

CON-E-CO®

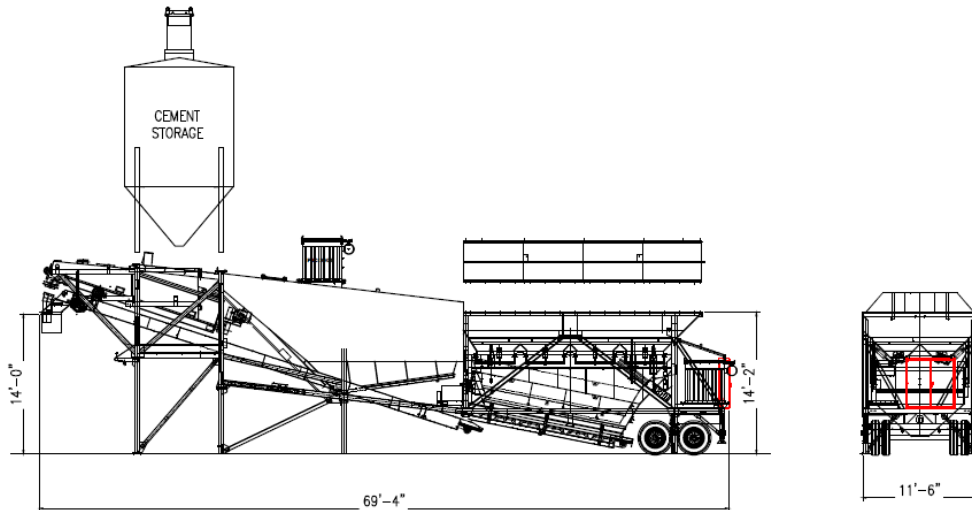
An Astec Industries Company



LO-PRO® 427

concrete batch plant

LO-PRO[®] 427



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 BATCHER CONVEYOR:

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

15 horsepower drive

AGGREGATE DISCHARGE CONVEYOR:

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

36" (914 mm), 15 horsepower

CEMENT BATCHER RECIRCULATING SCREW:

14" diameter (360 mm), 15 horsepower

Optional 18" diameter (460 mm), 20 horsepower

CEMENT FEEDER SCREWS:

Two 9" diameter (230 mm), 15 horsepower drive. Optional

12" diameter (300 mm), 20 horsepower

CEMENT AERATION:

6.3 and 6.8 horsepower, high volume, low pressure blowers.

HIGH PRESSURE AIR COMPRESSOR:

10 horsepower, 120 gallon (0.45 cubic meters). Optional 15, 20, 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:

Rear-mounted 36,000 lb. (16,330 kg) capacity tandem axle with eight (8) 295/75R 22.5 tires, wheels, air brakes heavy duty spring suspension, tail and brake lights, and fifth wheel rub plant with king pin.

STORAGE BIN CAPACITIES:

AGGREGATE	HEAPED VOLUME
	50 to 90 cubic yards
	38 to 68 cubic meters
CEMENT I GROSS VOLUME	
	1,708 cubic feet
	47.5 cubic meters
CEMENT II GROSS VOLUME	
	1,600 to 3,060 cubic feet
	45 to 85 cubic meters

DIMENSIONS:

Towing length..... 60'-0" (18,000 mm)

Towing height..... 14'-4" (4,369 mm)

Towing width..... 11'-6" (3,450 mm)

Empty weight, total..... 60,000 lbs. (22,395 kg)

SHIPPING DIMENSIONS:

Length 70'-0" (21,336 mm)

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

Width 11'-6" (3,450 mm)

Shipping Volume 11,536 cubic feet (326 cubic meters)

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