

**MIXING UNIT:** Drum Volume 5200 liters. Capacity - 4 m<sup>3</sup>/per batch. (Concrete output @ 85 to 90% of the rated capacity)  
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 270° for high discharge over 2 m. on the four sides of the vehicle.



**ENGINE:** Kirloskar Oil Ltd Model : 4R 1040 TA, BS III, Water Cooled four Stroke turbo charge diesel engine  
Ratings : 110 HP@2500 rpm. Engine mounted transversal on the rear.



**TRANSMISSION:** Hydrostatic Bosch-Rexroth. Heavy duty differential axles with planetary reducers.  
4 wheel driving and steering.



**SPEED:**  
Working speed from 0 to 9 kms/h, road transfer from 0 to 27 kms/h. Electric servo control.



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



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



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



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



**LOADING SHOVEL:**  
Capacity 600 liters, 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 [ 400 LTR/MIN ] (on request).



**GRADIENT:**  
Fully loaded 30% (16-17 degrees)



**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. 3 way steering. Radius: internal 1800 mm, external 4000 mm.



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



**TANKS:**  
Water: 2 x 400 liters. Diesel: 115 liters. Hydraulic oil: 80 liters.



**WEIGHT:**  
7,500 kgs. equally distributed on both axles.

- With Apollo's policy of constant upgradation of products, specifications are subject to change without prior notice.
- Accessories shown here are optional and not the part of standard supply.



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**HIGH PRODUCTIVITY -  
FASTER LOADING  
QUALITY CONCRETE**

**Apollo Carmix Self -loading Mixer**

**4TT**



**WORLD BEST SELF - LOADING MIXER**

## About Carmix

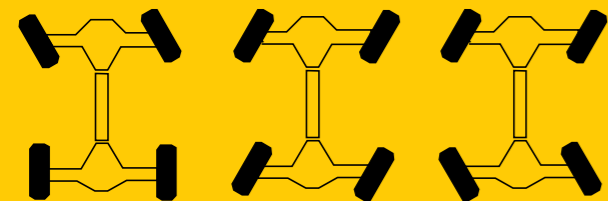
CARMIX background comes in fact from CARMAN the Company that in the early sixties started assembling parts and components supplied from old military and agricultural vehicles. Many years and millions of cubic meters of concrete later, CARMIX customers are enjoying the world's best self-independent Self-loading Mixers. CARMIX Self-loading Mixers are easy-to-operate and cost-effective equipment. They are an ideal solution to produce and distribute the concrete in the most difficult job-sites as well as in the most congested areas like in the middle of cities or in the most remote Island in the Pacific. We can proudly say that everywhere CARMIX is synonymous of 4x4 Self-Loading Concrete Mixers that's because our guarantee is, since always a continue innovation along with maximum quality and unmatched reliability. Furthermore Metalgalante is continuously revolutionizing the "mixer-concept": drum slewing 270°, the front cab, the hydraulically closed shovel, the Joymix, the electronic weighing system and other smart innovations were all born at the Home of CARMIX.

# WORLD BEST SELF - LOADING MIXER

## Apollo Carmix Self-loading Mixer 4TT



### Three Way Steering System (4X4X4)



2 Wheel Steering    Crab Steering    4 Wheel Steering



### 270° Drum Rotation Self-loading

### Apollo Carmix Self-loading Mixer 4TT

#### SALIENT FEATURES

- Capacity : 4 m<sup>3</sup> per batch
- Concrete Output : 85- 90% of the rated capacity. (Considering 1 cum = 2400 kg. MAX) Slump S1
- Operation is user-friendly
- Compact & economic
- Low Maintenance Cost
- High pressure water pump
- 4 Wheel drive and 4 Wheel steer
- Electronic weighing system with printer
- Efficient and reliable after-sales service
- Ideal solution, whenever & wherever small quantity of concrete is required

#### OPTIONAL

- High Pressure Washing System
- Additive Tank
- GPS System
- Load Cell System

### WHY TO CHOOSE APOLLO CARMIX

#### SELF LOADING MIXER

- Front Driving cab to assure perfect visibility and excellent comfort to the operator
- Self articulated hydraulically Operating shovel with gate for a more accurate loading of aggregate and cement
- Hydraulically operated discharging chute
- Washing system for better cleaning
- Rear Engine: Easy to do maintenance.
- Fully Balanced Equipment
- Oil - Bath Built - in Disc Breaks : No maintenance at all and total reliability
- One Joystick operates all main function

