

REXCON MODEL S  
**HIGHLY-PORTABLE CENTRAL MIX  
CONCRETE BATCH PLANT**



# REXCON Model S Highly-Portable Concrete Batch Plant

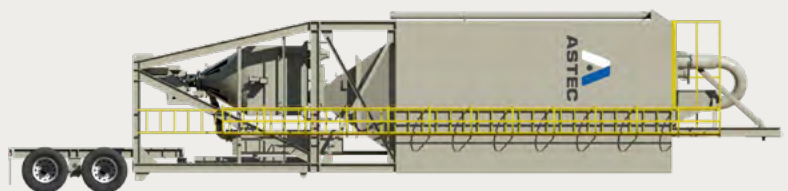
The Model S Portable Paving Batch Plant offers portability, volume production, and quality mixing. Modular designed sections are pin connected for fast installation on your jobsite. The Model S produces up to 35 loads per hour with a RexCon tilt mixer, and 55 loads per hour when also using the RexCon Horizontal Mixer.



## Trailerized for Ultimate Portability



Dimensions: 47'10" x 11'6" x 13'8"  
Weight: 22,600 Lbs



Dimensions: 54'4" x 11'6" x 13'6"  
Weight: 41,500 Lbs



**BEST COMBINATION OF PORTABILITY, VOLUME PRODUCTION,  
AND QUALITY MIXING CAPABILITY**

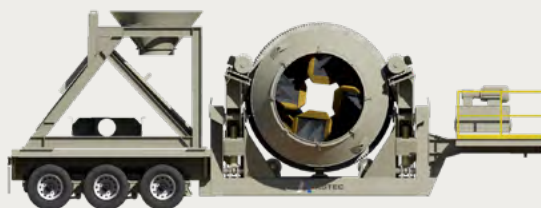
Gravity Cement and Water Batching  
 Prewired for Fast Installation  
 Trailered for Ultimate Portability

Pin Connections for Fast Erection  
 and Tear Down  
 35 Loads/Hour with Tilt Drum  
 55 Loads/Hour with added  
 Horizontal Mixer

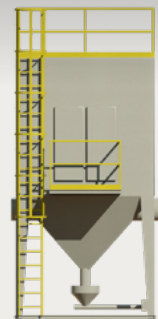
Reversible 135 Ton Aggregate Bin  
 Efficient Single Pivot Tilt Mixer Design  
 Built-In Spare Parts Interchangeability



Dimensions: 30'6" x 11' x 13'6"  
 Weight: 22,600 Lbs



Dimensions: 39' x 12' x 13'8"  
 Weight: 63,000 Lbs



Dimensions: 24'6" x 11' x 8'3"  
 Weight: 9,200 Lbs

# RexCon Model S

## PAVING CONFIGURATION



### PRODUCTIVITY

Pre-blending of materials increases production rates. Configured for high-production dump on grade applications, the plant produces up to 35 loads per hour. With the addition of the Horizontal Mixer Option the plant will produce up to 55 loads per hour.

### PORTABILITY

The commitment to quality construction enables the pin-connected, pre-plumbed, pre-wired, trailerized plant segments to be erected and disassembled quickly. Solid construction ensures that the Model S performs consistently after many plant moves.

### EFFICIENCY

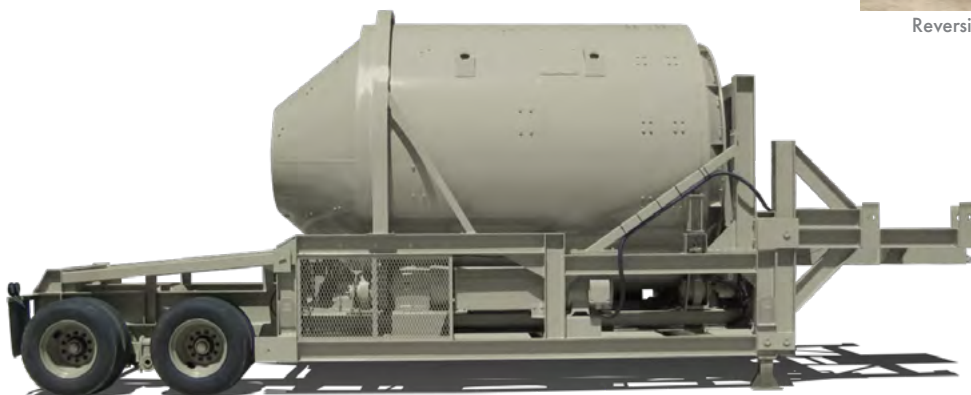
Reduce crane time and labor with the fastest erecting, high-production paving plant on the market. All trailerized modules are pin-connected for speed of erection. A single-pivot tilt mixer offers operational simplicity and reduced maintenance.



