

CON-E-CO®

An Astec Industries Company



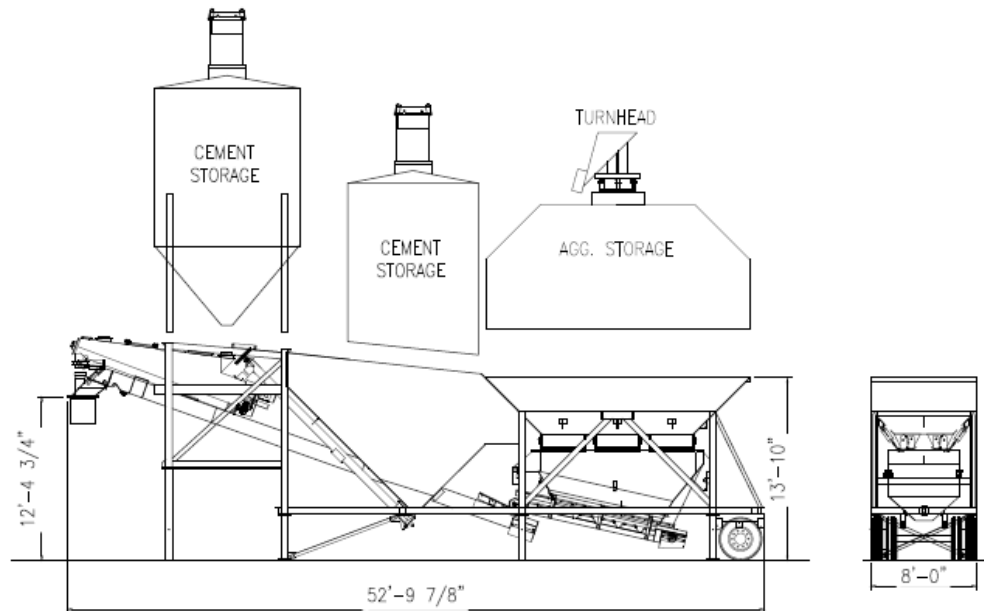
LO-PRO®

SPECIFICATIONS

Models 5, 250, 12, 12RS, 327, 327D, 327S, 327SS, 327CM, 427, 427CM

SOLID PRODUCTS. SOLID PERFORMANCE.

LO-PRO[®] MODEL 5



SPECIFICATIONS

PRODUCTION CAPACITY:

Theoretical Cycle Time - 2.5 to 3 minutes

BATCHER CAPACITY:

Aggregate - 1 to 5 cubic yards (1 to 3.8 cubic meters)

Cement - 1 to 5 cubic yards (1 to 3.8 cubic meters)

Scales - Direct Load Cells

AGGREGATE BATCHER CONVEYOR:

24" wide (610 mm), 10 horsepower drive.

AGGREGATE DISCHARGE CONVEYOR:

24" wide (610 mm), 10 horsepower drive.

CEMENT BATCHER RECIRCULATING SCREW:

12" diameter (305 mm), 10 horsepower

CEMENT FEEDER SCREWS:

Two each - 6" diameter (152 mm), 10 horsepower drive.

CEMENT AERATION:

6.3 horsepower, high volume, low pressure blower.

HIGH PRESSURE AIR COMPRESSOR:

10 horsepower, 80 gallon (0.30 cubic meters). Optional 15 horsepower, 80 gallon (0.30 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 19,000 lb. (9,090 kg) capacity single axle with four (4) 255/70R 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
	26 to 86 cubic yards
	19 to 65 cubic meters
CEMENT I GROSS VOLUME	
	716 to 2,360 cubic feet
	20 to 66 cubic meters
CEMENT II GROSS VOLUME	
	1,600 cubic feet
	45 cubic meters

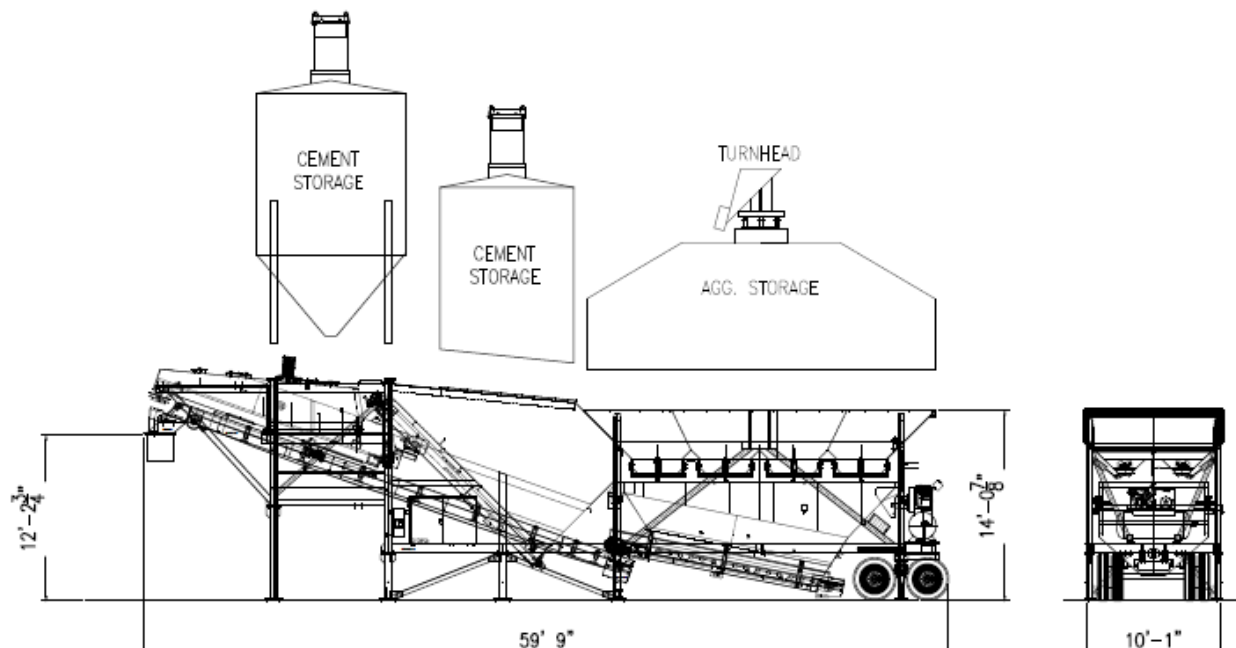
DIMENSIONS:

