

# CARMIX 5.5 Extra Large



**MIXING UNIT:** Drum Capacity 2,007 gallons. Concrete output: 7.2 cubic yards 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 Bosch-Rexroth, 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 7 miles/h, road transfer from 0 to 19 miles/h.



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



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



**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 level.



**LOADING SHOVEL:**  
Capacity 136 gallons. 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 (90 bar) for washing (on request).



**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. 4 wheel steering self-lining. Radius: internal 71 inches - external 157 inches



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



**TANKS:**  
Water: 2x158 gallons. Diesel: 40 gallons. Hydraulic oil: 32 gallons.



**WEIGHT:**  
About 19,400 lbs. Equally distributed on both axles.



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



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