Reversible Aggregate Bin



RC3 Batch Automation Controls



Optional Horizontal Mixer

### PAVING APPLICATION OPTIONS

- Horizontal Mixer Trailer
- High-Performance Blades
- Additional Fill Pipes
- 14 yd<sup>3</sup> Drum (12L)
- 100 HP Mixer Motors

# RexCon Model S

## READY MIX CONFIGURATION

### VERSATILITY

The Model S Batch Plant can be easily converted for portable or permanent ready mix applications with the Ready Mix Conversion option, the RexCon Model S will tackle the many different daily mix designs in your job rack. Central Batching is the optimal plant for controlling slump for bridge, curb, median barrier, RCC, high-performance, and high slump structural concrete, among other quality-monitored mixes.

### ECONOMY

A central mix plant will produce more ready mix concrete consistently through improved uniformity, slump control, and faster truck loading times. Optimized material usage helps to meet your energy goals.



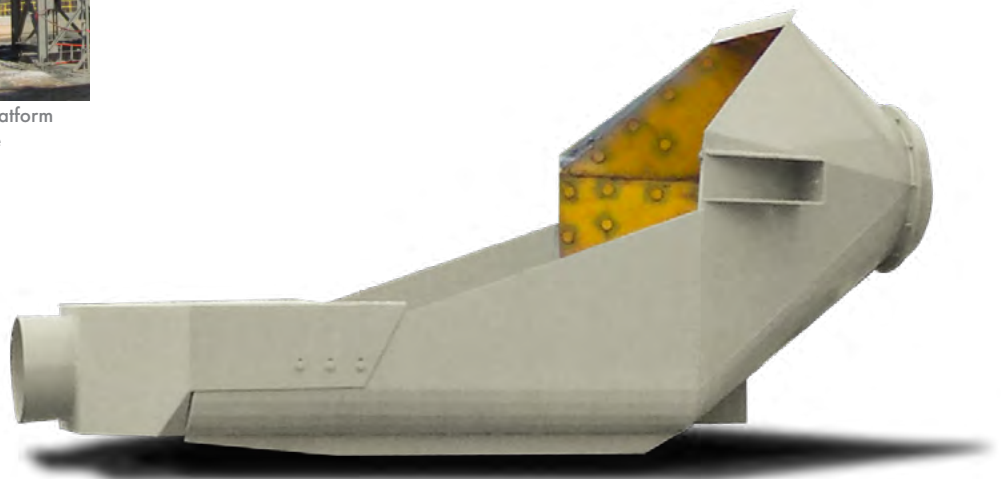
Pre-Blended Material



Mixer Maintenance Platform  
and Dump Cone

### READY MIX APPLICATION OPTIONS

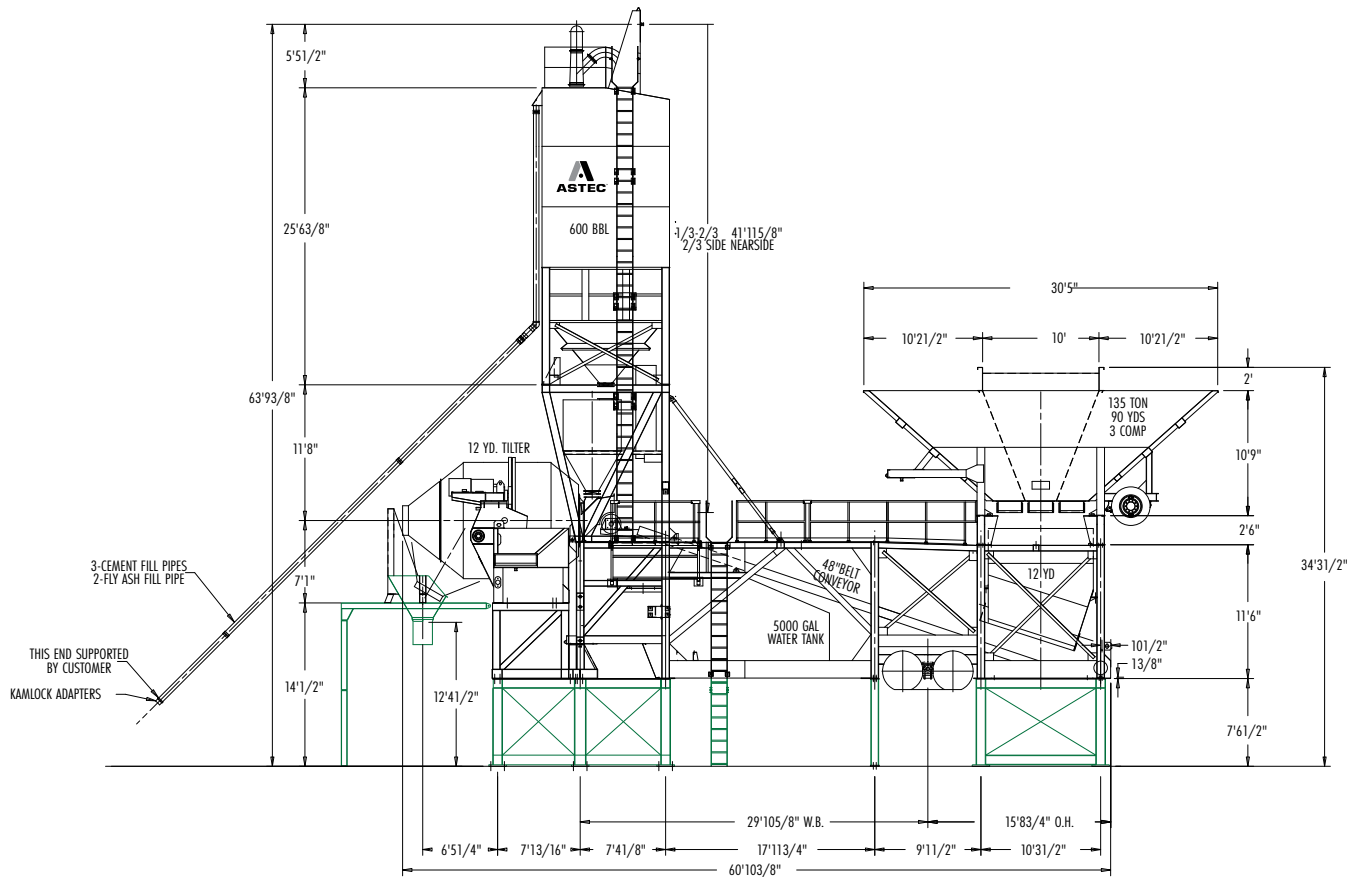
- 205 Ton Aggregate Bin & Turnhead
- Mixer Maintenance Platform
- 750 BBL Cement Silo
- Telescopic Boot
- Central Dust Collector & Shroud



Poly-Lined Dump Cone

# RexCon Model S

## HIGH-PRODUCTION PORTABLE CONCRETE BATCH PLANTS



### STANDARD PLANT SPECIFICATIONS

#### Tilt Mixer Trailer:

12 cu. yd. / 9.2 cu. m (CPMB) tilt mixer with poly lined drum, 30 HP hydraulic pac, emergency mixer tilting, and mixer stand.