Towing length.....	45'-3" (13,790 mm)
Towing height.....	14'-2" (4,318 mm)
Towing width.....	8'-0" (2,440 mm)
Empty weight, total.....	37,600 lbs. (17,091 kg)

SHIPPING DIMENSIONS:

Length	54'-0" (16,460 mm)
Height	14'-2" (4,318 mm)
Width	8'-0" (2,440 mm)
Shipping Volume	6,118 cubic feet (173 cubic meters)

LO-PRO[®] MODEL 250



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), 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.

CEMENT FEEDER SCREWS:

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

12" diameter (300 mm), 20 horsepower.

CEMENT AERATION:

5 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 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 plate with king pin.

STORAGE BIN CAPACITIES:

AGGREGATE	HEAPED VOLUME
	43 to 106 cubic yards 33 to 81 cubic meters
CEMENT I	GROSS VOLUME
	1,000 to 2,100 cubic feet 28 to 59 cubic meters
CEMENT II	GROSS VOLUME
	1,600 to 2,940 cubic feet 45 to 83 cubic meters

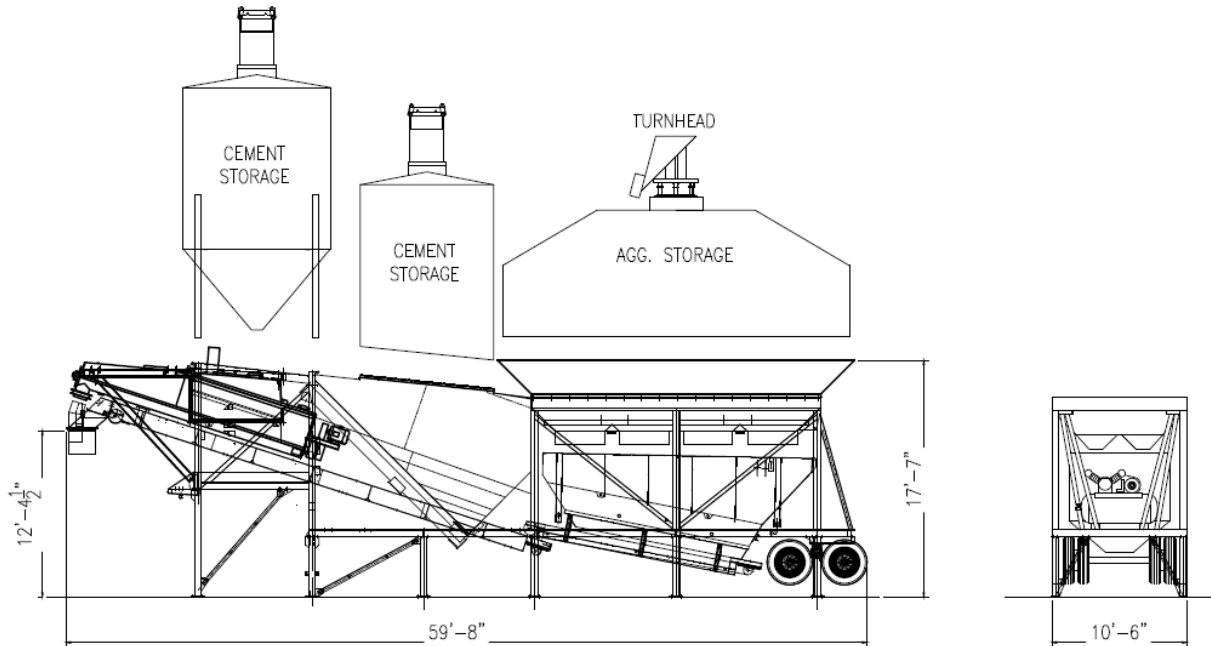
DIMENSIONS:

Towing length.....	52'-5" (15,977 mm)
Towing height.....	14'-4" (4,369 mm)
Towing width.....	10'-1" (3,073 mm)
Empty weight, total.....	60,000 lbs. (24,948 kg)

SHIPPING DIMENSIONS:

Length	61'-0" (18,593 mm)
Height	14'-4" (4,369 mm)
Width	10'-1" (3,073 mm)
Shipping Volume	8,812 cubic feet (250 cubic meters)

LO-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 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 II FEEDER SCREW:

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, 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.

