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# TAM 260 A 119 T









## COMFORTABLE AND ATTRACTIVE IN LUXURY COACH TRAVEL

TAM 260 A 119 T is a modern coach developed to meet the needs of inter-city and touring work. It is assembled in TOVARNA AVTOMOBILOV IN MOTORJEV MARIBOR (TAM) where for more than forty years we have produced buses and coaches operating all over the world.

With the TAM 260 A 119 T model our experts have succeeded to construct a coach to suit the requirements of

the most demanding users of public transport facilities. The modular design system allows building various vehicle versions (shorter wheelbase, different door arrangement, choice of units, etc.) which, along with different trimming packages cover a wide range of users.

The vehicle base is an air-suspended rear-engined (air-cooled) chassis which, combined with a modern-

-styled, spacious and richly equipped bodywork offers a comfortable, pleasant and fatigueless ride for passengers and drivers alike.

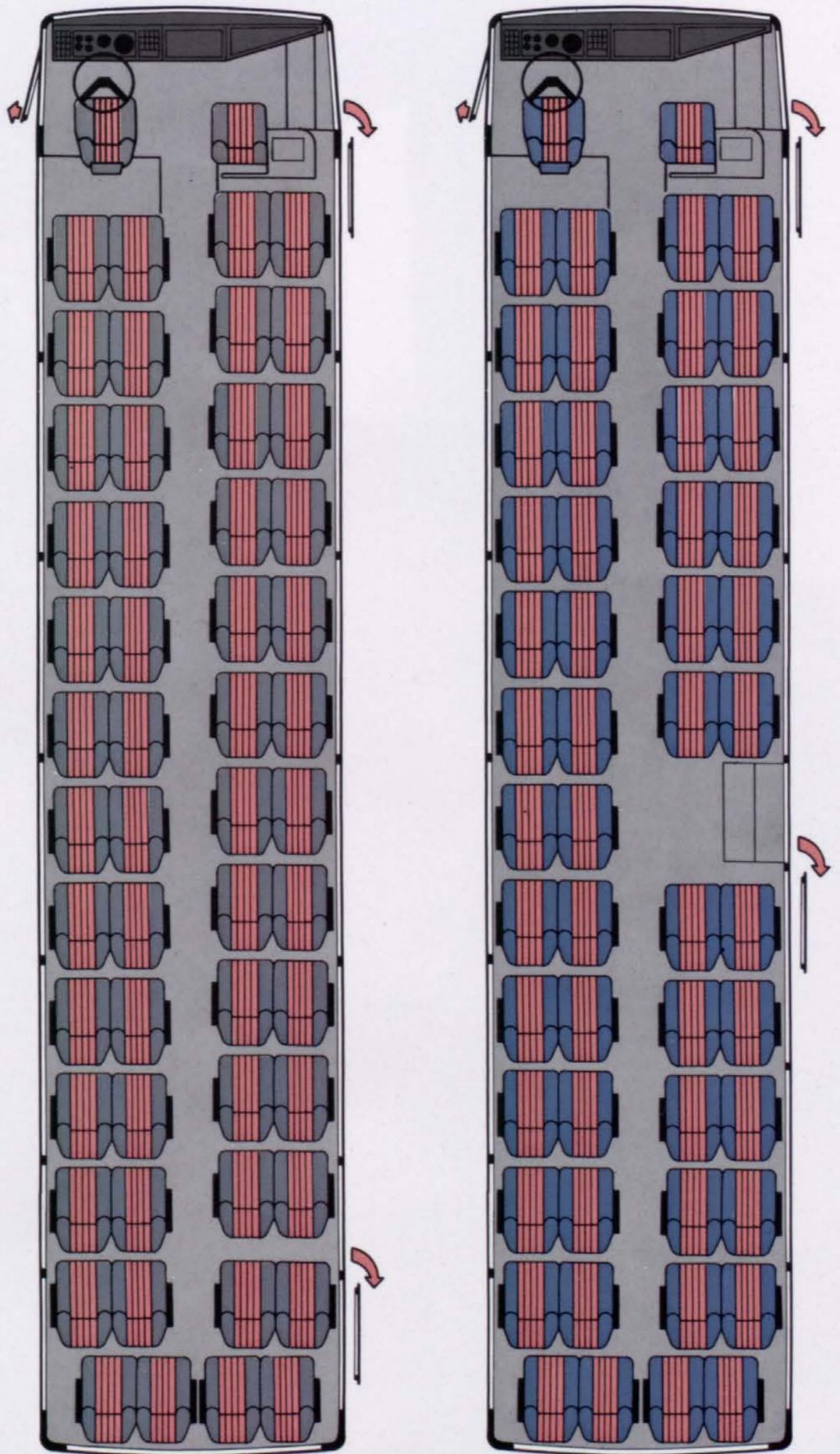
TAM 260 A 119 T is renowned for its reliability, ease of maintenance and low fuel consumption.

