

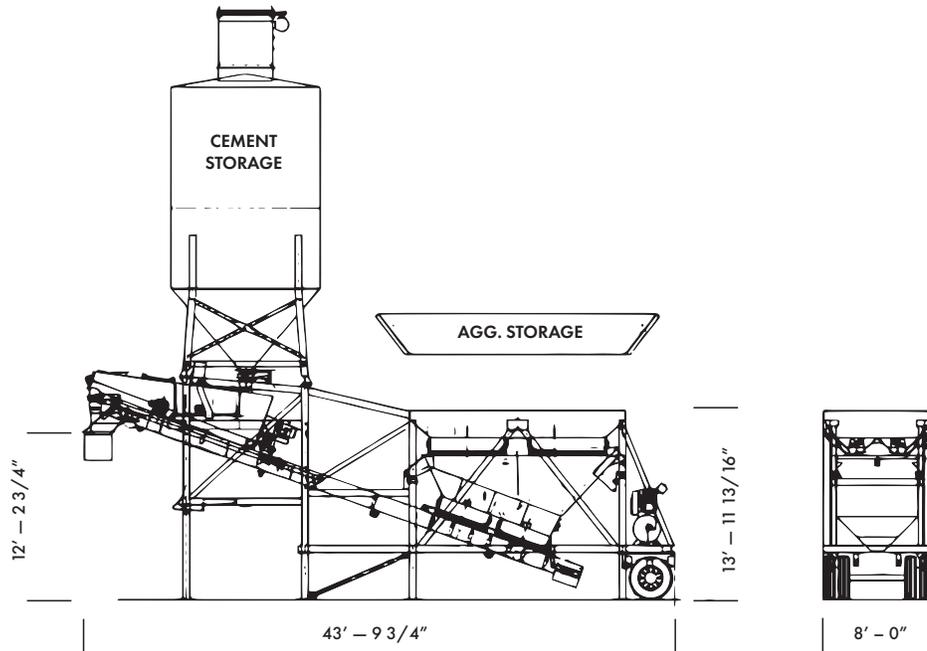
CON-E-CO ALL-PRO® SERIES  
**CONCRETE BATCH PLANT**  
**STATIONARY TRANSIT MIX**



# ALL-PRO<sup>®</sup> MODEL



5



## PRODUCTION CAPACITY:

Theoretical Cycle Time - 2.5 to 3 minutes

## BATCHER CAPACITY:

Aggregate - 1 to 6 cubic yards (1 to 4.5 cubic meters)

Cement - 1 to 6 cubic yards (1 to 4.5 cubic meters)

Scales - Direct Load Cells

## AGGREGATE DISCHARGE CONVEYOR:

24" wide (610mm), 10 horsepower drive. Optional

30" (762 mm), 15 horsepower

## CEMENT BATCHER RECIRCULATING SCREW:

12" diameter (305 mm), 10 horsepower

## CEMENT AERATION:

6.3 horsepower, high volume, low pressure blower

## HIGH PRESSURE AIR COMPRESSOR:

5 horsepower, 80 gallon (303 liter), Optional 10 horsepower

## ELECTRICAL:

460 volt, 3-phase with 120 VAC transformer for control voltage.

All motors are TEFC. All motor circuit wiring protected by individual circuit breakers. Electrical components housed in NEMA steel enclosures. Wiring in conduit.

## BATCH CONTROL SYSTEM:

Semi-automatic cut-off of cement by presets on digital readouts.

Push-Button for electric over air on gates. Optional fully automatic computerized batch control system.

## WATER SYSTEM:

3" diameter (77 mm) with up to 500 gallons (1,740 liters) per minute.

## TRANSPORTATION SYSTEM:

Rear-mounted 19,000 lb. (9,090 kg) capacity single axle with four (4) 22.5 tires, wheels, air brakes, heavy duty spring suspension, tail and brake lights, and fifth wheel rub plate with king pin.