STORAGE BIN CAPACITIES:

AGGREGATE	HEAPED VOLUME
	59 to 270 cubic yards
	45 to 200 cubic meters
CEMENT I GROSS VOLUME	
	940 to 2,940 cubic feet
	26 to 83 cubic meters
CEMENT II GROSS VOLUME	
	1,600 to 4,920 cubic feet
	45 to 139 cubic meters

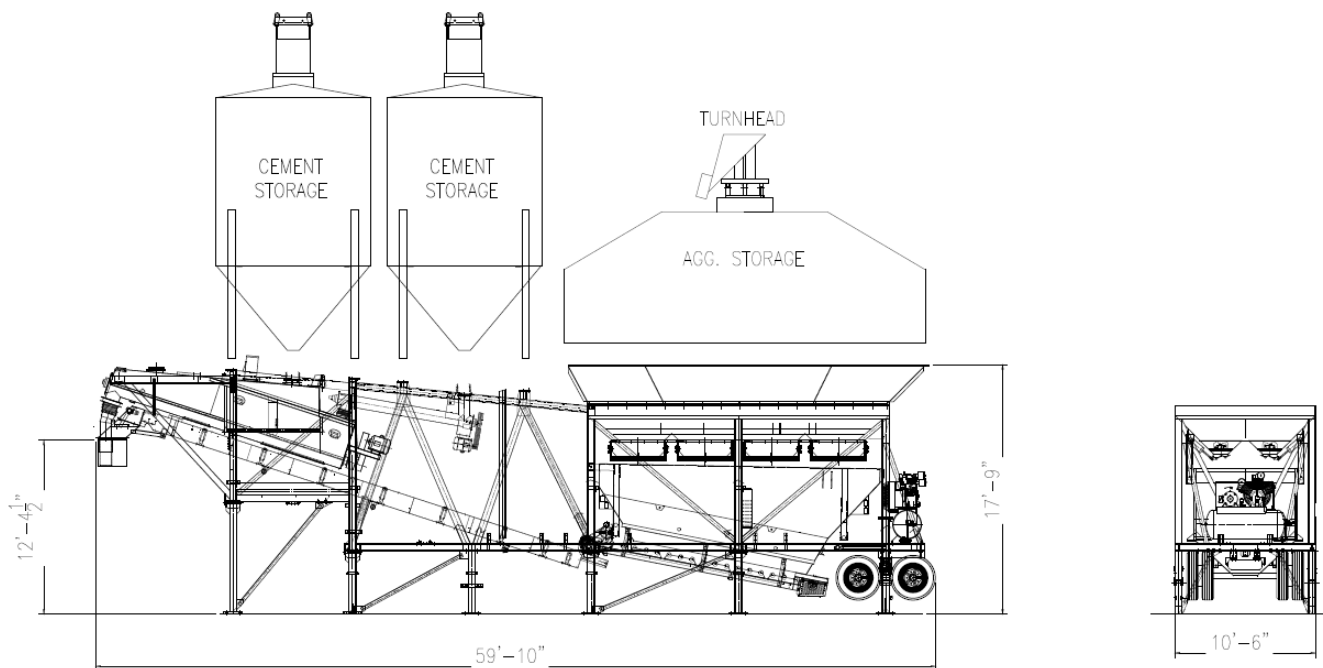
DIMENSIONS:

Towing length.....	51'-0" (15,545 mm)
Towing height.....	14'-3" (4,345 mm)
Towing width.....	10'-6" (3,200 mm)
Empty weight, total.....	44,000 lbs. (19,958 kg)

SHIPPING DIMENSIONS:

Length	61'-0" (18,593 mm)
Height	14'-3" (4,345 mm)
Width	10'-6" (3,200 mm)
Shipping Volume	9,127 cubic feet (258 cubic meters)

LO-PRO[®] MODEL 12RS



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 II FEEDER SCREW:

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

12" diameter (300 mm), 20 horsepower

CEMENT AERATION:

5 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.