The coach is built in two basic designs with the rear door positioned in front of and behind the rear axle. In the first case, the vehicle can provide



## LEVELS

seating capacity for 50 passengers and in the latter for 52. The bus is additionally equipped with a toilet cabinet, tables, coolbox, bar, audio- and TV-video equipment, air-conditioning, etc.





## SPACIOUSNESS AND ALL-ROUND VISION

TAM 260 A 119 T is comfortable and roomy. The flooring is made of waterproof plywood. The gangway and stepwell are lined in nonslip rubber. All covers are levelled with the floor. Additionally, the floor is covered with textile lining ("tapison"). The 1950 mm headroom allows walking upright even to taller passengers. Side walls and the central part of the ceiling may be made from the artifi-

cial material ("lesomin") or lined with textile.

The vehicle is equipped with ventilation channels, diffusers and interior luggage rack along the entire vehicle length, hooks on all window pillars and upholstered protection tube in front of the first row of seats and of seats arranged behind the rear door.

Contributing a great deal to the comfort of the passengers are large win-

dow units glazed with single or double standard or tinted glass.



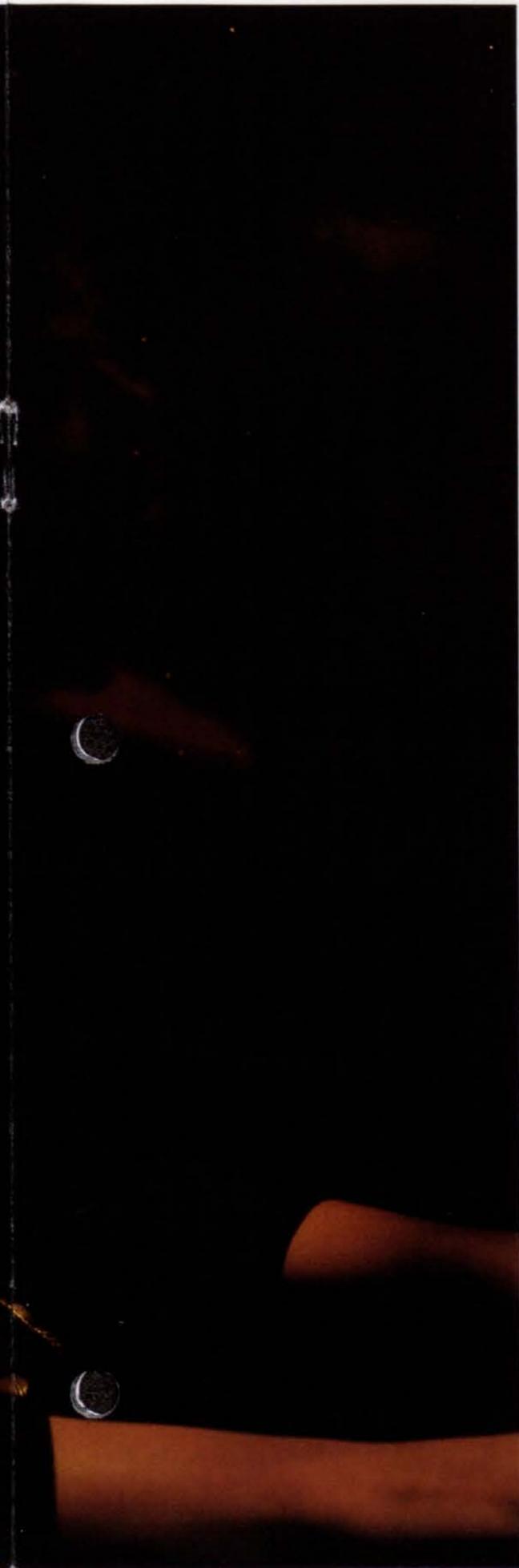


## STEP INSIDE AND MAKE YOURSELVES AT HOME

The comfort starts with the seats. That is why the TAM 260 A 119 T coach is fitted with anatomically designed slipper seats having adjustable back- and arm-rests. The seats are upholstered in a combination of artificial leather and fabrics or only fabrics, and are fitted with an ashtray, a net for magazines and a holder for the glass. They may be moved also sideways into the gangway.

Considering that every passenger or tourist would like to reach his/her destination as quickly and as comfortably as possible the stops must be very limited. This is enabled by:

- a handy refrigerator with the capacity of 24 litres where food and drinks may be stored so that during the travel they can be served already prepared and adequately cooled,
- a bar including a sink, to allow the stewardess prepare a hot drink as it is difficult to miss a good and hot cup of coffee or tea in the morning,
- a club table (one or more) where sitting with a glass or a cup in their hands the passengers may have a little chat, play cards, chess or any other game for the entertainment,
- audio and video equipment with



loudspeakers in the entire vehicle and a TV monitor (one or two) providing for the good atmosphere with music or else, making the journey shorter to passengers who want to watch a good film or see an interesting video spot,  
— a toilet cabinet with chemical WC, washbasin and mirror enabling the passengers to be neat and relaxed even on longer journeys,

— a reading lamp for night travels with a switch for signalling the driver or the stewardess to bring to the passengers whatever they want.



