

**AEBI**  
Swiss Quality

**Aebi MT720**

**Speed up!**





# Aebi MT720

## Universal carrier vehicle / special-purpose vehicle

### Flexible, strong and versatile

- very good manoeuvrability due to compact outside dimensions (max. 1.60m)
- auxiliary drive possibilities, C-profile frame and high axle load limits allow for various attachments
- up to 3.4t load capacity and 5.5t admissible total weight at 90km/h
- up to 4.4t load capacity and 6.5t admissible total weight at 40km/h
- Alternatively 4x4 or 4x2 drive

### General description

Tilting cab by means of hydraulic hand pump, robust steel construction with cataphoretic anti-corrosive surface protection, sound and thermal insulation. Cab suspension with rubber spring elements. Ergonomic, horizontally adjustable driver seat with textile cover, fixed passenger seat. Certification for 2/3 seats. Standard heating and optional air conditioning, washable plastic footrest. Panoramic windscreen made of laminated safety glass. 3-point safety belts for driver and passenger seat. External rear-view mirror also as heated version (optional). Storage surfaces. Access to the vehicle over safe steps and step handles. Rear wall of the cab with glazing. Upper console consisting of: additional storage surface, space for digital tachograph (optional), radio preparation including antenna, interior lighting and sunshades. Cab door covered with ergonomic interior cladding (ABS plastic) with storage compartment. Glass pane extended downwards. Opening hinge with stop and damper cylinder. Electrical window lifter and toolbox inside the cab as standard equipment.

### Vehicle frame

Construction made of longitudinal steel beams with U-shaped profile, connected by means of bolted cross beams. Lowered frame in the cab area for low access height. Chassis with cataphoretic anti-corrosive surface protection, powder-coated in black, RAL 9005.

### Suspension

Vehicle standard: reinforced progressive parabolic leaf springs with telescopic shock absorber and stabilizer in the front and rear (optional).

### Motor

Motor manufacturer: VM MOTORI S.p.a. Type: R754EU5 (EURO 5)  
Type of drive: Direct injection with common rail  
Turbocharging: Turbocharger with intercooler  
Max. torque (at 1350rpm) 340Nm (34.7kgm)  
Max. power (at 3000rpm) 74kW (101HP)  
Tank capacity (tank cap lockable) 90 litres  
Exhaust pipe on the left side, top-mounted exhaust optional.  
Standard particle filter.

### Gearing

ZF brand gear drive, type 6S380, synchromesh gear with 6 forward gears and 1 reverse, prepared for mech. auxiliary drive on the left side of the housing

### Clutch

Single dry plate clutch 11" (280mm) with hydraulic operation

### Transfer gearbox (for 4x4)

2-stage, 6 + reverse Fast gear + 6 + rev. Slow gear, total 12 + 2 rev. gears, reduction transfer gearing - part time four-wheel drive, optional permanent four-wheel drive, semi-synchronised gearbox with electro-pneumatic operation, normal transmission ratio 1:1.05 / slow transmission 1:3.937

### Steering mechanism

ZF brand servo ball and nut hydro-steering, steering wheel diameter 430mm, incl. steering lock

### Electrical installation

12V, 105A alternating current generator, electric wiring according to IP76 classification

### Lighting and signal lights

According to EC standards, high beam and low beam light with integrated parking lights, indicators on the front, the sides and the rear. **External lights:** Parking and stop light, reverse, fog tail lamp, rear licence plate lighting, hazard warning lights above the indicators, reverse buzzer.

### Dash display inside the cab

Dash display inside the cab, control light module on the dashboard, speedometer / digital tachograph, tachometer with operating hour meter, water temperature indicator, fuel gauge, various signals for activated functions, brake system.

### Brake system

According to EC standard, service and auxiliary brakes using disc brakes with internal ventilation, independent hydraulic dual-circuit system with servo-assistance for 4 wheels, fixing brakes using drum brakes on the rear wheels with manual lever operation, servo vacuum brake, hydr. brake pressure regulator on the rear axle, electric wear-indicator for the brake pads, hydraulic Bosch anti-lock brake system with 4 sensors and 4 modulators.

### Load hauled

3500kg for a trailer equipped with an overrun brake

### Category N1 - N2 - work machine, EURO 5

Total weight 5.5t - 6.5t