STORAGE BIN CAPACITIES:

AGGREGATE	HEAPED VOLUME
	59 to 270 cubic yards
	45 to 200 cubic meters
CEMENT I	GROSS VOLUME
	1,600 to 4,920 cubic feet
	45 to 139 cubic meters
CEMENT II	GROSS VOLUME
	1,600 to 4,920 cubic feet
	45 to 139 cubic meters

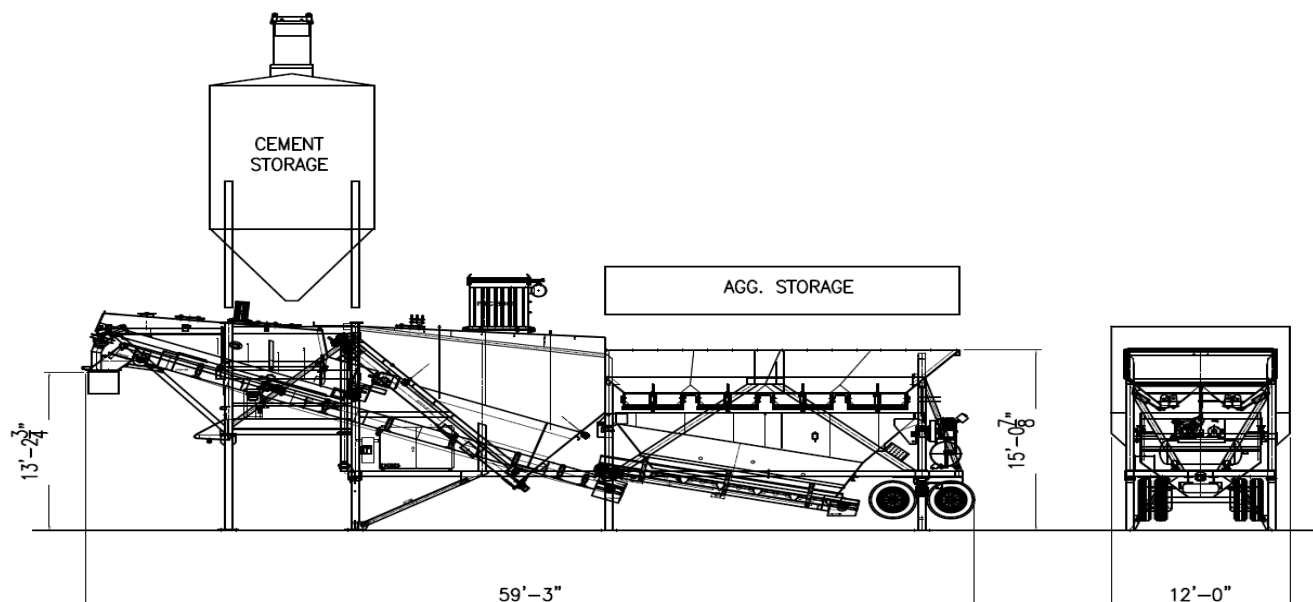
DIMENSIONS:

Towing length.....	51'-0" (15,545 mm)
Towing height.....	14'-3" (4,345 mm)
Towing width.....	10'-6" (3,200 mm)
Empty weight, total.....	44,000 lbs. (19,958 kg)

SHIPPING DIMENSIONS:

Length	61'-0" (18,593 mm)
Height	14'-3" (4,345 mm)
Width	10'-6" (3,200 mm)
Shipping Volume	9,127 cubic feet (258 cubic meters)

LO-PRO[®] MODEL 327



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), 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.

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.

OPTIONAL:

Main frame mounted central dust collector

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.

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 plate with king pin.

STORAGE BIN CAPACITIES:

AGGREGATE	HEAPED VOLUME
	43 to 80 cubic yards
	33 to 61 cubic meters
CEMENT I	GROSS VOLUME
	1,308 cubic feet
	37 cubic meters
CEMENT II	GROSS VOLUME
	1,600 to 2,940 cubic feet
	45 to 83 cubic meters

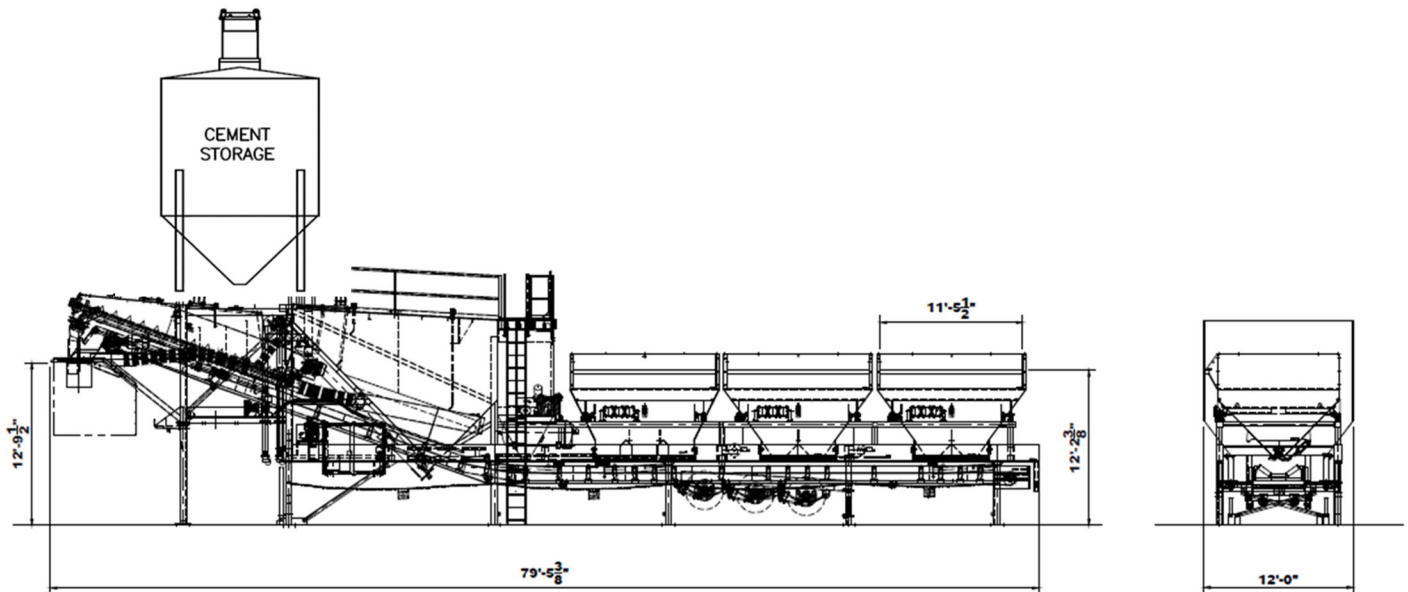
DIMENSIONS:

