



# CM3500TC

## ADVANCED DATA SHEET

**DETAILS****Model Name**

CM3500TC

**Model Title**

Off road mobile batching plant

**Category**

Batching Plants

**Type**

Mobile

**Brand**

Carmix

**Description**

The Carmix 3500 TC off-road mobile batching plant features a 1,281-gallon drum equipped with an advanced "4 sensors" electronic scale, ensuring ease of use and exceptional accuracy for diverse concrete mix designs. The latest Carmix concrete mixer truck has enhanced cab comfort, prioritizing operator safety and visibility. CARMIX 3500TC can easily produce up to 4.5 cubic yards per batch and over 100 cubic yards per day of high quality and cost-effective concrete at any job-site.

**PROCESSED MATERIALS**

- Cement
- Gravel
- Water

**RECOMMENDED USE**

**Best For** Self production and mobile delivery of concrete

**Good For** Avoiding reliance on ready mix schedules, minimum qualities, and leftovers

**Not Built For** Very high concrete production rates

**Best Loader** Self loading - comes with shovel

**KEY SPECIFICATIONS**

**Speed** Working 5.6 mph / road 15.5 mph

**Admixtures** Possible

**Yards per hour** up to 3 batches/hour

**Drum Capacity** 4.5 yards

**OTHER SPECIFICATIONS**

<b>Water tank capacity</b>	211.3 gal
<b>Transport Size (L x W x H)</b>	22'8" X 10'4" X 7'9"
<b>Max gradient</b>	30% fully loaded
<b>Weight</b>	16,315 lbs
<b>Tank Capacity</b>	30.4 gal
<b>Engine Power</b>	111 hp at 2300 rpm
<b>Hydraulic tank capacity</b>	21.1 gal
<b>Engine Type</b>	Perkins 1104 D-44 TA Turbo-Diesel
<b>Working Size (L x W x H)</b>	19'2" X 10'4" X 7'9"

**FEATURES**

- 4.5 cubic yard concrete mixing drum (1280 gallons) with double mixing screws and discharge speed independent of engine.
- CONCRETE-MATE ultimate “4 sensors” electronic scale, easy to use and extra accurate for any kind of mix design with printer.
- Drum slews easily allowing pouring concrete around 4 sides on a 360° swivel
- High discharge height over 6.56 ft. on all four sides of the vehicle.
- Onboard water tanks 2 × 105 gallons. Diesel tank capacity at 30 gallons. Hydraulic oil reservoir at 21 gallons
- Front driving high visibility cab with certified ROPS-FOPS, climate control (heat/ac), easy access to controls, and unmatched operator viewing of the job site.
- Ergonomic Joymix single joystick operates all main functions.
- Self-articulated hydraulically operating shovel with more accurate loading of aggregates and cement.
- Rear engine with easy maintenance access
- High quality components such as Bosch-Rexroth transmission, Danfoss hydraulic motors, Perkins Diesel Motor, and Dana Spicer axles
- 4x4x4 power train (4 wheel drive, 4 wheel steering) with automatic hydrostatic transmission

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ADD-ONS	DESCRIPTION
<b>PROMIX in drum analysis probe</b>	In-drum probe, easy allows to analyze your concrete: slump, volume, temperature, aridity and ready-mix indicator: Your on site Lab!
<b>Additional Discharge Chute</b>	Add on chutes for cement delivery from drum (3.3 ft.)
<b>Additive Plant</b>	For putting additives in the cement mix
<b>Spare Wheel</b>	Spare wheel and tire
<b>IPOTWeb modem cloud for ConcreteMate</b>	For onboard communication and sending of data

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