

## Specification of MCW Metrobus 11M



### Mechanical Features

Chassis Configuration:	Rear Engine Voith Output Drive
Engine Type:	Gardner 6LXCT / Cummins LTA10
Cylinder Capacity (c.c.):	10,450 c.c. / 10,000 c.c.
BHP:	220 / 282
Gear Box Type:	Voith D851.2 / Voith D864G
Means of Operation:	Electro-hydraulic
Axle Type & Ratio:	Crown & Pinion with reduction 6.436:1
Suspension System:	Air Spring
Braking System:	Dual Line Split Air System
Steering System:	Power
Tyres:	295/80R22.5 ; 295/80R22.5 ; 11R22.5 -16PR
Body:	MCW

### Critical Dimensions

Dimensions:	Length:	11,000mm
	Width:	2,500mm
	Height:	4,350mm
Track Width:	Front:	2,074mm
	Int.:	2,074mm
	Rear:	1,895mm
Overhang:	Front:	2,270mm
	Rear:	2,480mm
Turning Circle:		18,300mm
Swept Circle:		23,900mm
Wheelbase (1 <sup>st</sup> to 2 <sup>nd</sup> ):	4,650mm	
(2 <sup>nd</sup> to 3 <sup>rd</sup> ):	1,600mm	
Unladen Weight:	12,550kg	
Axles Loading: 1 <sup>st</sup> :	6,500 kg	
	2 <sup>nd</sup> :	6,500 kg
	3 <sup>rd</sup> :	9,500 kg
Gross Vehicle Weight:	21,330 kg	
Passenger Capacity:	Upper Saloon:	69 persons
	Lower Saloon:	33 persons
	Standee:	48 persons
Slope Percentage:	22.5 (Climb)	
Chassis:	Metrobuses	