

CON-E-CO®

An Astec Industries Company



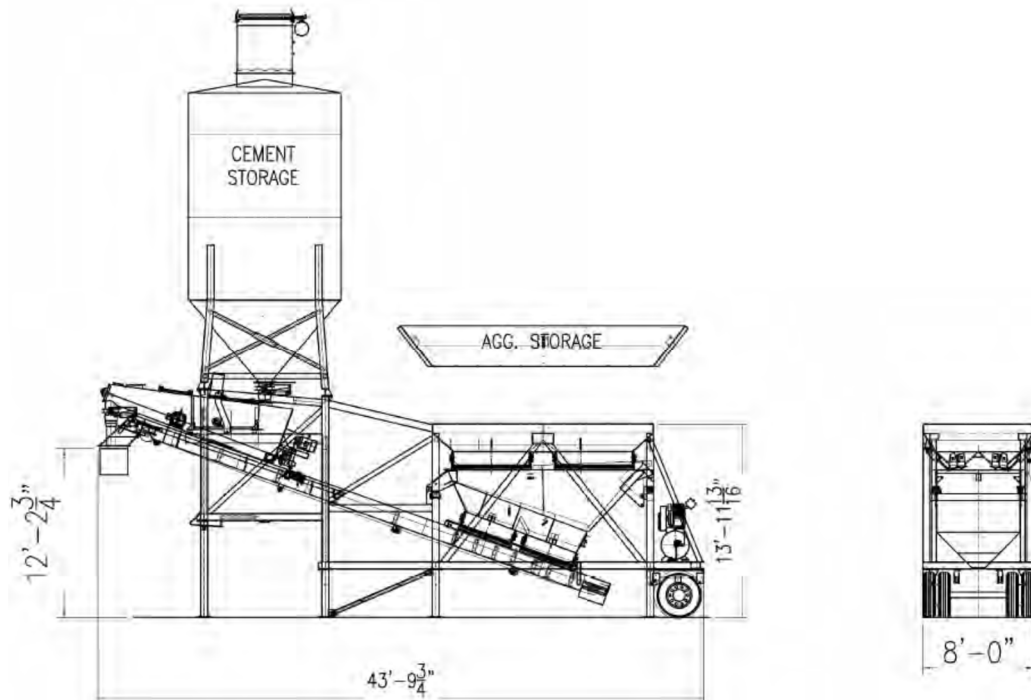
ALL-PRO®

SPECIFICATIONS

Models 5, 5 DECUM, 12, 12 DECUM, CM, SUPER

SOLID PRODUCTS. SOLID PERFORMANCE.

ALL-PRO[®] MODEL 5



SPECIFICATIONS

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 IGROSS VOLUME	
	1,600 cubic feet
	45 cubic meters

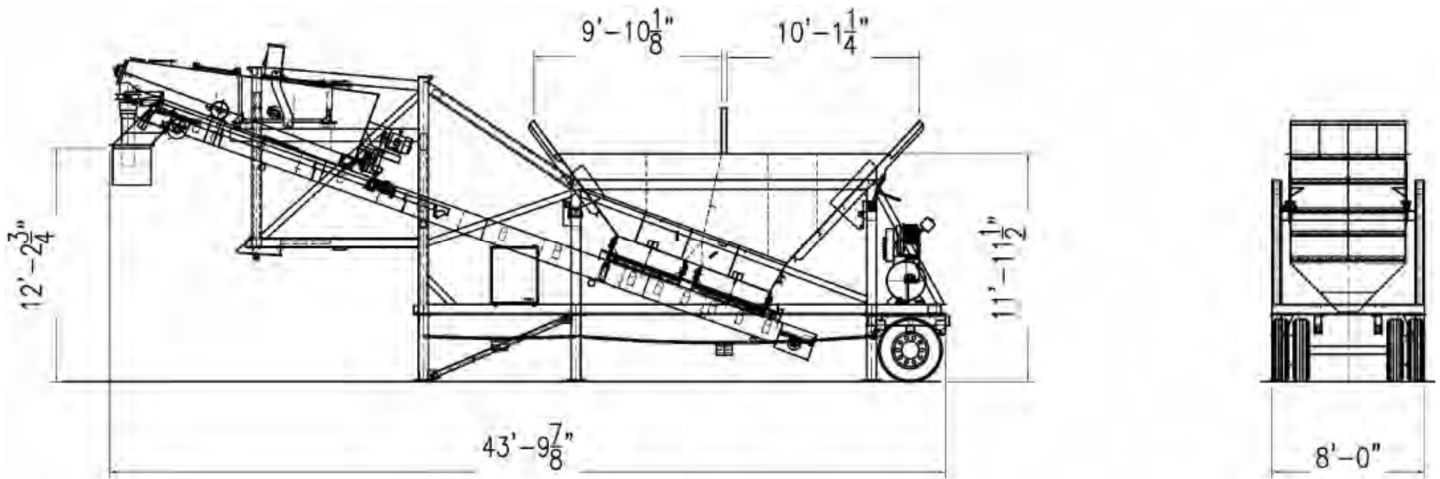
DIMENSIONS: (plant only, no silo)