## STORAGE BIN CAPACITIES:

### AGGREGATE HEAPED VOLUME

12 to 31 cubic yards

9 to 24 cubic meters

### CEMENT I GROSS VOLUME

1,600 cubic feet

45 cubic meters

## DIMENSIONS: (plant only, no silo)

Towing length 37'-6" (11,431 mm)

Towing height 14'-0" (4,268 mm)

Towing width 8'-0" (2,440 mm)

Empty weight, total 30,000 lbs. (13,608 kg)

## SHIPPING DIMENSIONS: (plant only, no silo)

Length 44'-0" (13,411 mm)

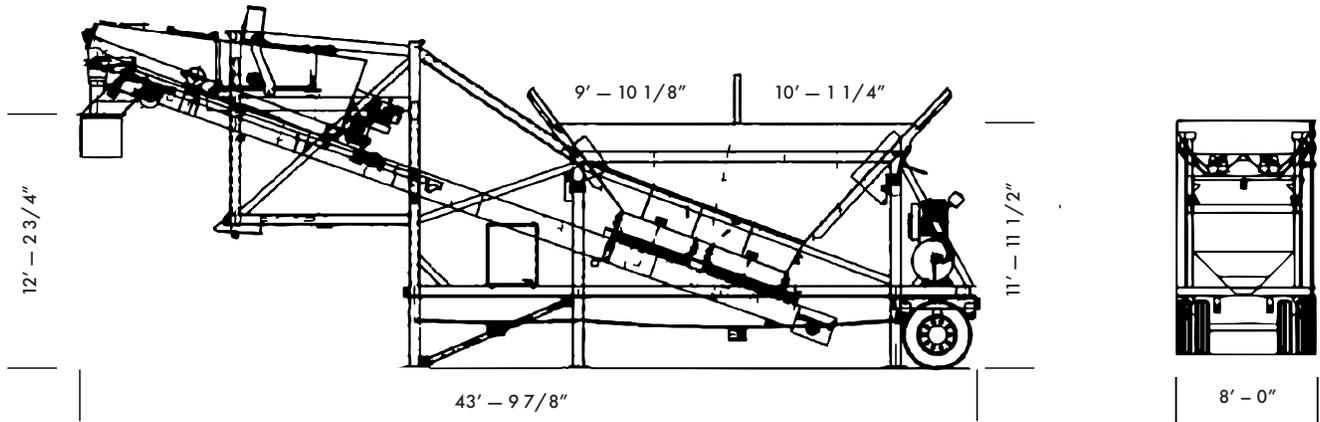
Height 14'-0" (4,268 mm)

Width 8'-0" (2,440 mm)

Shipping Volume 4,928 cubic feet (140 cubic meters)



# ALL-PRO<sup>®</sup> MODEL 5 DECUM



## PRODUCTION CAPACITY:

Theoretical Cycle Time - 2.5 to 3 minutes

## BATCHER CAPACITY:

Aggregate - 563 cubic feet (15.9 cubic meters)  
Cement - 1 to 6 cubic yards (1 to 4.5 cubic meters)  
Scales - Direct Load Cells

## AGGREGATE DISCHARGE CONVEYOR:

24" wide (610mm), 10 horsepower drive. Optional  
30" (762 mm), 15 horsepower

## CEMENT BATCHER RECIRCULATING SCREW:

12" diameter (305 mm), 10 horsepower

## CEMENT AERATION:

6.3 horsepower, high volume, low pressure blower

## HIGH PRESSURE AIR COMPRESSOR:

5 horsepower, 80 gallon (303 liter), Optional 10 horsepower

## ELECTRICAL:

460 volt, 3-phase with 120 VAC transformer for control voltage.  
All motors are TEFC. All motor circuit wiring protected by individual  
circuit breakers. Electrical components housed in NEMA steel  
enclosures. Wiring in conduit.

## BATCH CONTROL SYSTEM:

Semi-automatic cut-off of cement by presets on digital readouts.  
Push-Button for electric over air on gates. Optional fully automatic  
computerized batch control system.

## WATER SYSTEM:

3" diameter (77 mm) with up to  
500 gallons (1,740 liters) per minute.

## TRANSPORTATION SYSTEM:

Rear-mounted 19,000 lb. (9,090 kg) capacity single axle with  
four (4) 22.5 tires, wheels, air brakes, heavy duty spring suspension,  
tail and brake lights, and fifth wheel rub plate with king pin.