Towing length.....	52'-5" (15,977 mm)
Towing height.....	14'-4" (4,369 mm)
Towing width.....	12'-0" (3,658 mm)
Empty weight, total.....	60,000 lbs. (24,948 kg)

SHIPPING DIMENSIONS:

Length	61'-0" (18,593 mm)
Height	14'-4" (4,369 mm)
Width	12'-0" (3,658 mm)
Shipping Volume	10,490 cubic feet (297 cubic meters)

LO-PRO[®] MODEL 327D



SPECIFICATIONS

PRODUCTION CAPACITY:

Theoretical Cycle Time - 2.5 to 3 minutes

SELF-ERECT

Self erect plant

Optional hydraulically operated portable foundations

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) 255/70R 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/CENTRAL COLLECTOR PJC1200

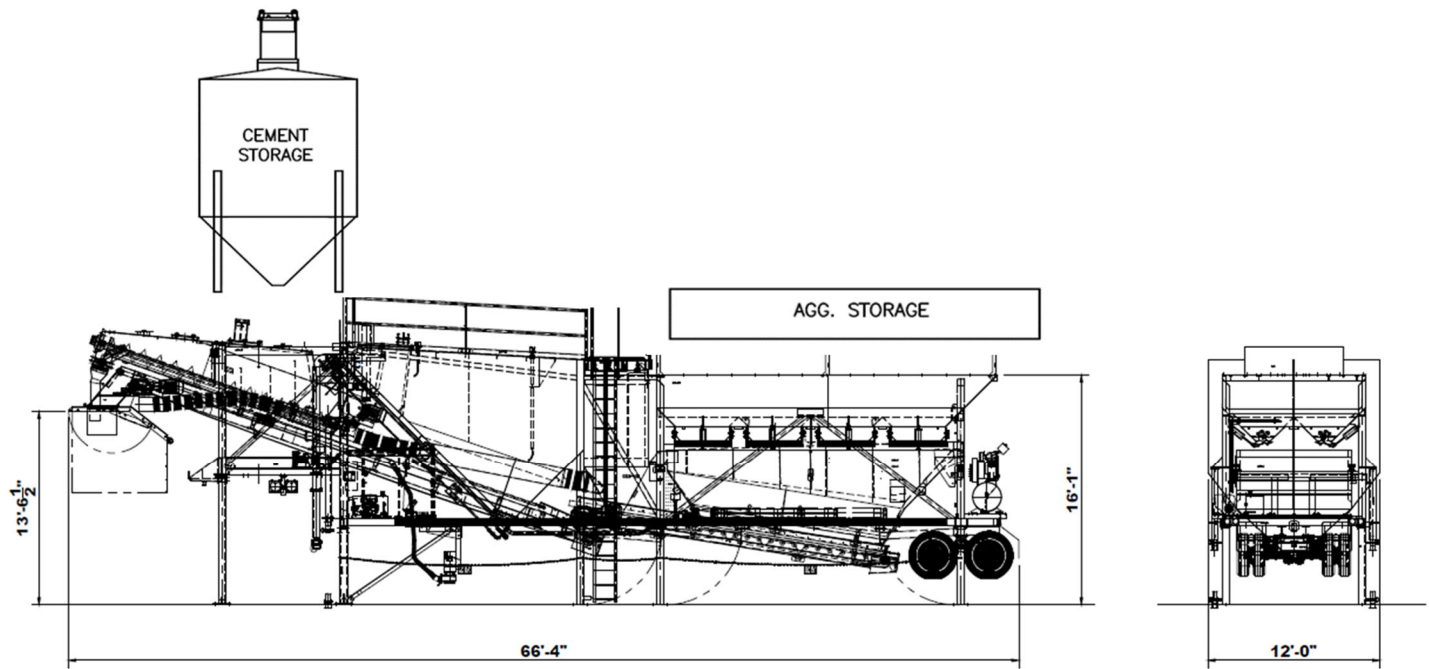
DIMENSIONS:

Towing length..... 59'-9" (18,212 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 68'-0" (20,726 mm)
Height 14'-4" (4,369 mm)
Width 12'-0" (3,658 mm)
Shipping Volume 11,693 cubic feet (331 cubic meters)

LO-PRO[®] 327S



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), 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 (457 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 horsepower, high volume, low pressure blower.

