





# **Blend E015**

Mobile Concrete Batch Plant Advanced Data Sheet



# **Details**

Manufacturer	Blend
Model	E015
Category	Mobile Concrete Batch Plants

# **Overview**

The Blend Plant E015 revolutionizes the concrete production industry by offering a sustainable and efficient solution to concrete mixing. This innovative mobile mixing plant features separate compartments for raw materials (cement, water and aggregates), allowing for precise mixing based on specific recipes. With the capability to produce different qualities of certifiable concrete from the same load, the Blend Plant E015 ensures versatility and quality in production. Managed by a single operator, this plant is equipped with an intuitive on-board computer system for accurate weighing of cement, aggregates, and the precise dosage of additives and water, guaranteeing product quality while saving time and costs.

Designed for flexibility and ease of use, the Blend Plant E015 can be customized with a variety of sizes and optional features to meet diverse production needs. Beyond concrete, it supports the creation of cementitious mixtures, sand, mortar, and cold asphalt. Its four-wheel drive system, hydraulic transmission, and assisted steering make it highly mobile and easy to operate in various conditions.

#### **Processed Materials**

Asphalt, Cement, Concrete, Sand, Water

# Recommended Use

Best For	On si	te m	ixing for c	oncre	te, c	old as	sphalt,	, and	cen	nenti	itiou	s mixtures / additive:	3
	Great	t for	shotcrete,	self le	eveli	ing flo	oors, p	ool, a	and	self	com	pacting applications	
							***						

Small-scale concrete production with mobile batching flexibility.



Good For	Avoiding reliance on ready mix schedules, minimum qualities, and leftovers. Urban or remote sites where transporting large quantities of concrete is impractical.
Not Built For	Very high concrete production rates.
Best Loader	Skid Steer or Loader. Silos

# **Specifications**

Up to 145 gallon			
Missing information X 7' X Missing information			
Self production			
Yes			
4			
3,725.815 lb			
36 hp			
Dry / Wet			
Up to 4.6 yd³			
18 - 45.8 yd³/h			
Diesel			
Mobile / Portable			
1.439 yd³			
Yes			
79.252 gallon			



Engine Type	27 Kw PTO
Working Size (L x W x H)	11'8.6" X 6'6.7" X 4'7"

# **Features**

- Mix accurately and directly on-site
- ✓ There is no need to wait for concrete deliveries or pay additional costs for leftover material
- ✓ Aggregates / cement weighing and consumption reading
- ✓ MONITORING SYSTEM: A system that allows remote machine management in a simple and intuitive way
- ✓ Blend mobile plants are compact, easy to lift and load
- Powered by onboard diesel or electric engine or alternatively, directly from the truck PTO

- ✓ All materials are stored in separate, onboard compartments, mixing, on the basis of the set recipe. This reduces waste and means only what is needed is used.
- ✓ Automated production
- Featuring MyBlend technology which allows you to remotely control your plant
- ✓ REMOTE ASSISTANCE: A remote assistance service for activities that can be performed remotely by the Blend specialist technician
- ✓ All E-series plants fit perfectly into a container
- ✓ ADAPTABLE: can be mounted on trucks, railway wagon or be used as stationary plants

# Add-Ons

#### Conveyor belt

Belt for product transport and unloading from the mixer, with manual horizontal swiveling, piston-controlled up/down motion, and a 155° range of action

#### Security Grills for Aggregate Hopper (GRI00)

Safety grid with a 4×4-inch mesh to prevent objects or oversized materials from entering and potentially damaging the hopper or mixer

# Continuous Weighing System for 2 Aggregates (SP02)

Features weigher rollers with load cells and software for precise weight calculations in real-time



#### Water pump

Water tank with level and connection for filling. Variable speed centrifugal water pump, flowmeter and pressure washer with about 3,30 ft of hose

#### **SILO**

Cement silo with dosing screw hydraulically driven load cells to measure loss-in-weight. Dosing range 33-617 lb/min, automatically controlled according to recipe.

# AD00 - Admixture micro dosage pump

Kit with variable speed admixture pump with flowmeter, and tank of gal. 11 complete with support frame and admixture injection into the mixer. Dosing range 0.01-0.08 gal / min, managed by the electronics according to the recipe.

#### **GN1507 - Remote control**

Remote control, complete with two batteries and battery charger on the machine, Start / Stop production buttons, belt movements and speed, mixing water correction and emergency stop

#### **Grust - Daily report printer**

Printer interfaced to the control panel to manage the printout relating to machine consumption.

#### ATTR01 - Tool box

Box and tools for the machine

# GRU ATTAC - Quick couplings for hydraulic accessories 12 or 24 V

Connections with quick hydraulic release to feed the external hydraulic components

#### **Support Subframe**

#### Lifting legs

# Blend E015



# **Frequently Asked Questions**

# What are some advantages to dry plants?

These plants are typically more cost-effective and require less maintenance than wet mix plants because they lack an on-site mixer. Instead, the dry materials—such as cement, aggregates, and admixtures—are loaded into a truck with the water. A separate truck equipped with a drum mixer is then used to mix the dry materials with water.



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