

MAN A69 18.310 HOCLNL CNG LOW FLOOR

Fleet Numbers	-	BUS374 to BUS389
Bus Total	-	16
Delivery Date	-	26 June 2008 to 15 September 2008.
Build dates	-	May 2008 to August 2008



Feature Chassis:

Engine Model	-	E 2866 LUH 01/02 CNG EEV specification.
Capacity	-	11.967 litres – Turbocharged & Intercooled
Max Power	-	228 Kw (260 HP) @ 2000rpm
Max Torque	-	1250 Nm @ 1400rpm
Transmission	-	Voith D864.
Rear Axle	-	MAN HY – 1336 B – Capacity 13,000kg. Final Drive Ratio 5.57:1
Front Axle	-	MAN VOK 07B 780 Rigid I Beam Capacity 7,100kg
Steering	-	ZF 80/98 Screw Type Steering – Power Assisted
Suspension	-	Full Airbag – Electronic Control Kneel & Raise
Brakes	-	Front and Rear Disc – Air operated with ABS & ASR
Tyres	-	11R 22.5
Fuel Tank Capacity	-	1330 litres in 7 X 190 litre roof mounted lightweight composite tanks.
Fuel System	-	CNG – Lean Burn Injection
Electrical System	-	24V

Body - Custom Coaches CB60 Evo II:

Seats	-	45 McCONNELL Centra – Cantilever Design with HOLDSWORTH material
Wheelchair Positions	-	2
Doors		
Front	-	SMC Twin Leaf – SMC PLC with ACTION Spec. Program.
Rear	-	Custom Coaches – Single leaf SMC PLC control.
Ramp	-	Custom Coaches Flip-out Manual Ramp
Mirrors	-	MECRA – Electronically Heated & Adjustable
Flooring	-	ALTRO – 'TFCR2203', 'TFM2215' entrance, 'TFCR2219' wheelchair area.
Luggage Rack	-	2 Custom Coaches/ACTION Design
Roof Hatch	-	1 BECLAWAT.
Handrails	-	2 Stainless Steel full length of aisle with yellow vertical stanchions.
Bus Stop Alert System	-	Passenger push buttons on stanchions plus ramp request.
Destination Equipment	-	Front: HANOVER 144 X 19 LED Side & Rear: HANOVER 32 X 15 LED
Heating/Airconditioning	-	ThermoKing LRT 3 Heat/Cool – Roof mounted & fully ducted.
Radio	-	VDO AM/FM
Drivers Seat	-	ISRI – 6865/75 Air-ride.
Security Cameras	-	DTI MDR4 GPS, WLAN 4 cameras
Livery	-	ACTION 2008 Spec. Green/Orange livery
Bicycle Rack	-	Sportworks 2 Bicycle Capacity.

General:

Length	-	12.490m
Rear Overhang	-	3.470m
Front Overhang	-	2.79m
Wheelbase	-	6.23m
Width	-	2.5m
Height	-	3.575m
Tare	-	12000kg
GVM	-	18200kg
Passenger Capacity	-	60 – 45 Seated & 15 Standing
Top Speed	-	85km/h (Electronically Speed Limited)

Exhaust

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Through Rear Bumper