IN FRAME DUST COLLECTOR:

Mixer dust collector. Optional central dust collector

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
	43 to 80 cubic yards
	33 to 61 cubic meters
CEMENT I	GROSS VOLUME
	1,308 cubic feet
	37 cubic meters
CEMENT II	GROSS VOLUME
	1,600 to 2,940 cubic feet
	45 to 83 cubic meters

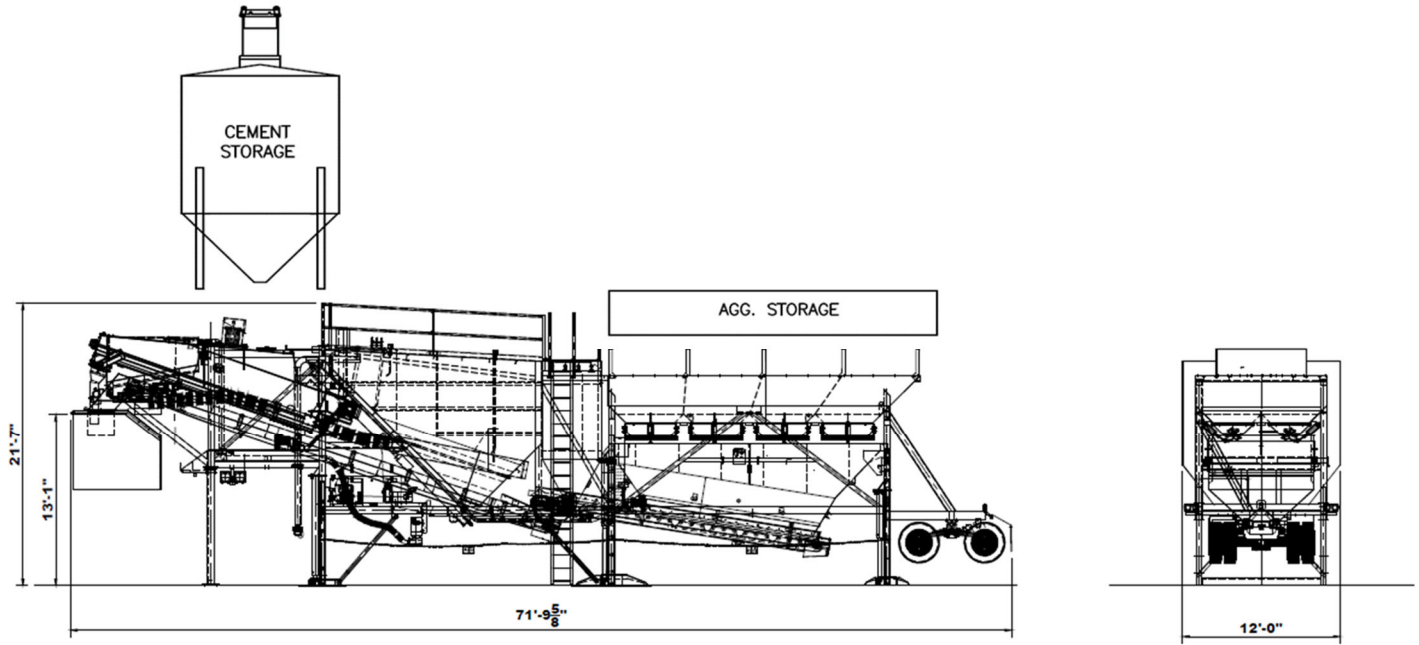
DIMENSIONS:

Towing length..... 57'-3" (15,977 mm)
 Towing height..... 14'-4" (4,369 mm)
 Towing width..... 12'-0" (3,658 mm)
 Empty weight, total..... 60,000 lbs. (24,948 kg)

SHIPPING DIMENSIONS:

Length 66'-3" (20,193 mm)
 Height 14'-4" (4,369 mm)
 Width 12'-0" (3,658 mm)
 Shipping Volume 11,392 cubic feet (323 cubic meters)

LO-PRO[®] 327SS



SPECIFICATIONS

PRODUCTION CAPACITY:

Theoretical Cycle Time - 2.5 to 3 minutes

SELF-ERECT

Self erect plant

Hydraulically operated portable foundations

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), 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

(457 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 horsepower, high volume, low pressure blower.