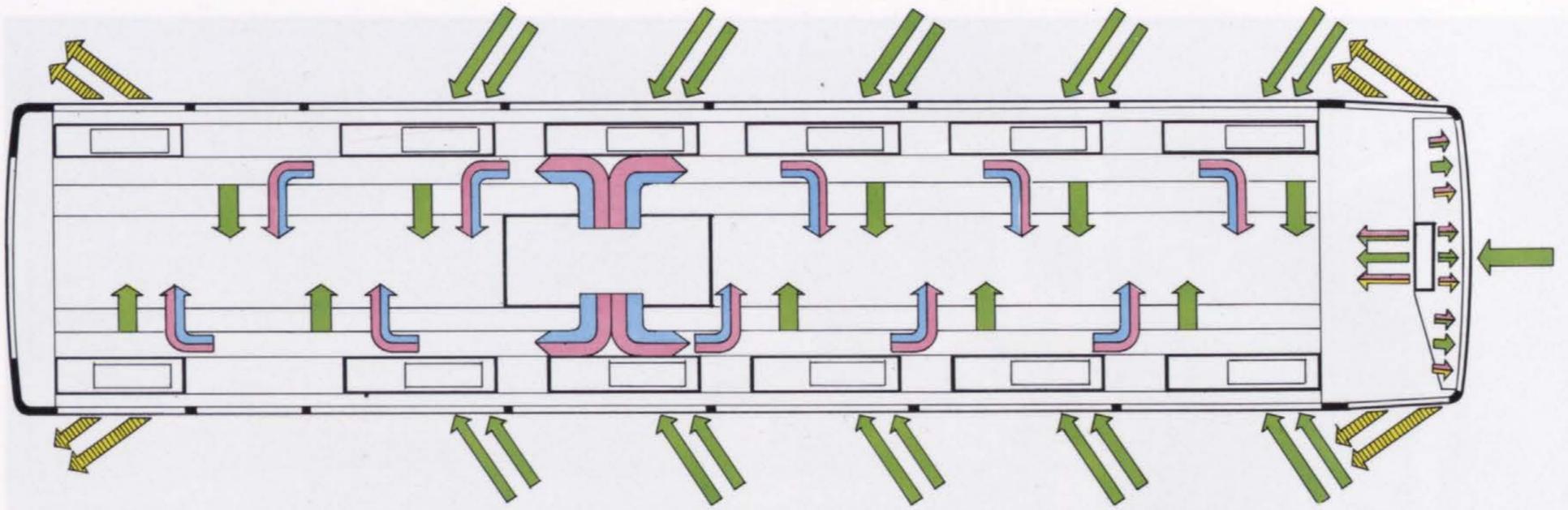
## THERE IS ENOUGH ROOM FOR EVERYONE

Boarding and alighting from the TAM 260 A 119 T coach is ensured by two 770/720 mm doors. The doors are electro-pneumatically operated by the switches on the dashboard thus providing