

CON-E-CO®

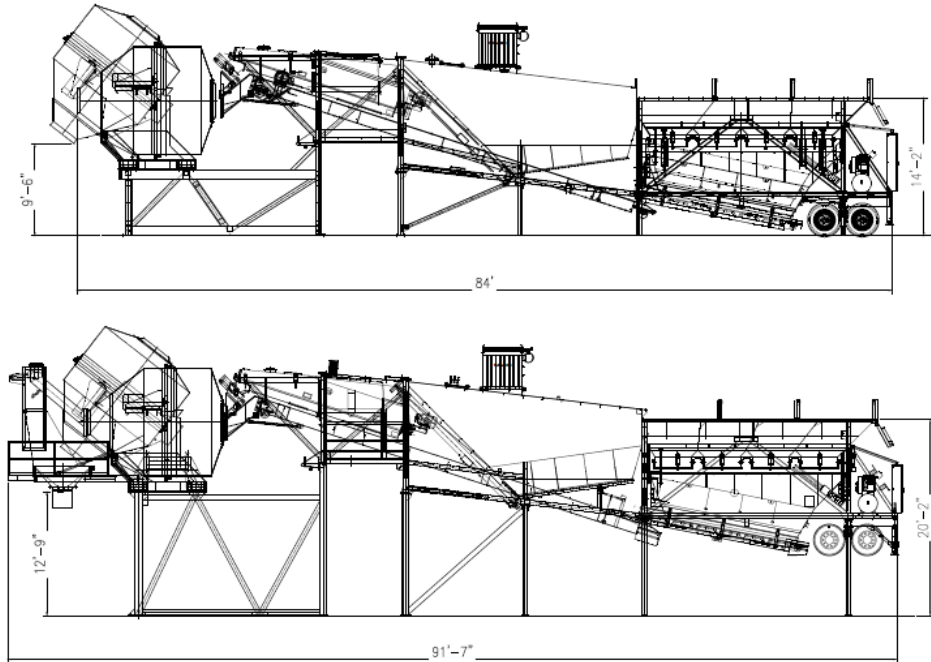
An Astec Industries Company



LO-PRO® 427CM

concrete batch plant

LO-PRO® MODEL 427CM



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:

36" wide (914 mm), 20 horsepower drive. Optional 25 horsepower drive. Optional 48" wide (1,219 mm), 40 horsepower drive.

AGGREGATE DISCHARGE CONVEYOR:

36" wide (914 mm), 40 horsepower drive. Optional 42" (1,066 mm) with dual 25 horsepower drives. Optional 48" wide (1,219 mm) with dual 40 horsepower drives.

CEMENT BATCHER RECIRCULATING SCREW:

18" diameter (460 mm), 25 horsepower. Optional 20" diameter (508 mm), 30 horsepower drive.

CEMENT FEEDER SCREWS:

Two 12" diameter (300 mm), 20 horsepower drive. Optional 14" diameter (355 mm), 40 horsepower drive.

CEMENT AERATION:

5 and 7 horsepower, high volume, low pressure blower.

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) 255/70R 22.5 tires, wheels, air brakes heavy duty spring suspension, tail and brake lights, and fifth wheel rub plant with king pin. Optional triple axle with 42" or 48" Aggregate Discharge Conveyor.

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 2,940 cubic feet
	45 to 85 cubic meters

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