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[®] 5 DECUM



SPECIFICATIONS

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 IGROSS VOLUME

1,340 to 1,900 cubic feet
37 to 53 cubic meters

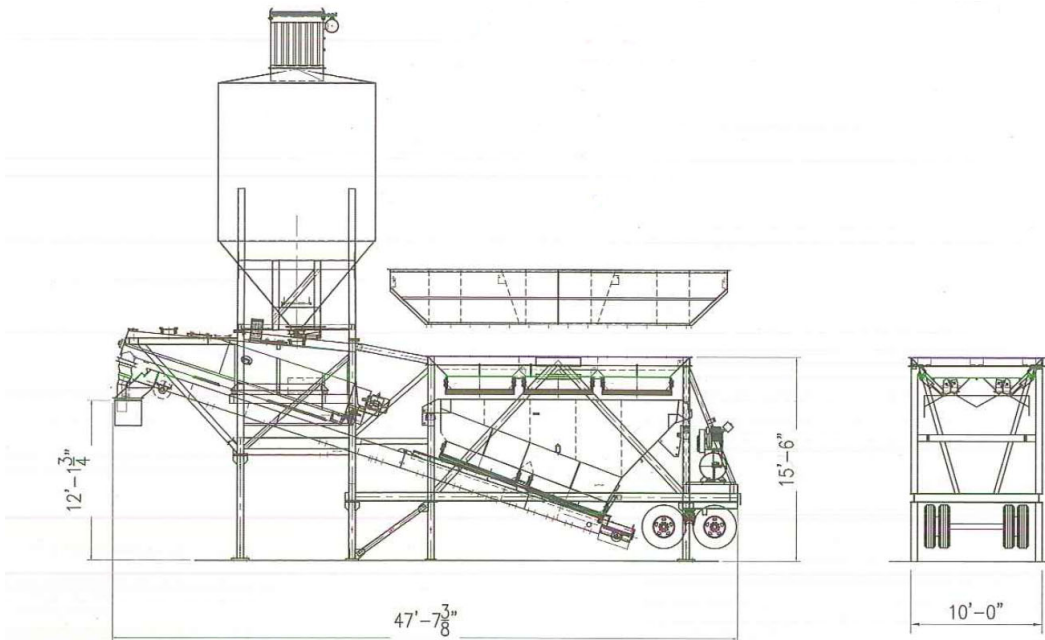
DIMENSIONS: (plant only, no silo)