for the safety of passengers. They are mounted in front of the front axle and in front of or behind the rear vehicle axle. The doors are of the single-leaf type with the upper section being glazed with safe-

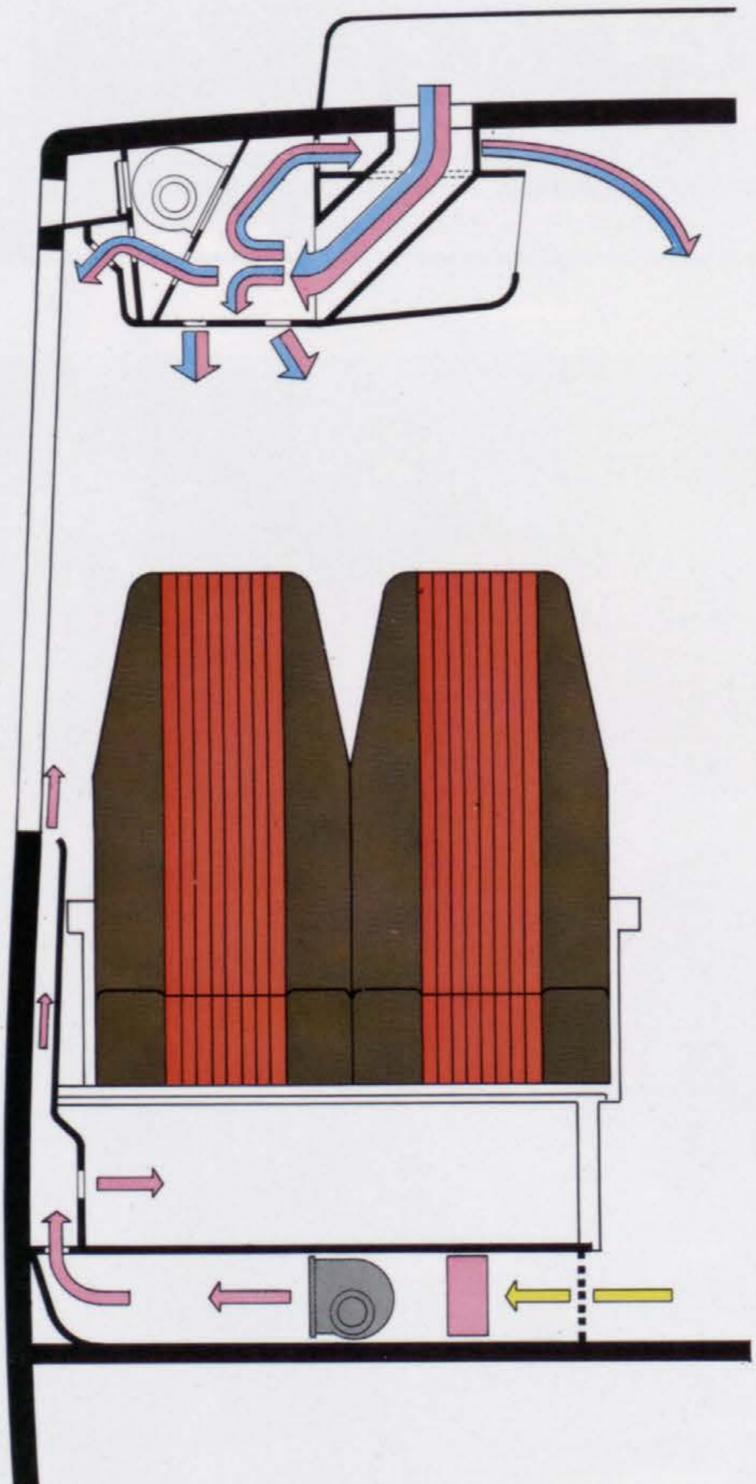
ty glass.