#### Plant Base Trailer:

12 cu. yd. / 9.2 cu. m (CPMB) aggregate batcher with 50,000 lb. / 22,679 kg. load cells, 48" / 122 cm wide batch belt (500 FPM / 152.4 MPM), 20 HP air compressor with 120 gal. / 454.2 L tank, 3" / 7.6 cm Badger water meter, 5,000 gal. / 18,927 L water storage tank, 3 HP aeration blower.

#### Cement Section Trailer:

600 bbl., 2,400 cu. ft., 112.7 T / 68 cu. m, 102 MT (CPMB) split compartment silo with double wall, high and low bin signals, mixer charging hood, five 5" / 12.7 cm cement fill pipes, batched water holding reservoir.

#### Aggregate Bin Trailer:

90 cu. yd., 135 Ton / 68.8 cu. m, 122 MT (CPMB) reversible bin, with three (3) compartments and three (3) high level bin level signals.

#### Electrical System:

460 Volt power panel with starters.  
RexCon RC3 computer batch controls.

## PLANT OPTIONS

- Cement storage: gravity or screw-fed, single or split compartment, portable or stationary, 185 bbl to 1200 bbl
- 12L drum – longer drum produces 14 yd<sup>3</sup> loads
- Dual cement batchers
- Horizontal mixer with direct drive motors for up to 55 loads per hour
- Batch office container for automation controls & power panel
- High performance mixing system with two 100 HP motors
- High performance spiral blades for production up to 45 loads per hour
- AR steel or polyurethane liners for aggregate bin, batchers, or mixing blades
- Portable material handling, hoppers, controls, and bin signals
- Dust control systems
- Sand and aggregate screens
- 205 ton aggregate bin with automated turnhead
- Fourth aggregate bin
- Ready mix risers and dump cone





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