



ULTRA LF12



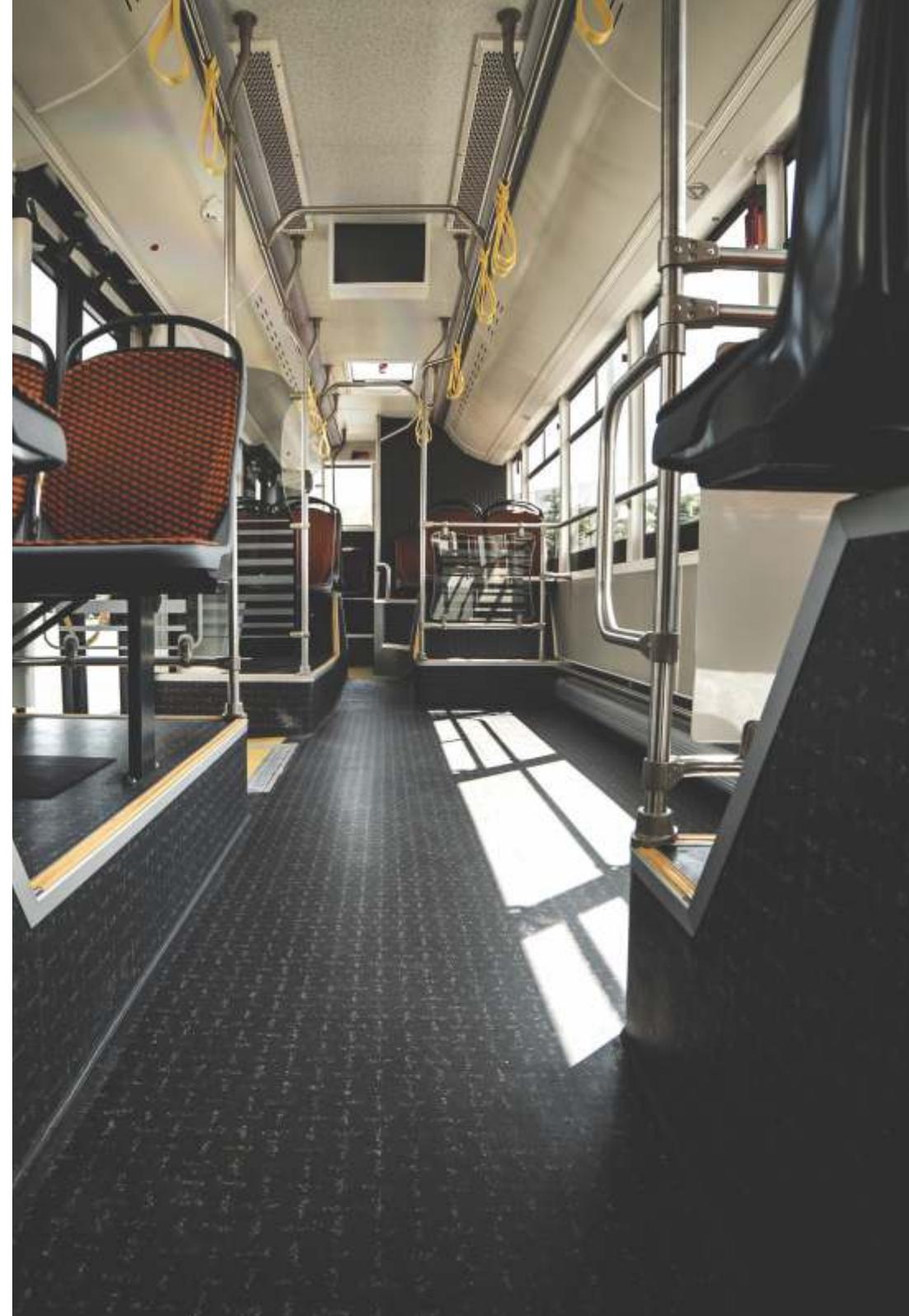
ERGONOMIC, COMFORTABLE AND RELIABLE

The most popular in the AKIA line of city buses is the **ULTRA LF12**. This bus is perfect for city and intercity routes.

ULTRA LF12 has a larger passenger area and ability for transportation more standing passengers. The bus model reaches 12 meters in length, which is an advantage in the allocation of specialized passenger seats for people with disabilities.



