

CON-E-CO®

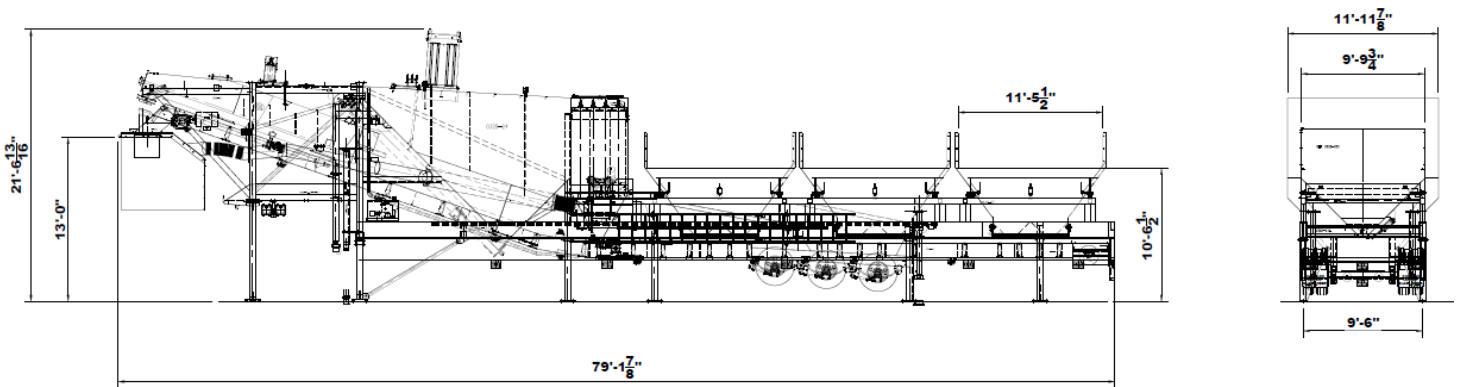
An Astec Industries Company



LO-PRO® 327D

SELF ERECTING
DECUMULATIVE CONCRETE BATCH PLANT

LO-PRO[®] 327D



SPECIFICATIONS

PRODUCTION CAPACITY:

Theoretical Cycle Time - 2.5 to 3 minutes

AGGREGATE WEIGHING BIN CAPACITY:

490 cubic feet (13.87 cubic meters)

1 to 4 weighing bins available

Scales - Direct Load Cells

CEMENT CAPACITY:

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

Scales - Direct Load Cells

AGGREGATE DISCHARGE CONVEYOR:

36" (914 mm), 15 horsepower.

CEMENT BATCHER RECIRCULATING SCREW:

14" diameter (360 mm), 15 horsepower.

CEMENT FEEDER SCREWS:

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

12" diameter (300 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. Optional plant mounted generator.

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 51,000 lb. (23,133 kg) capacity triple axle with twelve (12) 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

1,308 cubic feet

37 cubic meters

CEMENT II

GROSS VOLUME

1,408 to 2,940 cubic feet

40 to 83 cubic meters

PLANT MOUNTED DUST COLLECTION OPTIONS:

MIXER COLLECTOR PJC900

CENTRAL/MIXER COLLECTOR PJC1200

DIMENSIONS:

Towing length..... 69'-9" (21,232 mm)

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

Towing width..... 12'-0" (3,658 mm)

Empty weight, total..... 65,000 lbs. (24,948 kg)

SHIPPING DIMENSIONS:

Length 79'-2" (24,127 mm)

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

Width 12'-0" (3,658 mm)

Shipping Volume 13,162 cubic feet (385 cubic meters)

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