

# D12 Series

Comfort, convenience and capacity

Euro VI Clean Diesel



**Seats 51 - 57**

ADR68 seating

Dual door luggage compartments

Mobileye advanced driver warning system

Fitted with ABS, ASR, EBS



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## MODEL D12

### STANDARD VEHICLE CONFIGURATION

57 x fixed ADR68 seat belted seats in cloth trim  
1 x driver's suspension seat with lap sash belt and headrest  
Two-piece windscreen  
Electric controlled mirrors with heating  
Ducted air conditioning with individual outlets  
Bonded dark glass to saloon area  
Steel frame and body panels, full vehicle electro plating for anti-corrosion  
Reverse camera with colour screen on dash  
Integrated infotainment system with radio, MP4, PA  
Passenger door system with passenger entrapment sensor  
Luggage compartment with two doors per side  
Cruise control

### DIMENSIONS

Length: 12,450mm  
Width: 2,500mm  
Height: 3,645mm  
Wheelbase: 6,500mm  
Overhang Front / Rear: 2,620mm / 3,330mm  
Track Front / Rear: 2,050mm / 1,853mm

### MASS

GVM (Maximum Permissible) 18 ton

### ENGINE

Engine Arrangement: Rear  
Emission Type: Euro VI  
Make / Type: Cummins ISB8.9E5360  
Model: 6 cylinders, turbocharged & charge air cooled  
Bore and Stroke: 114mm (4.249in) x 144.5 (5.69in)  
Displacement: 8900cc  
Rated Output: 270Kw (360hp) @ 2500 RPM  
Rated Torque: 1600Nm / 1200-1300 RPM  
Compression Ratio: 17.1:1  
Fuel Injection: Common rail  
Maximum Speed: 100Km/h

### TRANSMISSION

Alison T390R  
1st - 3.49  
2nd - 1.86  
3rd - 1.41  
4th - 1.00  
5th - 1.75  
6th - 0.65  
Reverse - 5.03

### ELECTRICAL SYSTEM

Alternator: 24 volt 180 amp  
Battery: 2 x 150 AH / MF

### SEATING CONFIGURATIONS

57 x fixed ADR68 seat belted seats in cloth or faux leather trim  
53 x reclining ADR68 seat belted seats in cloth or faux leather trim

### INSTRUMENTATION

Air pressure, speedometer, tachometer, fuel, coolant temperature, oil pressure, Adblue

### WARNING SYSTEM

Warning light and audible alarm for low oil, water and air, indicator light, hazard light, parking brake light, high beam light, engine fault light, Adblue light, charge light

### AIR CLEANER Dry element

### PROPELLER SHAFT

Two-piece with slip joint  
Forged ends with 'U' joint at each end

### REAR AXLE

Type: Full Floating Banjo  
Capacity: 1,300 kg  
Gear ratio: 5.33:1

### STEER AXLE

Type: Reverse Elliot "I" Beam  
Capacity: 6,600 kg

### WHEEL & TYRE

Type Size: 295/80R 22.5  
Wheel: Aluminium 7.5 x 22.5 x 10 stud fixing

### FUEL TANK 270L

### STEERING

Type: Integral recirculated ball and nut  
Power assisted  
Column: Tilt and telescopic

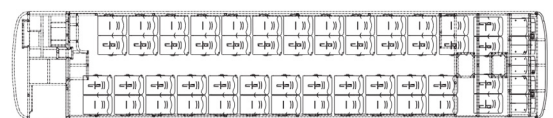
### SERVICE BRAKE

Type: Full air  
Front: Disc  
Rear: Disc  
Lining: Non asbestos  
Features: Anti-lock Braking System (ABS), Anti-slip Regulation (ASR), Electronic Braking System (EBS)  
Park Brake: Spring actuated gradual control valve  
Auxiliary: Multistage hydraulic transmission mounted retarder

### SUSPENSION

Type: Air suspension with electronically controlled air suspension (ECAS)  
Front: Two air bags  
Rear: Four air bags  
Shocks: Two front, four rear

### SAFETY Mobileye Advanced Driver Warning System



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