

CON-E-CO®

An Astec Industries Company



454L / 448L

concrete batch plant



SPECIFICATIONS

PRODUCTION CAPACITY:

Theoretical Cycle Time - 84 to 90 seconds (transit mix trucks)

Theoretical Cycle Time - 96 to 102 seconds (dump trucks)

Cycle times may vary depending on mix times

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:

54" wide (1,371 mm), Dual 75 horsepower drives for a total of 150 horsepower. Optional 48" wide (1,219 mm), Dual 50 horsepower drives for a total of 100 horsepower.

CEMENT BATCHER:

18" (457mm) diameter discharge valve

CEMENT AERATION:

5 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:

Fully automatic computerized batch control system.

WATER METER:

Water weigh batcher, 2" (454 liter) electric temper water meter, slump meter, 5,000 gallon (18,927 liter) water storage tank with plant mounted 400 g.p.m. (1,514 l.p.m.) water pump

STORAGE BIN CAPACITIES:

MOBILE AGGREGATE HEAPED VOLUME

60 to 100 cubic yards

45 to 76 cubic meters

MOBILE CEMENT I GROSS VOLUME

1,600 to 2,940 cubic feet

45 to 83 cubic meters

MOBILE CEMENT II GROSS VOLUME

1,600 to 2,940 cubic feet

45 to 83 cubic meters

CONCRETE MIXER:

12 cubic yard (9.2 cubic meters) mobile mixer. Optional dual 12 cubic yard (9.2 cubic meters) mixers

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PROUD MEMBER OF



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