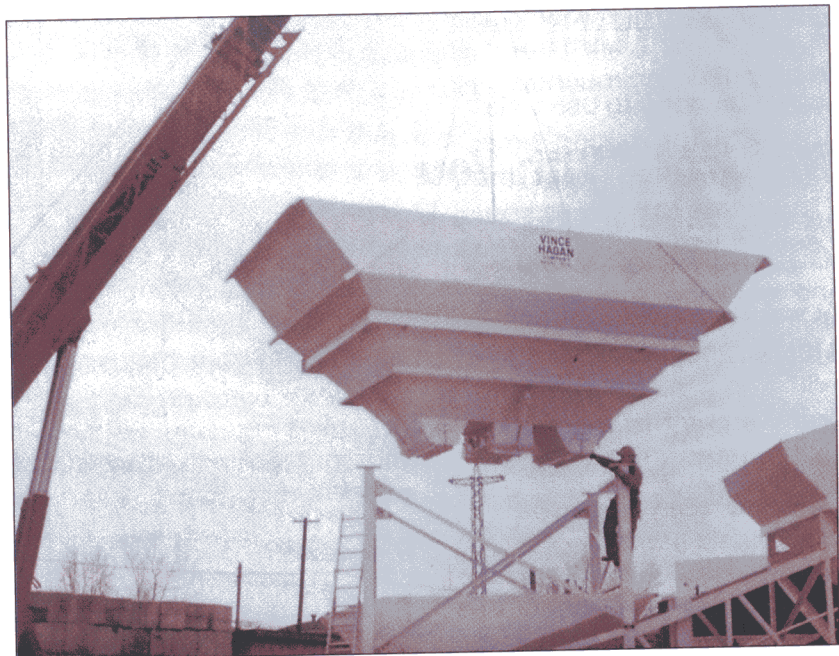
## Worry-Free Engineering

The Vince Hagan Company knows that problems won't make you money. So we build durable, easy to maintain plants that work like a contractor's or ready-mix operator's dream.

And – in the unlikely event that you do have a problem with our plant – we keep all components in easily accessible areas.

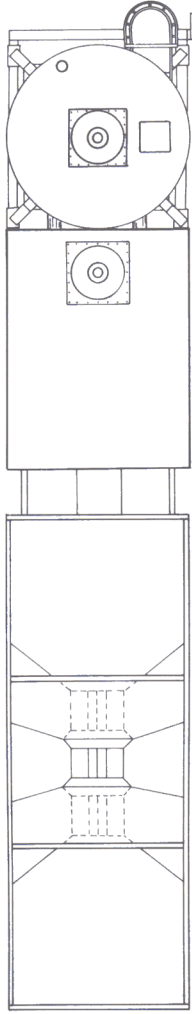
## Certified Quality

As members of the Concrete Plant Manufacturers Bureau (CPMB) of the National Ready Mix Concrete Association (NRMCA), our equipment meets or exceeds their specifications.



Aggregate bin being mounted on to main truss module.

SILO DIMENSIONS (11'-7" DIA.)	
BARRELS ONLY	OH SILO
200	40'-9 1/2"
300	44'-9 1/2"
400	48'-9 1/2"
500	52'-9 1/2"
600	56'-9 1/2"
800	63'-9 1/2"
1000	71'-9 1/2"
1200	78'-9 1/2"

