

MAN Lion's Explorer Range

The Pride of MAN

TECHNICAL SPECIFICATIONS



MAN Lion's Explorer 12.5m bodywork on MAN HB1 & HB2 chassis.

Vehicle model	MAN Lion's Explorer 12.5m
Vehicle dimensions (LE1 & LE2)	
Length	12 500mm
Width	2 600mm
Wheelbase	6 050mm
Seating capacity (LE1 & LE2)	
Up to 65 seated passengers	
Vehicle application (LE1 & LE2)	
City/commuter	
Engine D0836LFL40 (HB1) & D0836LOH41 (HB2)	
Model and arrangement:	6-cylinder, in-line diesel engine, common rail Euro 3
Maximum power	176kW @ 2 400 r/min
Maximum torque	925Nm @ 1 200-1 800 r/min
Displacement (cm3)	6 871
Transmission (HB1)	
Model and type	ZF 6S 1200 BD / Manual
Number of gears	6
Transmission ratios	7.72 to 1
Rear axle ratio	4.0:1
Transmission (HB2)	
Model and type	Voith DIWA 854.5 / Automatic
Number of gears	4
Transmission ratios	6.2 to 0.7
Rear axle ratio	6.0:1
Axles (HB1 & HB2)	
Front axle	VOK -08-04
Drive axle	HP-1333
Suspension	Parabolic
Brakes (HB1 & HB2)	
Brake system	EBS 5
Brakes type	Disc front; Drum rear
ABS/ASR/EPB	Standard
Auxiliary – HB1/HB2	Voith 120 Retarder/Intarder
Fuel tank (HB1 & HB2)	
300 litres located on the left hand side	
Vehicle masses (HB1 & HB2)	
Manufactures (GVM)	18 000kg
Manufactures (GCM)	19 500kg
Permissible (V)	17 900kg



MAN Lion's Explorer 13.9m bodywork on MAN HB4 (310 or 350) chassis.

Vehicle model	MAN Lion's Explorer 13.9m
Vehicle Dimensions (LE4)	
Length	13 900mm
Width	2 600mm
Wheelbase	6 050 + 1 350mm
Seating Capacity (LE4)	
Up to 79 seated passengers	
Vehicle Application (LE4)	
City/commuter and intercity	
Engine D2066LF04 (310hp) (HB4)	
Model and arrangement	6-cylinder, in-line diesel engine, common rail Euro 3
Maximum power	228kW @ 1 900 r/min
Maximum torque	1 550Nm @ 1 000-1 400 r/min
Displacement (cm3)	10 518
Engine D2066LF03 (350hp) (HB4)	
Model and arrangement	6-cylinder, in-line diesel engine, common rail Euro 3
Maximum power	257kW @ 1 900 r/min
Maximum torque	1 750Nm @ 1 000-1 400 r/min
Displacement (cm3)	10 518
Transmission (HB4)	
Model and type	ZF 12AS2131 DD / TipMatic
Number of gears	12
Transmission ratios	15.86 to 1
Rear axle ratio	3.364:1
Axles (HB4)	
Front axle	VOK -08-16
Drive / tag axle	HY-1350-03 / NO-08-08
Suspension	Air
Brakes (HB4)	
Brake system	EBS 5
Brakes type	Discs all round
ABS/ASR/EPB	Standard
Auxiliary brake	ZF Intarder
Fuel tank (HB4)	
400 litres located on the left hand side	
Vehicle masses (HB4)	
Manufactures (GVM)	26 000kg
Manufactures (GCM) 310/350	31 000kg/33 000kg
Permissible (V)	25 400kg



MAN Lion's Explorer Bustrain 22.0m bodywork on MAN HB4BT (310 or 350) chassis.

Vehicle model	MAN Lion's Explorer Bustrain 22.0m
Vehicle Dimensions (LE4BT)	
Length	22 000mm
Width	2 600mm
Wheelbase	6 050 + 1 350mm
Seating Capacity (LE4BT)	
Up to 119 seated passengers	
Vehicle Application (LE4BT)	
City/commuter	
Engine D2066LF04 (310hp) (HB4BT)	
Model and arrangement	6-cylinder, in-line diesel engine, common rail Euro 3
Maximum power	228kW @ 1 900 r/min
Maximum torque	1 550Nm @ 1 000-1 400 r/min
Displacement (cm3)	10 518
Engine D2066LF03 (350hp) (HB4BT)	
Model and arrangement	6-cylinder, in-line diesel engine, common rail Euro 3
Maximum power	257kW @ 1 900 r/min
Maximum torque	1 750Nm @ 1 000-1 400 r/min
Displacement (cm3)	10 518
Transmission (HB4BT)	
Model and type	ZF 12AS2131 DD / TipMatic
Number of gears	12
Transmission ratios	15.86 to 1
Rear axle ratio	3.364:1
Axles (HB4BT)	
Front / drive axle	VOK-08-16 / HY1350-03
Tag / trailer axle	NO-08-08 / NOK-10-Z-03
Suspension	Air
Brakes (HB4BT)	
Brake system	EBS 5
Brakes type	Discs all round
ABS/ASR/EPB	Standard
Auxiliary brake	ZF Intarder
Fuel tank (HB4BT)	
400 litres located on the left hand side	
Vehicle Masses (HB4BT)	
Manufactures (GVM)	35 000kg
Manufactures (GCM)	310/350: 35 000kg
Permissible (V)	34 400kg