Likewise, the passengers will have no problems with their luggage as the TAM 260 A 119 T coach has an 8 sq. m. luggage locker on both sides of the vehicle. It is hermetically closed with three parallelogram doors on either side to prevent water and dust from penetrating inside. The floor in the luggage locker is covered with waterproof non-slippery material.

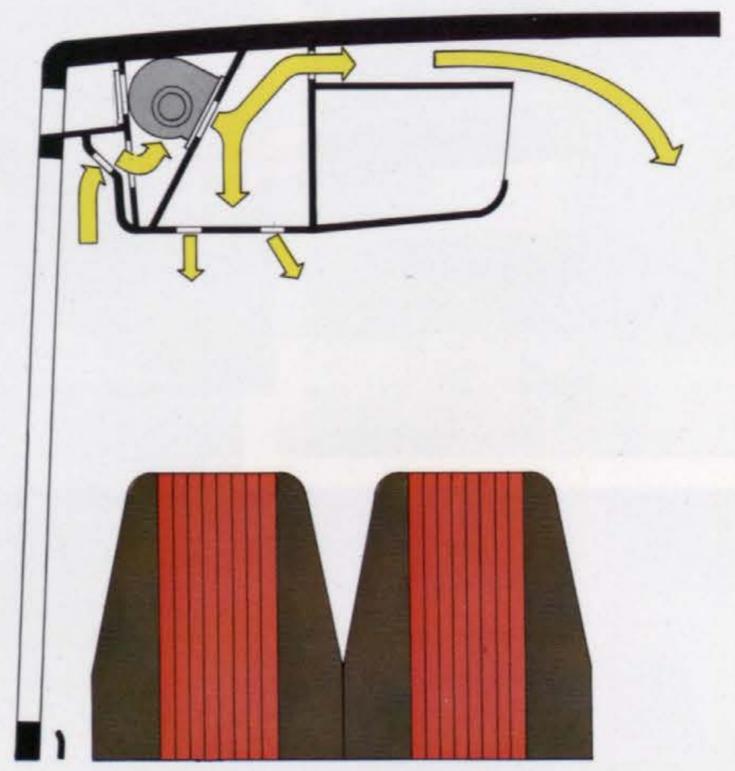




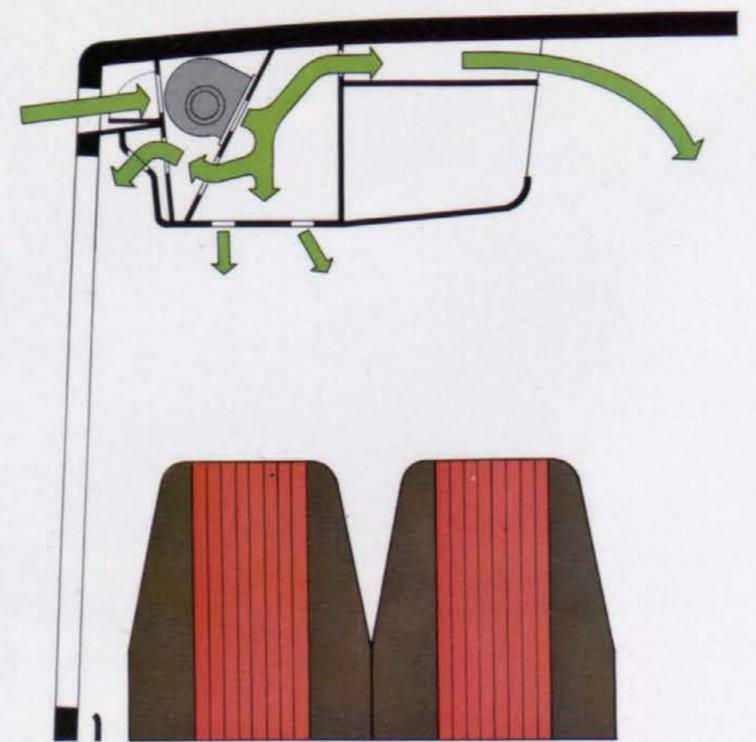
 FRESH AIR     
  WARMED FRESH AIR     
  WARMED FRESH AIR  
 EXHAUST AIR     
  WARMED AMBIENT AIR