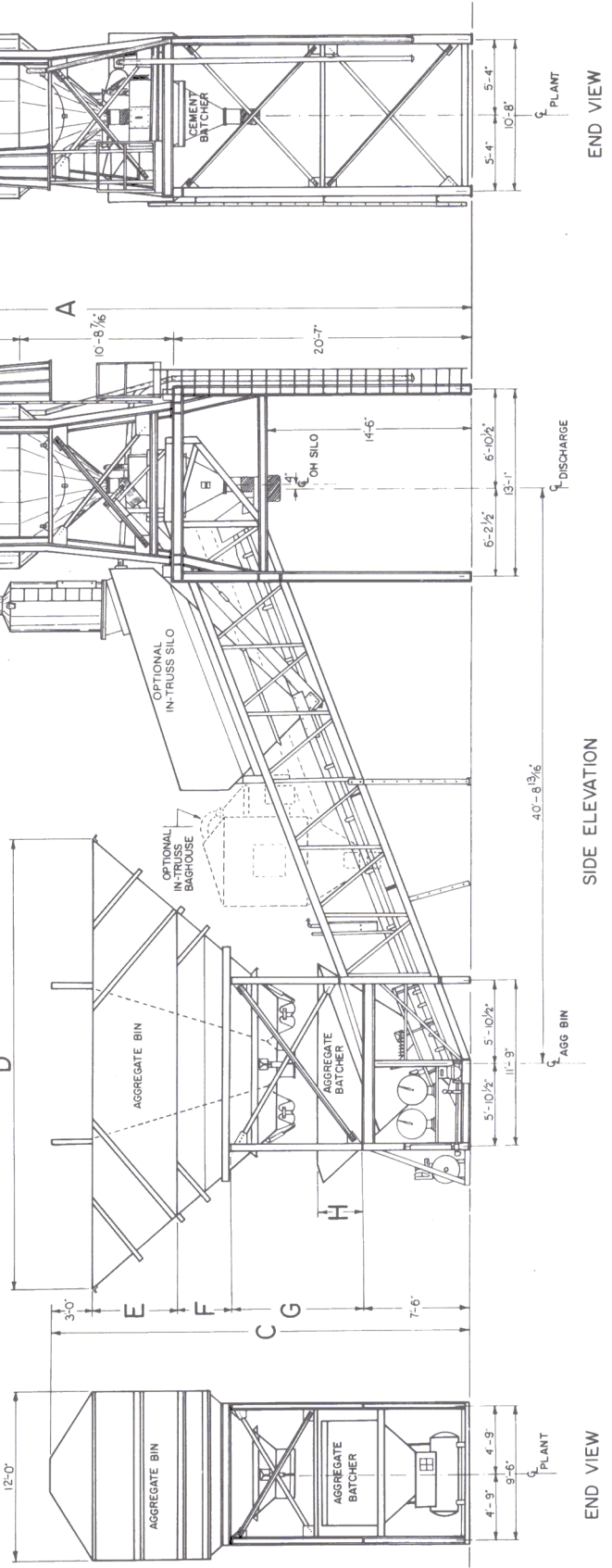


TOP VIEW

AGGREGATE BIN DIMENSIONS

AGG BATCHER SIZE (YARDS)	BIN SIZE (TONS)	DIMENSIONS									
		C	D	E	F	G	H				
8	80	22'-8 1/2"	21'-6 5/8"	-	3'-10 3/16"	8'-4 5/16"	2'-6 3/4"				
	100	23'-8 1/2"	23'-3 1/8"	2'-0"	4'-10 3/16"	8'-4 5/16"	2'-6 3/4"				
	120	24'-8 1/2"	24'-11 5/8"	3'-6"	3'-10 3/16"	8'-4 5/16"	2'-6 3/4"				
	150	26'-2 1/2"	27'-5 3/8"	5'-0"	3'-10 3/16"	8'-4 5/16"	2'-6 3/4"				
	180	27'-8 1/2"	29'-3 1/8"	6'-0"	3'-10 3/16"	8'-4 5/16"	2'-6 3/4"				
10	80	23'-3 1/2"	21'-8 5/8"	-	3'-10 3/16"	8'-11 5/16"	3'-1 3/4"				
	100	24'-3 1/2"	23'-3 1/8"	2'-0"	4'-10 3/16"	8'-11 5/16"	3'-1 3/4"				
	120	25'-3 1/2"	24'-11 5/8"	3'-6"	3'-10 3/16"	8'-11 5/16"	3'-1 3/4"				
	150	26'-9 1/2"	27'-8 5/8"	5'-0"	3'-10 3/16"	8'-11 5/16"	3'-1 3/4"				
	180	28'-3 1/2"	29'-11 1/8"	6'-0"	3'-10 3/16"	8'-11 5/16"	3'-1 3/4"				
12	80	24'-5 1/4"	21'-8 5/8"	-	3'-10 3/16"	10'-1 1/16"	3'-7 3/4"				
	100	25'-5 1/4"	23'-3 1/8"	2'-0"	4'-10 3/16"	10'-1 1/16"	3'-7 3/4"				
	120	26'-5 1/4"	24'-11 5/8"	3'-6"	3'-10 3/16"	10'-1 1/16"	3'-7 3/4"				
	150	28'-5 1/4"	27'-6 3/8"	5'-0"	3'-10 3/16"	10'-1 1/16"	3'-7 3/4"				
	180	29'-5 1/4"	29'-11 1/8"	6'-0"	3'-10 3/16"	10'-1 1/16"	3'-7 3/4"				

FOR LARGER AGGREGATE BIN SIZES CONSULT FACTORY



END VIEW

SIDE ELEVATION

END VIEW

# Save Thousands on Delivery and Erection Costs

We don't think calling a plant stationary is an excuse for making it difficult to transport or erect.

So unlike most manufacturers, who deliver their stationary concrete plants in 30 to 50 pieces, our HSM *Eliminator* (Stationary Low Profile Batching Plant) is delivered as only two modules.

Because our plant only consists of two transportable units, all HSM modules are pre-tested and pre-erected before delivery. So you can be up and operating within a weekend.



Like our mobile plants, our modular HSM plants are designed to make set-up quick and cost-effective, so you can be pouring concrete sooner without paying a lot of extra money. Remember, the sooner you can be pouring concrete, the sooner you can be making money, which is why you're in business.

Call us today for more information on how we can save you money.



## The Vince Hagan Company

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Due to our constant effort to improve our products, we reserve the right to change our designs and specifications without notice.

HSM/897/CTP