## STORAGE BIN CAPACITIES:

CEMENT I	GROSS VOLUME
	1,340 to 1,900 cubic feet
	37 to 53 cubic meters

## DIMENSIONS: (plant only, no silo)

Towing length	37'-6" (11,431 mm)
Towing height	14'-0" (4,268 mm)
Towing width	8'-0" (2,440 mm)
Empty weight, total	30,000 lbs. (13,608 kg)

## SHIPPING DIMENSIONS: (plant only, no silo)

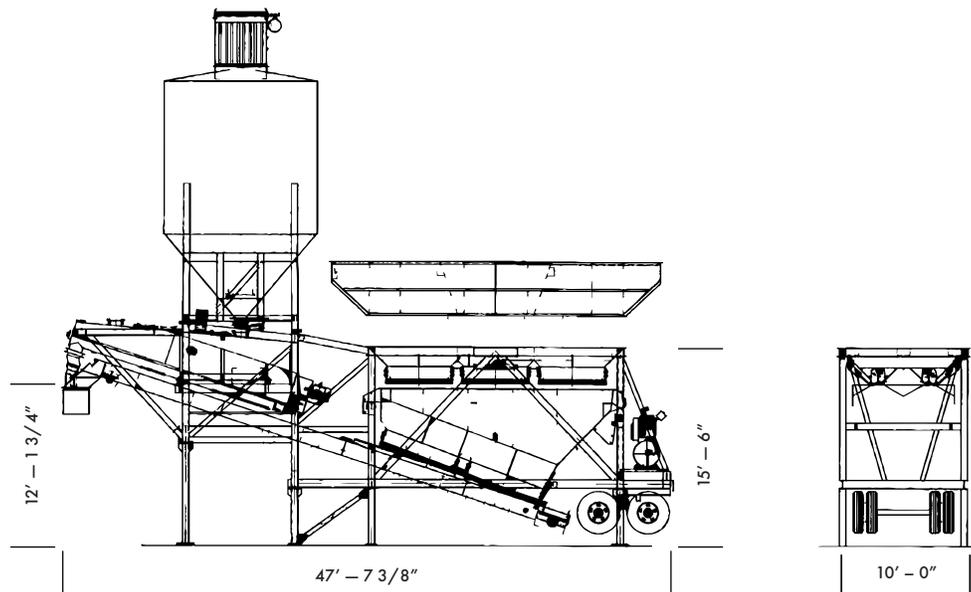
Length	44'-0" (13,411 mm)
Height	14'-0" (4,268 mm)
Width	8'-0" (2,440 mm)
Shipping Volume	4,928 cubic feet (140 cubic meters)



# ALL-PRO<sup>®</sup> MODEL



12



## PRODUCTION CAPACITY:

Theoretical Cycle Time - 2.5 to 3 minutes

## BATCHER CAPACITY:

Aggregate - 1 to 12 cubic yards (1 to 9.2 cubic meters)

Cement - 1 to 12 cubic yards (1 to 9.2 cubic meters)

Scales - Direct Load Cells

## AGGREGATE DISCHARGE CONVEYOR:

30" wide (762 mm), 10 horsepower drive.

Optional 36" (914 mm), 20 horsepower

## CEMENT BATCHER RECIRCULATING SCREW:

14" diameter (360 mm), 15 horsepower.

Optional 18" diameter (457 mm), 20 horsepower

## CEMENT AERATION:

6.3 horsepower, high volume, low pressure blower

## HIGH PRESSURE AIR COMPRESSOR:

10 horsepower, 120 gallon (0.45 cubic meters),

Optional 15 or 20 horsepower, 120 gallon (0.45 cubic meters)

## ELECTRICAL:

460 volt, 3-phase with 120 VAC transformer for control voltage.

All motors are TEFC. All motor circuit wiring protected by individual circuit breakers. Electrical components housed in NEMA steel enclosures. Wiring in conduit.

## BATCH CONTROL SYSTEM:

Semi-automatic cut-off of cement by presets on digital readouts. Push-Button for electric over air on gates. Optional fully automatic computerized batch control system.

## WATER SYSTEM:

3" diameter (77 mm) with up to 500 gallons (1,740 liters) per minute. Optional permanently mounted water weigh batcher.

## TRANSPORTATION SYSTEM: Rear-mounted 36,000 lb.

(16,330 kg) capacity tandem axle with eight (8) 22.5 tires, wheels, air brakes, heavy duty spring suspension, tail and brake lights, and fifth wheel rub plate with king pin.