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[®] MODEL 12



SPECIFICATIONS

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 IGROSS VOLUME

1,600 to 4,920 cubic feet
45 to 139 cubic meters

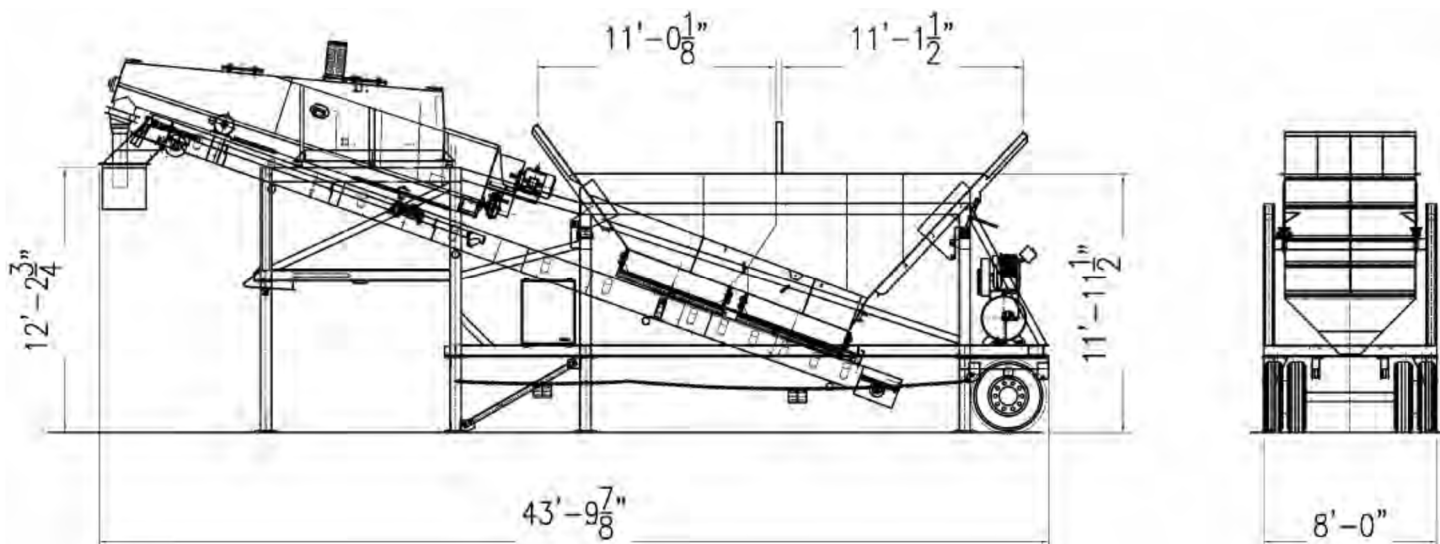
DIMENSIONS: (plant only, no silo)

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[®] 12 DECUM



SPECIFICATIONS

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 IGROSS 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)

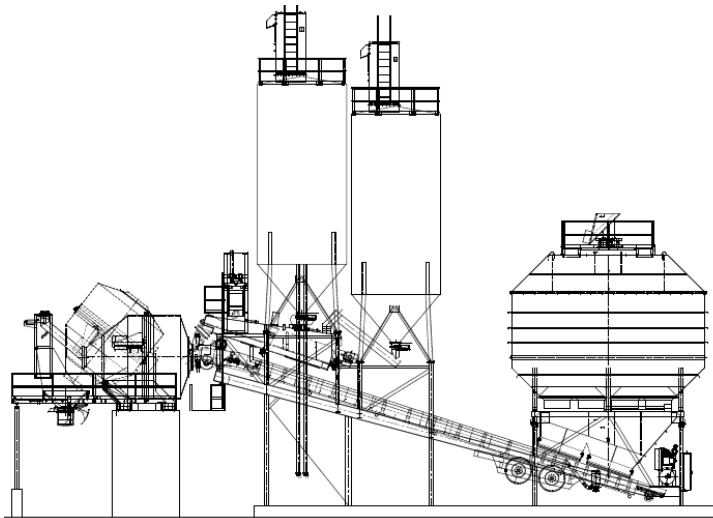
Length 48'-0" (14,630 mm)

Height 14'-4" (4,369 mm)

