

ecomet III2
Mobile Concreting Unit



Instant Concrete Anytime, Anywhere



ASHOK LEYLAND



HINDUJA GROUP

Bring down costs and save time with the new Mobile Concrete Unit from Ashok Leyland. Its electronically controlled operations assures good quality concrete and varying grades, whenever required. You can make the concrete instantly at the site, saving time and reducing cost per cubic metre. The perfect vehicle to build your business!

APPLICATIONS

- Multi-storeyed buildings
- Medium & small civil constructions
- Cell phone / windmill tower constructions
- Concrete block manufacturing units
- Road & median constructions
- Dams, bridges & canal constructions & other concrete utility works





DRUM & CONCRETE PUMP

- Powered by vehicle engine
- Reversible drum for higher productivity & better quality
- Compact & rugged construction
- Integrated hydraulic system for operation
- Integrated concrete pump



BINS

- Separate bin with individual weighing mechanism for each aggregate
- Low height enables easy loading of materials into bins
- Hydraulic-operated loading mechanism



CONTROL PANEL

- Separate display for each bin
- Type of concrete required can be set
- Operator-friendly
- Water & dust proof

HYDRAULIC SYSTEM

- Individual hydraulic pump for mixer, concrete pump, conveyor loading mechanism to enhance productivity
- Separate unloading valves to reduce load on the engine
- Separate pressure relief valve for higher safety



SPECIFICATIONS

1112 ECOMET SPECIFICATIONS		Dimensions (in mm)	MCU
Engine	'H' Series 4 CTI BS III Turbocharged Intercooled	Wheel Base	4200
Bore X Stroke	104 X 113 mm	Front Track	1946
Maximum Power	88 KW @ 2400 rpm	Turning Circle Diameter	17000
Maximum Torque	402 Nm @ 1600 rpm	Rear Track	1670
Clutch	310 mm dia single plate diaphragm clutch with hydraulic acutation	Minimum Ground Clearance	238
Transmission	5 speed ZF synchromesh gear box	Overall Length	7663
Frame	All steel ladder type with bolted construction	Overall Width	2280
Suspension	Semi elliptical multi leaf and slipper end at rear	Overall Height	3700
Steering	Power assisted steering	Total Length (Combination)	8270
Fuel Tank Capacity	212 lts		
Performance	76.3 kmph (Powered)		
Max Gradeability	26.00%		
GCW	11900 kgs		

15 Cum/hr CONCRETING UNIT		Weight (Kgs)	Laden
Drive	Vehicle engine	Front Axle	3700
Mixer type	Reversible drum	Rear Axle	7000
Drum capacity	0.5 Cum	Total	10700
Loading mechanism into hoppers	Multi-stage double acting hydraulic actuators		
Weighing	Independent electronic measurement		
Number of bins	Three		
Water tank with water meter	180 litres		
Capacity of hopper	600 litres		
Max horizontal placing distance	200 m		
Max vertical placing distance	50 m		
Landing legs	Hydraulically operated - Four numbers		

The specifications are liable to change due to continuous improvements and are for reference only. Do not drill or weld on frame.



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