## STORAGE BIN CAPACITIES:

AGGREGATE	HEAPED VOLUME
	60 to 160 cubic yards
	46 to 122 cubic meters

CEMENT I	GROSS VOLUME
	1,600 to 4,920 cubic feet
	45 to 139 cubic meters

## DIMENSIONS: (plant only, no silo)

Towing length	39'-0" (11,888 mm)
Towing height	14'-4" (4,369 mm)
Towing width	10'-0" (3,048 mm)
Empty weight, total	40,000 lbs. (18,144 kg)

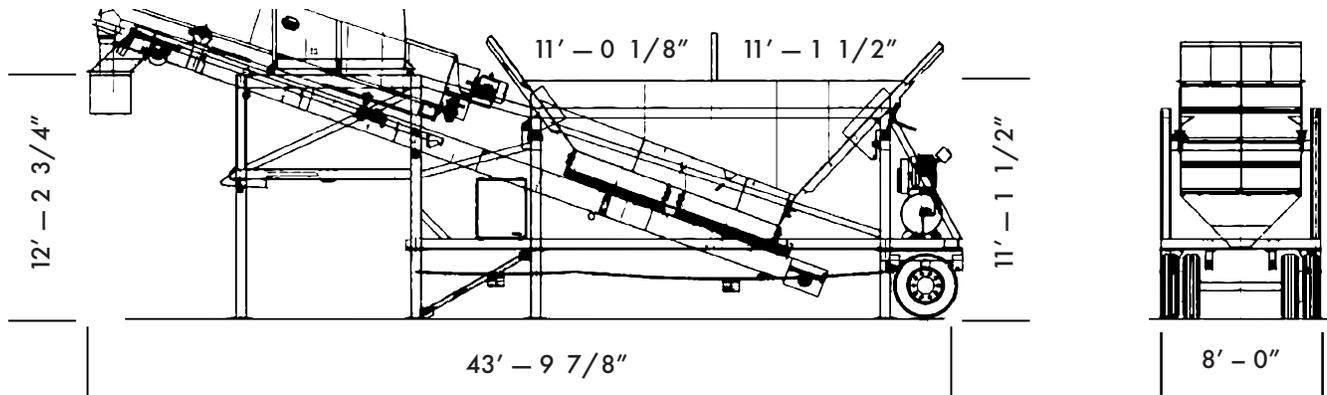
## SHIPPING DIMENSIONS: (plant only, no silo)

Length	48'-0" (14,630 mm)
Height	14'-4" (4,369 mm)
Width	10'-0" (3,048 mm)
Shipping Volume	6,878 cubic feet (195 cubic meters)



# ALL-PRO<sup>®</sup> MODEL

## 12 DECUM



### PRODUCTION CAPACITY:

Theoretical Cycle Time - 2.5 to 3 minutes

### BATCHER CAPACITY:

Aggregate - 728 cubic feet (20 cubic meters)

Cement - 1 to 12 cubic yards (1 to 9.2 cubic meters)

Scales - Direct Load Cells

### AGGREGATE DISCHARGE CONVEYOR:

24" wide (762 mm), 10 horsepower drive.

Optional 30" (762 mm), 15 horsepower

### CEMENT BATCHER RECIRCULATING SCREW:

14" diameter (360 mm), 15 horsepower.

### CEMENT AERATION:

6.3 horsepower, high volume, low pressure blower

### HIGH PRESSURE AIR COMPRESSOR:

5 horsepower, 80 gallon (227 liter), Optional 10 horsepower

### ELECTRICAL:

460 volt, 3-phase with 120 VAC transformer for control voltage.

All motors are TEFC. All motor circuit wiring protected by individual circuit breakers. Electrical components housed in NEMA steel enclosures. Wiring in conduit.

### BATCH CONTROL SYSTEM:

Semi-automatic cut-off of cement by presets on digital readouts.

Push-Button for electric over air on gates. Optional fully automatic computerized batch control system.

### WATER SYSTEM:

3" diameter (77 mm) with up to 500 gallons (1,740 liters) per minute. Optional permanently mounted water weigh batcher.

### TRANSPORTATION SYSTEM:

Rear-mounted 36,000 lb. (16,330 kg) capacity tandem axle with eight (8) 22.5 tires, wheels, air brakes, heavy duty spring suspension, tail and brake lights, and fifth wheel rub plate with king pin.

### STORAGE BIN CAPACITIES:

CEMENT I	GROSS VOLUME
	1,340 to 1,900 cubic feet
	37 to 53 cubic meters

### DIMENSIONS: (plant only, no silo)

Towing length	39'-0" (11,888 mm)
Towing height	14'-4" (4,369 mm)
Towing width	10'-0" (3,048 mm)
Empty weight, total	40,000 lbs. (18,144 kg)