ULTRA LF12



TECHNICAL SPECIFICATIONS AKIA ULTRA LF12

VEHICLE TYPE	
Vehicle Category & Class	Low Floor Bus, M3 Category, Class I, LHD
BODY	
Body Type	Steel Monocoque Structure
Corrosion Resistance	Coated Fullbody
DIMENSIONS	
Overall Length (mm)	12.000
Overall Width (mm)	2.550
Overall Height (mm)	3.100
POWERTRAIN SYSTEM	
Drive Type	Rear Wheel Drive (RWD), 4x2
Engine Layout	Rear Engine Longitudinal Mounted
Engine	Mercedes Benz, OM 926 LA
Emission Level	Euro V, EEV
Number of Cylinders	6
Cylinder Volume (cc)	7.200
Max. Power (kW)	210 Kw / 286 Hp.
Max. Torque (Nm)	1120
Transmission	Automatic Gearbox, 6 Forward & 1 Reverse Gear
SUSPENSION SYSTEM	
Suspension	Air Suspension + Kneeling System
Front Axle	ZF RL82 A Rigid Type
Front Axle Suspension	2 units Folding Tags, 2 units Shock Absorber, 1 unit Stabilizer
Type / Tun	ZF AV133 Rigid Type
Rear Axle Suspension	4 units Folding Tags, 4 units Shock Absorber, 1 unit Stabilizer

BRAKE SYSTEM				
Front & Rear Brakes	Electro Pneumatic Brake System (Disc Brakes)			
System	Knorr Bremse ABS, ASR			
Service Brake	Full Air Brake System, Dual Circuit, Electrical actuated			
STEERING SYSTEM				
Steering System	Servocom 8098, Power Steering			
TYRES				
Front Tire Sizes & Rim Sizes	275/70 R 22,5 – 8,25 x 22,5 Single			
Rear Tire Sizes & Rim Sizes	275/70 R 22,5 – 8,25 x 22,5 Double			
ELECTRICAL SYSTEM				
Electric System	Actia Actimux / Con Bus Based System			
Battery (Volt & Ah)	2x12V - 200 Ah			
Alternators (Volt & A)	2x150 Ah – 28 V			
FUEL SYSTEM				
CNG Tank (lt)	250			
Adblue Tank(lt)	25			
ENGINE COOLANT SYSTEM				
Tun / Type	Electric Powered			
PASSENGER CAPACITY				
Seated 	Stande 	Wheelchair 	Folding Seats 	Total Passenger 
26	72	-	-	98
26	64	1	-	91
EQUIPMENT FEATURES				
EXTERIOR DESIGN				
Number of Service Doors	3 Doors			
Type of Service Doors	Double Wings, Pneumatic, Inward Swing			
Remote Controlled Door System	Standard			
Roof Hatches	2 Unit, Manual Type			

Side View Mirrors	Manual Controlled Heated
Windshield	Laminated, Sticked Glass
Driver's Side Window	Sliding Type Standard with Heated
LED Destination Signs	Monocolor (Front + Side + Rear)
Passenger Windows	Tempered, Sticked Glass
Paint	Acrylic Kiln-dried Paint
INTERIOR DESIGN	
Anti-slip PVC Floor Cover	Standard
Handrail Tubes	Steel
Passenger Seats	Standard Plastic Type with Cushion
Manual Wheelchair Access Ramp	Standard
Partitions	Standard
Stop Request Buttons	Standard
Camera Surveillance System	Cameras with DVR
Passenger Information Display	2 Units
DRIVER COMPARTMENT	
Driver Seat	Pneumatic Driver Seat With 3 Point Seat Belt
Full Separated Driver Cabin	Standard
Steering Column and Instrument Panel	Height and Tilt Adjustment
Windshield Roller Blind	Manual Type
Camera Monitor	Standard
CLIMATIZATION SYSTEM	
Passenger Air Conditioner	Standard Type
Passenger Heater	Convector Type
Driver Cabin Heater	Front Box Type
ADDITIONAL SYSTEMS	
Automatic Fire Suppression System	Optional
Digital Tachograph	Optional
Retarder	Standard
Safety Hammer	Standard
Circuit Separator on Battery	Standard
Fire Extinguisher	1 unit 6 kg, Standard
First Aid Kit	Standard
Spare Wheel	Standard
Warning Triangle	Standard
Driver's set of tools	Standard
Hydraulic Jack	1 Unit Portable
FM Radio with USB Player	Standard

*AKIA A/ESTO reserves the right to make changes in accordance with technical progress and to change product specifications without prior notice!