



3500TC

ADVANCED DATA SHEET

DETAILS

Model Name	3500TC
Model Title	Off road mobile batching plant
Category	Concrete Batch 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. On-site concrete production in challenging or remote locations due to its 4x4x4 drive capabilities.

Good For

Avoiding reliance on ready mix schedules, minimum qualities, and leftovers. Projects requiring precise concrete mix control with advanced electronic scale and joystick controls.

Not Built For

Very high concrete production rates. Situations where static concrete batching plants would be more appropriate due to space or capacity needs.

Best Loader

Self loading - comes with shovel

KEY SPECIFICATIONS

Admixtures

Yes

Dry/Wet Mixing

Wet

Yards per hour

Up to 13.5 yd³/h

OTHER SPECIFICATIONS

Water tank capacity Up to 211 gallon

Speed 5.6-15.5 mph

Transport Size (L x W x H) 22'8" X 10'4" X 7'9"

Recomended usage Self Production

Max gradient 30 %

Batches per hour 3

Weight 16,315 lb

Tank Capacity 30.4 gallon

Engine Power 111 hp

Drum Capacity 4.5 yd³

Hydraulic tank capacity 21.1 gallon

Engine Type Perkins 1104 D-44 TA Turbo-Diesel

Working Size (L x W x H) 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.
- High quality components such as Bosch-Rexroth transmission, Danfoss hydraulic motors, Perkins Diesel Motor, and Dana Spicer axles
- High discharge height over 6.56 ft. on all four sides of the vehicle.
- Drum slews easily allowing pouring concrete around 4 sides on a 360° swivel
- 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.
- Self-articulated hydraulically operating shovel with more accurate loading of aggregates and cement.
- 4x4x4 power train (4 wheel drive, 4 wheel steering) with automatic hydrostatic transmission
- Onboard water tanks 2 × 105 gallons. Diesel tank capacity at 30 gallons. Hydraulic oil reservoir at 21 gallons
- Rear engine with easy maintenance access
- Ergonomic Joymix single joystick operates all main functions.

ADD-ONS	DESCRIPTION
Additional Discharge Chute	Add on chutes for cement delivery from drum (3.2ft).
Spare Wheel	Spare wheel and tire