### SHIPPING DIMENSIONS: (plant only, no silo)

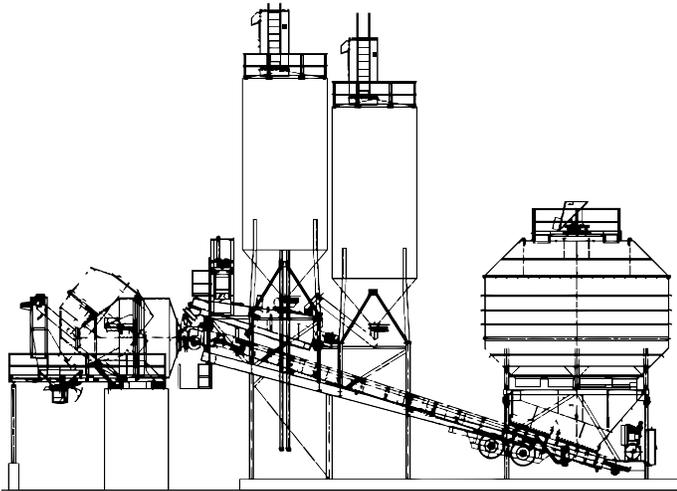
Length	48'-0" (14,630 mm)
Height	14'-4" (4,369 mm)
Width	10'-0" (3,048 mm)
Shipping Volume	6,878 cubic feet (195 cubic meters)



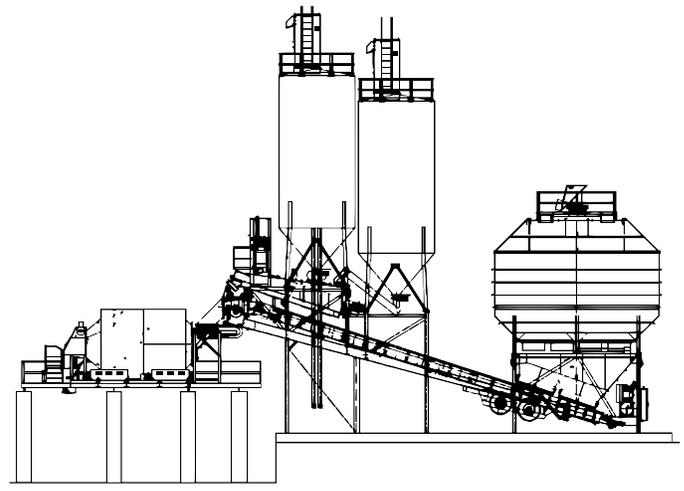
# ALL-PRO<sup>®</sup> MODEL



## 12 CM



**TILT MIXER**



**HRM MIXER**

**PRODUCTION CAPACITY:**

Theoretical Cycle Time - 1.5 to 2 minutes

**BATCHER CAPACITY:**

Aggregate - 1 to 12 cubic yards (1 to 9.2 cubic meters)

Cement - 1 to 12 cubic yards (1 to 9.2 cubic meters)

Scales - Direct Load Cells

**AGGREGATE DISCHARGE CONVEYOR:**

42" wide (1,066 mm), 60 horsepower drive. Optional 48" wide (1,219mm), 100 horsepower drive.

**CEMENT BATCHER RECIRCULATING SCREW:**

20" diameter (508 mm), 30 horsepower.

**CEMENT AERATION:**

6.3 horsepower, high volume, low pressure blower.

**HIGH PRESSURE AIR COMPRESSOR:**

20 horsepower, 120 gallon (0.45 cubic meters).

Optional 25 or 30 horsepower, 120 gallon (0.45 cubic meters).

**ELECTRICAL:**

460 volt, 3-phase with 120 VAC transformer for control voltage.

All motors are TEFC. All motor circuit wiring protected by individual circuit breakers. Electrical components housed in NEMA steel enclosures. Wiring in conduit.

**BATCH CONTROL SYSTEM:**

Semi-automatic cut-off of cement by presets on digital readouts. Push-Button for electric over air on gates. Optional fully automatic computerized batch control system.

**WATER METER:**

3" diameter (77 mm) with up to 500 gallons (1,740 liters) per minute

**TRANSPORTATION SYSTEM:**

Six (6) 315/80R 22.5 tires, wheels, air brakes, tail and brake lights, and fifth wheel rub plate with king pin.