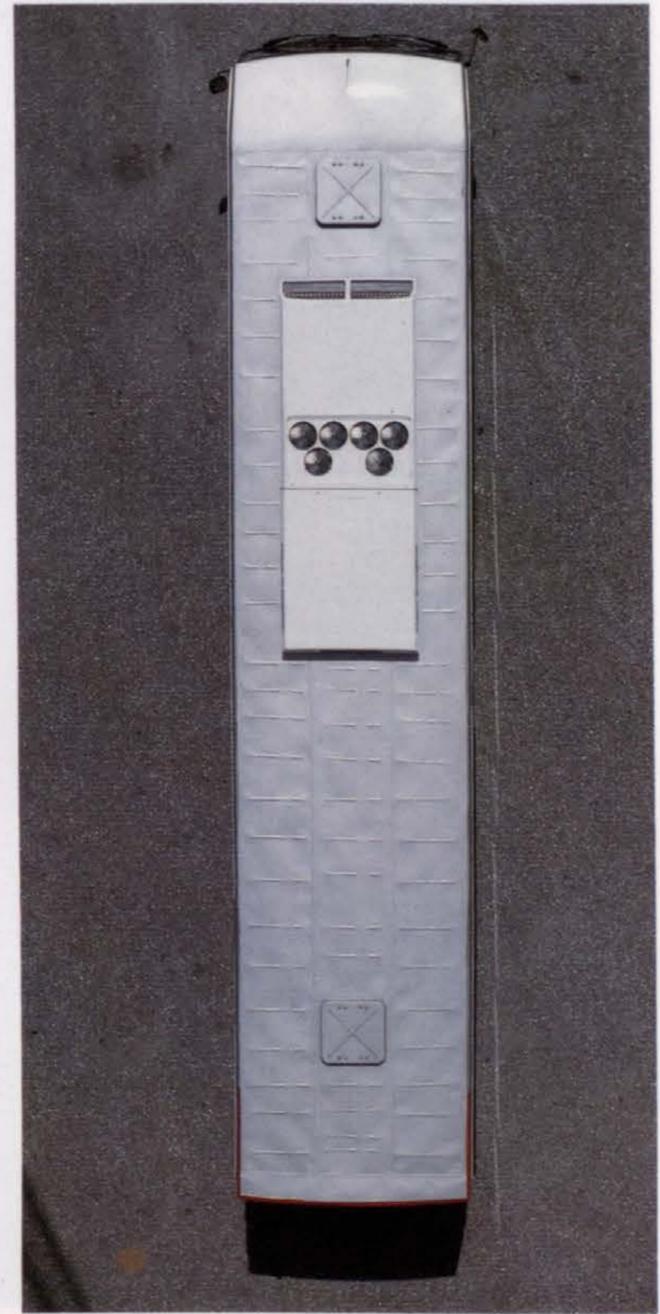
 WARMED AMBIENT AIR     
  AMBIENT AIR  
 WARMED AMBIENT AIR



 AMBIENT AIR







## COOL IN SUMMER, WARM IN WINTER

The TAM 260 A 119 T coach is equipped with such a heating and ventilating system as to ensure a pleasant climate regardless of the exterior weather conditions. The passengers compartment heating is provided either with a 42 MJ oil exchanger or a 108 MJ WEBASTO DWB 300 water heater.

Heat emission is provided by the heaters. For the front part of the ve-

hicle, windscreen and driver's compartment a heater with control system is provided whereas for the passengers compartment heaters are placed under the floor. Side windows are heated with warm air entering along the interior side of the double wall.

