

CARMIX 3.5 TT



MIXING UNIT: Drum Capacity 1,282 gallons. Concrete output: 4.6 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. The mixing unit is slewing hydraulic through 300° for high discharge over 6.6 ft. on the four sides of the vehicle.



ENGINE: Diesel PERKINS 1104 D-44 TA Turbo, water-cooled, 4cylinders. Rated power KW 83 (111HP) set at 2300 rpm. 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 6 miles/h, road transfer from 0 to 16 miles/h. Electric servo control.



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.



LOADING SHOVEL: Capacity 137 gallons. Complete with hydraulic opening gate.



CHUTE: Slewing and hydraulically tilting. Fitted with two pins easily detachable to increase the discharge height.



WATER SYSTEM: Self-contained. Hydraulic driven water pump, water meter, washing outlet. High pressure water pump (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 16/70-20 PR 14.



STEERING: Hydrostatic on 4 wheels 4x4x4. Radius: internal 67 inches, external 146 inches.



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



TANKS: Water: 2x106 gallons. Diesel: 29 gallons. Hydraulic oil: 21 gallons.



WEIGHT: About 16,204 lbs. equally distributed on both axles.



SAFETY: Carmix is equipped with checking and block valves for maximum safety of the operator. Self Control system avoids drum to slew if shovel's arm is lifted.



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