**STORAGE BIN CAPACITIES:**

**AGGREGATE**

**HEAPED VOLUME**

60 to 140 cubic yards

46 to 107 cubic meters

**CEMENT I**

**GROSS VOLUME**

1,600 to 4,260 cubic feet

45 to 120 cubic meters

**CEMENT II**

**GROSS VOLUME**

1,600 to 4,260 cubic feet

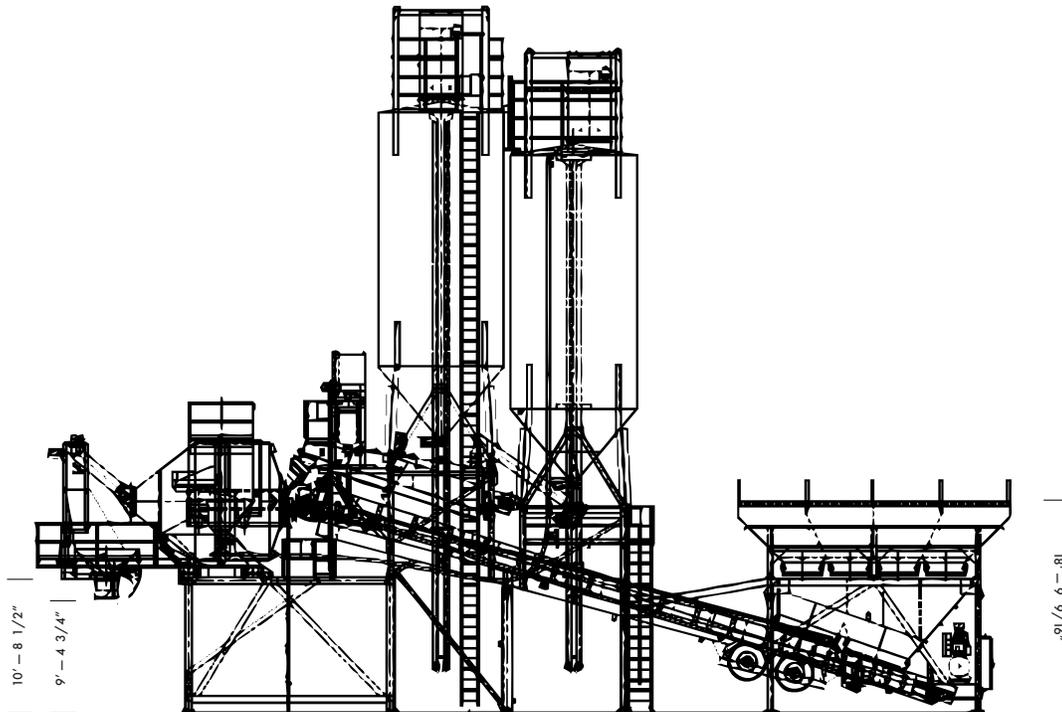
45 to 120 cubic meters



# ALL-PRO<sup>®</sup> MODEL



## Super



### PRODUCTION CAPACITY:

Theoretical Cycle Time - 1.5 to 2 minutes

### BATCHER CAPACITY:

Aggregate - 1 to 12 cubic yards (1 to 9.2 cubic meters)

Cement - 1 to 12 cubic yards (1 to 9.2 cubic meters)

Scales - Direct Load Cells

### AGGREGATE DISCHARGE CONVEYOR:

48" wide (1,219 mm), 100 horsepower drive.

### CEMENT BATCHER RECIRCULATING SCREW:

20" diameter (508 mm), 30 horsepower.

### CEMENT AERATION:

6.3 horsepower, high volume, low pressure blower.

### HIGH PRESSURE AIR COMPRESSOR:

20 horsepower, 120 gallon (0.45 cubic meters). Optional

25 or 30 horsepower, 120 gallon (0.45 cubic meters).

### ELECTRICAL:

460 volt, 3-phase with 120 VAC transformer for control voltage. All motors are TEFC. All motor circuit wiring protected by individual circuit breakers. Electrical components housed in NEMA steel enclosures. Wiring in conduit.

### BATCH CONTROL SYSTEM:

Semi-automatic cut-off of cement by presets on digital readouts. Push-Button for electric over air on gates. Optional fully automatic computerized batch control system.

### WATER METER:

3" diameter (77 mm) with up to 500 gallons (1,740 liters) per minute

### TRANSPORTATION SYSTEM:

Six (6) 315/80R 22.5 tires, wheels, air brakes, tail and brake lights, and fifth wheel rub plate with king pin.

### STORAGE BIN CAPACITIES:

AGGREGATE	HEAPED VOLUME
	60 to 100 cubic yards 46 to 76 cubic meters
CEMENT I	GROSS VOLUME
	1,600 to 2,940 cubic feet 45 to 83 cubic meters
CEMENT II	GROSS VOLUME
	1,600 to 2,940 cubic feet 45 to 83 cubic meters





**ASTEC**<sup>TM</sup>

[www.astecindustries.com](http://www.astecindustries.com)