IN FRAME DUST COLLECTOR:

Mixer dust collector. Optional central dust collector

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
	43 to 83 cubic yards
	33 to 63 cubic meters
CEMENT I	GROSS VOLUME
	1,308 cubic feet
	37 cubic meters
CEMENT II	GROSS VOLUME
	1,600 to 2,940 cubic feet
	45 to 83 cubic meters

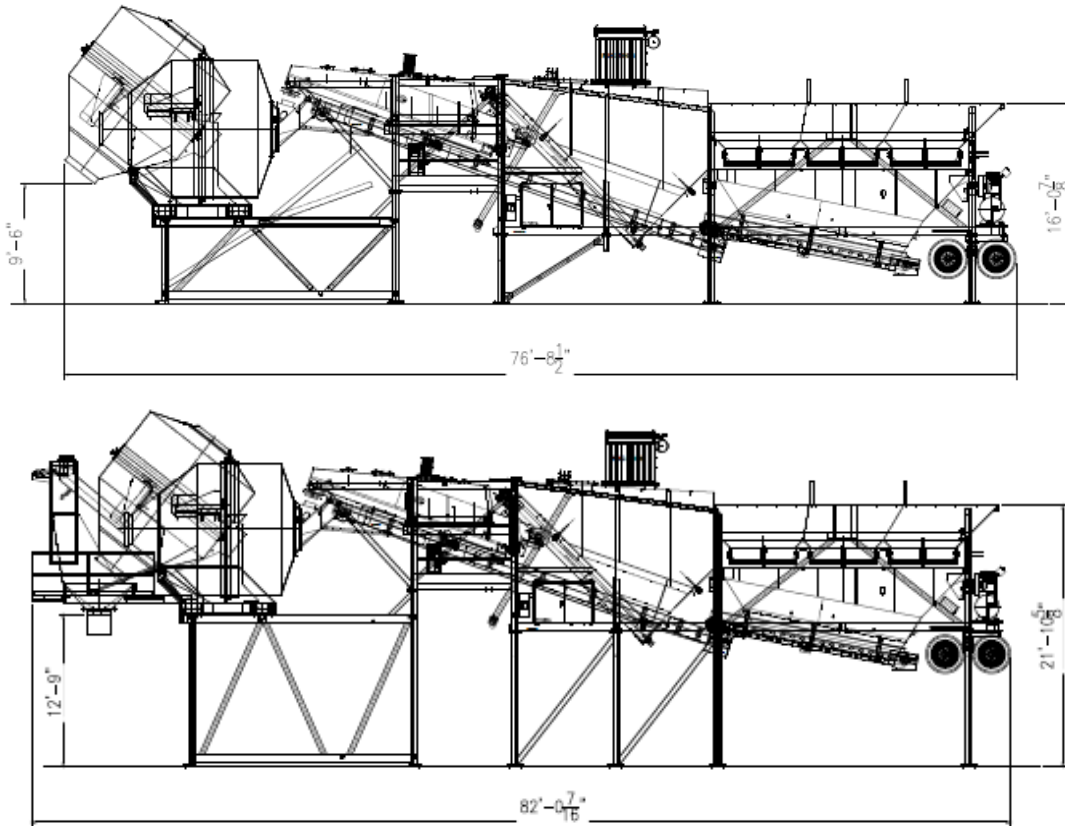
DIMENSIONS:

Towing length.....	57'-3" (15,977 mm)
Towing height.....	14'-4" (4,369 mm)
Towing width.....	12'-0" (3,658 mm)
Empty weight, total.....	70,000 lbs. (31,751 kg)

SHIPPING DIMENSIONS:

Length	78'-9" (24,003 mm)
Height	14'-4" (4,369 mm)
Width	12'-0" (3,658 mm)
Shipping Volume	13,542 cubic feet (383 cubic meters)

LO-PRO[®] MODEL 327CM



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.

AGGREGATE DISCHARGE CONVEYOR:

36" wide (914 mm), 30 horsepower drive.

CEMENT BATCHER RECIRCULATING SCREW:

18" diameter (460 mm), 25 horsepower

CEMENT FEEDER SCREWS:

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

9" diameter (228 mm), 15 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 METER:

3" diameter (77 mm) with up to 500 gallons (1,740 liters) per minute.

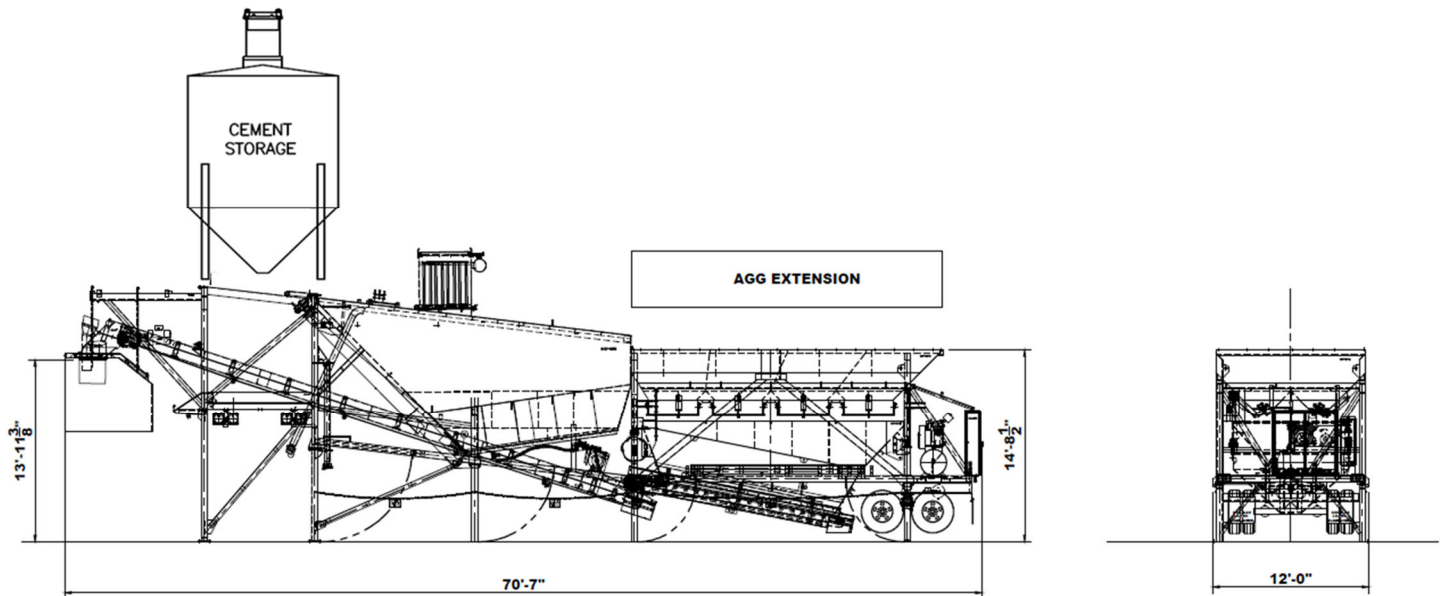
TRANSPORTATION SYSTEM:

