

# CARMIX<sup>®</sup>

4x4 Mixers & Dumpers

## CARMIX 5.5 XL

Extra Large



EASY & ECONOMIC CONCRETE ANYWHERE



LOAD, MIX, TRANSPORT AND DISCHARGE CONCRETE WHEREVER REQUIRED



4 wheel driving all steering

## what makes CARMIX No.1

- Front driving cab to assure perfect visibility and excellent comfort to the operator.
- Self-Articulated hydraulically operating shovel for a more accurate loading of aggregates and cement.
- Discharging chute with hydraulic slewing and hydraulic tilting.
- High pressure washing pump (90 bar) for better cleaning.
- Rear engine: easy checks. Fully balanced equipment.
- Oil-bath built-in disc brakes: no maintenance at all and total reliability.
- Rich fully equipped cockpit. Ergonomic Joymix; one joystick operates all main functions.
- Over 30 years of experience on the toughest jobsites.
- CARMIX selects the best suppliers in order to assure its customers not only with top quality but also their worldwide after-sale network.
- **On request:** electronic weighing system to certify 100% quality of concrete "Load Cell" acting on the drum, display and printer in the cab.

# CARMIX 5.5 XL

The Biggest 4x4 self-loading concrete mixer in the market.

just supply the material and let  
**CARMIX**  
do the rest

## LOADING

Thanks to its unique articulated hydraulically operating shovel, CARMIX easily manages all the loading operations of the aggregates with excellent precision. The blade fitted inside the shovel permits the breaking of cement bags with no waste.

## MIXING

Once in the drum, aggregates and cement are perfectly mixed together with the self-pumped water from the twin tanks. Mixing quality and therefore concrete quality is granted by the double screw 4 mm tick. (Electronic weighing system available on request).

## DELIVERING

No place is too difficult for CARMIX. The 4 wheel drive and steering, hydrostatic transmission along with the ideal weight balance allow CARMIX to climb fully loaded over 30% gradients.

## DISCHARGING

The operator, acting the ergonomic JoyMix, pours concrete easily wherever required.



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**MIXING UNIT:** Drum Capacity 7.600 liters. Concrete output: 5,5 m<sup>3</sup> per batch.  
Double mixing screws, cover for emergency unloading. Drum rotation by hydraulic motor and planetary reducers. Mixing and discharging speed independent from r.p.m. of diesel engine. Discharging by reversing drum.

**ENGINE:** Cummins Turbo-Diesel B5.9 TAA, water-cooled, 6 cylinders.  
Maximum power 112 kW. (150 HP). Engine mounted transversal on the rear.

**TRANSMISSION:** Hydrostatic. Pump and motor are connected to the differentials through a 2 speed reducer (working and transfer). **4 wheel driving and steering.**

**SPEED:**  
Working speed from 0 to 10 km/h, road transfer from 0 to 30 km/h.

**DRIVING SEAT:**  
Front cab on side of loading shovel. ROPS-FOPS type complete with double closing door.

**HYDRAULIC SYSTEM:** Three circuits. 2 variable outlet pumps for hydrostatic transmission and drum rotation. 2 gear pumps for services. Inlet and outlet filter. Heat exchanger water/oil-air-air type.

**JOYMIX:**  
All hydraulic functions of shovel controlled by a single – fully servo controlled Joystick lever.

**LOADING SHOVEL:**  
Capacity 600 liters. Complete with hydraulic opening gate.

**CHUTE:**  
Hydraulic slewing and hydraulic tilting controlled by the cab.

**WEIGHING:**  
Electronic System. "Load Cells" acting on the drum, display and printer in the cab. **(on request)**

**WATER SYSTEM:** Self-contained. Hydraulic driven water pump, water meter.  
High pressure water pump.

**GRADIENT:**  
Fully loaded 30%.

**BRAKES:** Oil bath disc brakes inside differential axles. Twin independent circuits.  
Negative hydraulic parking brake.

**TYRES:**  
Off road industrial type 18-19,5 PR 16.

**STEERING:** Hydrostatic. 3 way steering, 4 wheel steering self-lining.  
Radius: internal mm.1800 - external mm.4000

**ELECTRIC SYSTEM:**  
12 Volt. 120 Ah battery for electric starter and road lighting. Safety battery cut-off.

**TANKS:**  
Water: 2x600 liters. Diesel: 150 liters. Hydraulic oil: 120 liters.

**CHASSIS:**  
Steel profile specially engineered for off-road operations.

**WEIGHT:**  
About Kg. 8800. Equally distributed on both axles.

**SAFETY:**  
Machine equipped with checking and block valves for maximum safety of the operator.

**CATALOGUE:** The machine is equipped with Use and Maintenance and Spare Parts Manuals according to CE regulations.

