



# 45 EVO

## ADVANCED DATA SHEET

**DETAILS**

<b>Model Name</b>	45 EVO
<b>Model Title</b>	Off-road mobile onsite batching plant
<b>Category</b>	Concrete Batch Plants
<b>Type</b>	Mobile
<b>Brand</b>	Carmix

**Description**

The CARMIX 4.5 EVO is an all-wheel-drive concrete mixer with self-loading capabilities, designed for high-performance construction projects. It delivers up to 22 yd<sup>3</sup> of concrete per hour and is ideal for concrete production in confined spaces. Featuring a 1600-gallon mixing drum and a 158-gallon hydraulic damper-equipped loading bucket, it self-loads your materials to make precise mixes and concrete batches according to preset recipes. Powered by a 129 HP Perkins Turbo Diesel engine, it offers robust performance in diverse conditions with four-wheel drive and an articulated frame for stability and maneuverability. The cabin provides 360-degree visibility and ergonomic controls.

**PROCESSED MATERIALS**

- Cement
- Gravel
- Water

**RECOMMENDED USE**

<b>Best For</b>	Self production and mobile delivery of concrete onsite. On-site production in remote or hard-to-reach locations.
<b>Good For</b>	Avoiding reliance on ready mix schedules, minimum qualities, and leftovers. Projects needing precise mixing and high maneuverability with 4x4x4 drive.
<b>Not Built For</b>	Very high concrete production rates. Projects needing a fixed plant due to space or very high capacity requirements
<b>Best Loader</b>	Self loading - comes with shovel and weight scale

**KEY SPECIFICATIONS**

<b>Admixtures</b>	No
<b>Dry/Wet Mixing</b>	Wet
<b>Yards per hour</b>	Up to 22 yd <sup>3</sup> /h

**OTHER SPECIFICATIONS**

**Water tank capacity** Up to 312 gallon

**Speed** 5.6-15.5 mph

**Transport Size (L x W x H)** 19'6" X 7'6" X 13'4"

**Recomended usage** Self Production

**Max gradient** 30 %

**Batches per hour** 4

**Weight** 14,472 lb

**Tank Capacity** 34 gallon

**Engine Power** 120 hp

**Drum Capacity** 5.8 yd<sup>3</sup>

**Hydraulic tank capacity** 21 gallon

**Engine Type** Perkins diesel engine turbo, STAGE V – TIER 4F

**Working Size (L x W x H)** 25'3" X 7'6" X 13'4"



**FEATURES**

- Save money on ready mix - make your own concrete on site!
- Make more concrete in one batch: 5.8 cubic yard concrete mixing drum (1600 gallons) with double mixing screws and discharge speed independent of engine.
- Drive anywhere: 4x4 power train (4 wheel drive) with automatic hydrostatic transmission
- Save money on fuel: Operates with a remarkably low fuel consumption rate of up to 2.8 gallons per hour
- Front engine with easy maintenance access
- Ergonomic Joymix single joystick operates all main functions.
- Reversible seat with automatic inversion of hydraulic steering circuit
- Water tank 2×156 gallons, diesel 34 gallons, hydraulic oil 21 gallons.
- High quality components such as Bosch-Rexroth transmission, Danfoss hydraulic motors, Perkins Diesel Motor, and Dana Spicer axles
- Increased efficiency, 22 yd<sup>3</sup>/h with 4 batches per hour
- Self loading shovel with effective capacity per load 158 gallons, complete with hydraulic opening gate
- Slewing and hydraulically tilting chutes, 2 extra chutes included.