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.

STORAGE BIN CAPACITIES:

AGGREGATE	HEAPED VOLUME
	43 to 80 cubic yards 33 to 61 cubic meters
CEMENT I	GROSS VOLUME
	1,308 cubic feet 37 cubic meters
CEMENT II	GROSS VOLUME
	1,600 to 2,940 cubic feet 45 to 64 cubic meters

LO-PRO[®] MODEL 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) 255/70R 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
	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

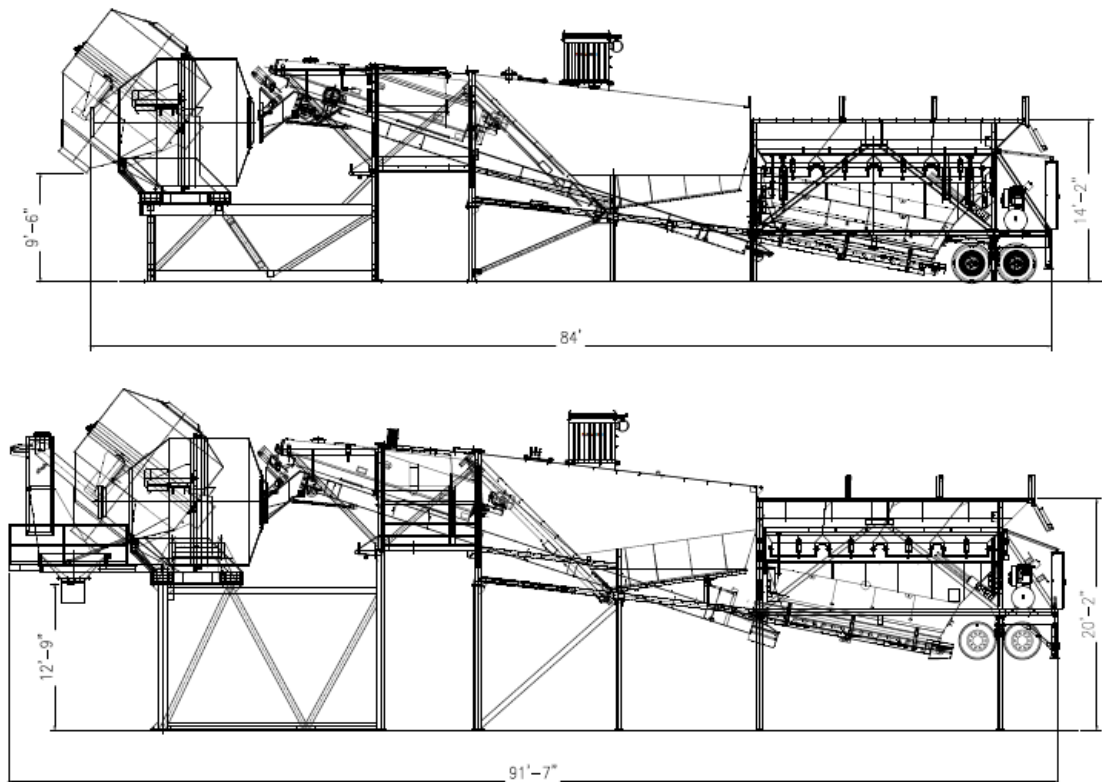
DIMENSIONS:

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)

LO-PRO[®] MODEL 427 CM



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:

6.3 and 6.8 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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CON-E-CO®
An Astec Industries Company



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PLEASE NOTE:

In accordance with CON-E-CO's policy of constantly improving its products, the preceding specifications are subject to change without notice. CON-E-CO assumes nor responsibility for foundation design. Consult factory for column loadings.

Rev. 7/20