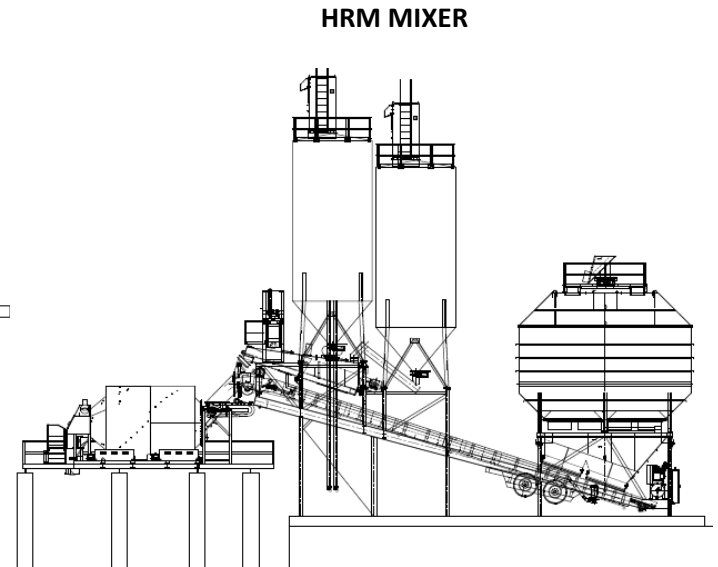
Width 10'-0" (3,048 mm)

Shipping Volume 6,878 cubic feet (195 cubic meters)

ALL-PRO® 12CM



TILT MIXER



HRM MIXER

SPECIFICATIONS

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

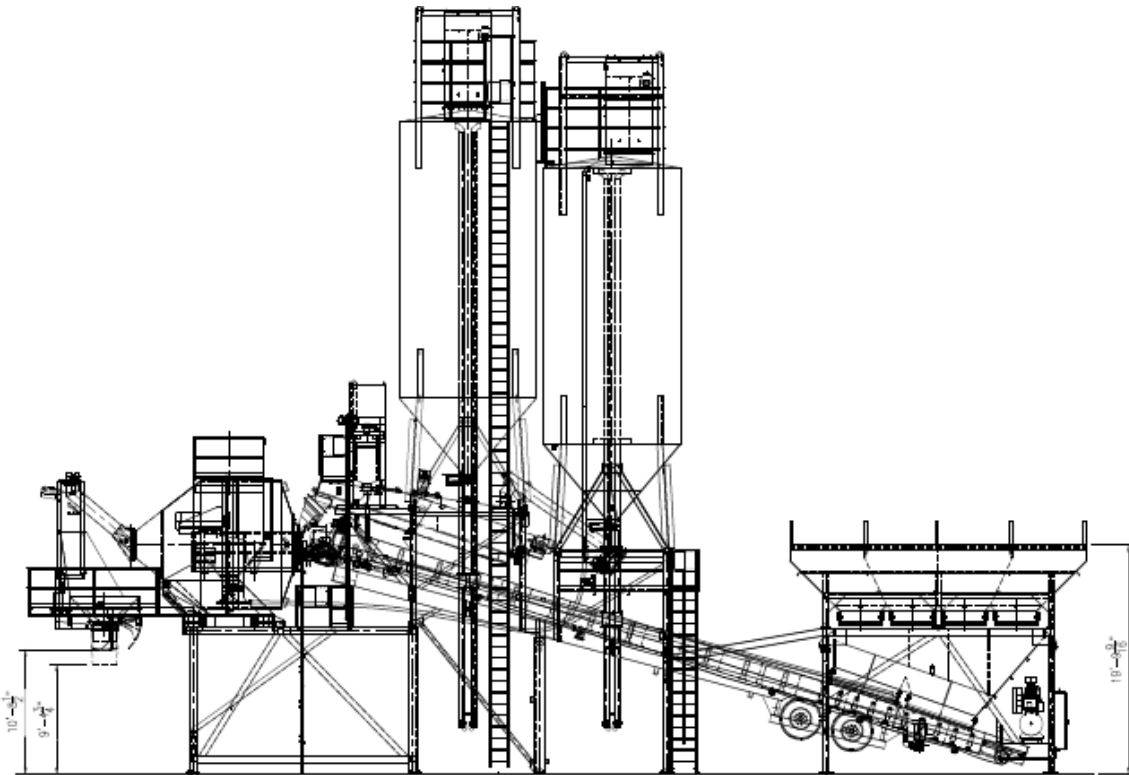
TRANSPORTATION SYSTEM:

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 IGROSS 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[®] SUPER



SPECIFICATIONS

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

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PROUD MEMBER OF



**NATIONAL
READY MIXED
CONCRETE
ASSOCIATION**

Address: 237 N. 13th street · Blair, NE 68008
Phone: (402) 426-4181
E-Mail: sales@con-e-co.com

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