The ventilation system of the TAM 260 A 119 T coach comprises elements for the forced and the natural

aeration. In the first case a ventilation unit is placed on the roof with air distribution through ceiling channels and in the second, two roof vents are provided along with a front heater and/or a fan.

Additionally, a 100 488 kJ/h (24 000 kcal/h) WEBASTO KK 25 air-conditioning plant is placed on the roof and a BOCK FK 4 compressor on the engine side of the vehicle.



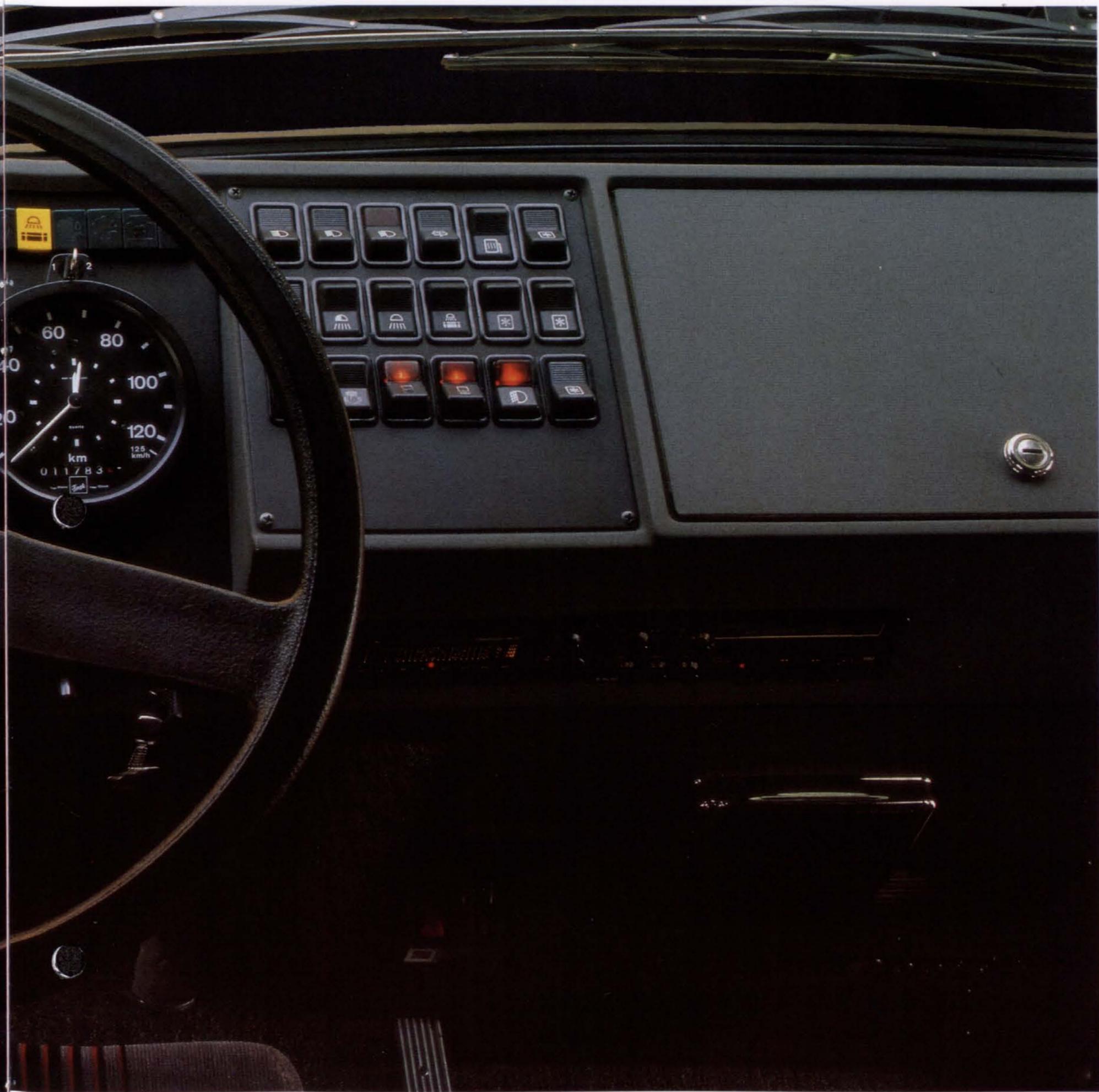
## OUTSTANDING DRIVER ENVIRONMENT

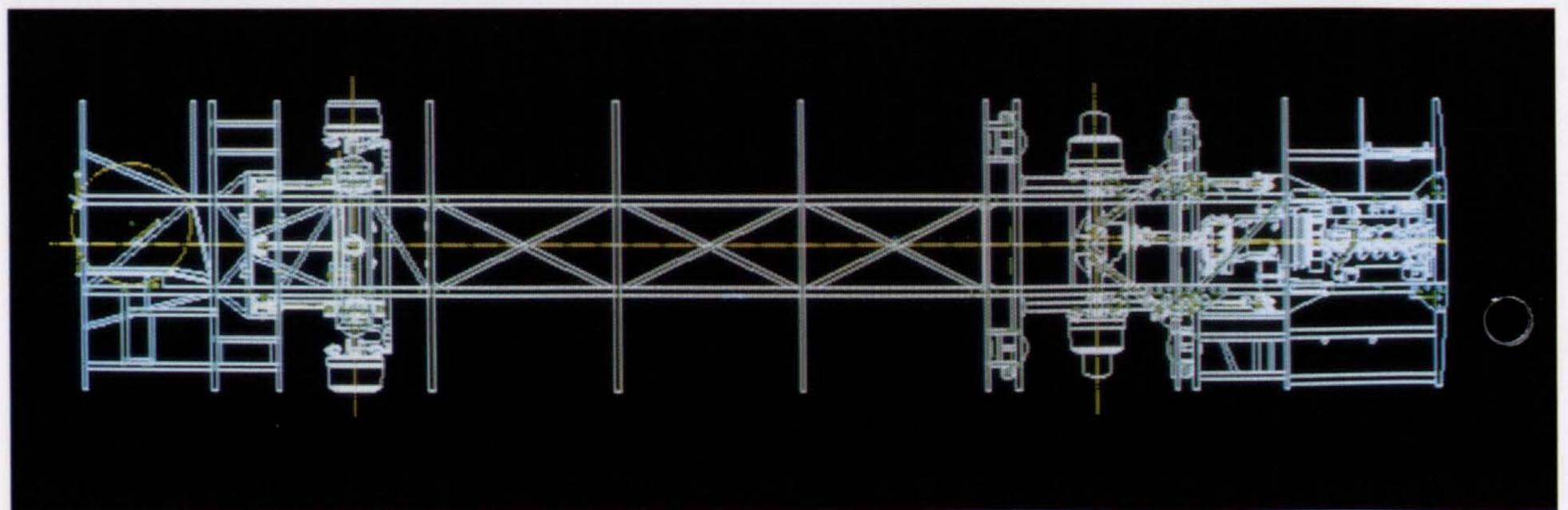
When designing the driver's working place, the requirements for comfort, ease of operation and all-round vision have been given main consideration. Anatomically designed, suspended and fully adjustable seat suits the driver's weight and height.

The instrument panel is large, clear and reflection-free with sensibly placed controls to reduce driver fatigue requiring minimum effort to operate.

The combined switch lever is placed so that the driver needs not to release the hydraulically operated 500 mm dia. steering wheel enabling easy handling.

A large windscreen with a blind and the rear-view mirrors contribute to superb all-round vision.





## WITH ALL WHEELS FIRM ON THE GROUND

### Chassis

TAM 260 A 119 T has a modern, air-suspended rear-engined chassis. The front axle is rigid, supported by two air bellows, four anti-roll bars and guided in three longitudinal and one transverse link. Rear axle is also rigid with four air bellows, four anti-roll bars and guided in two transverse links and two V-shaped links. Such chassis concept ensures ride as com-

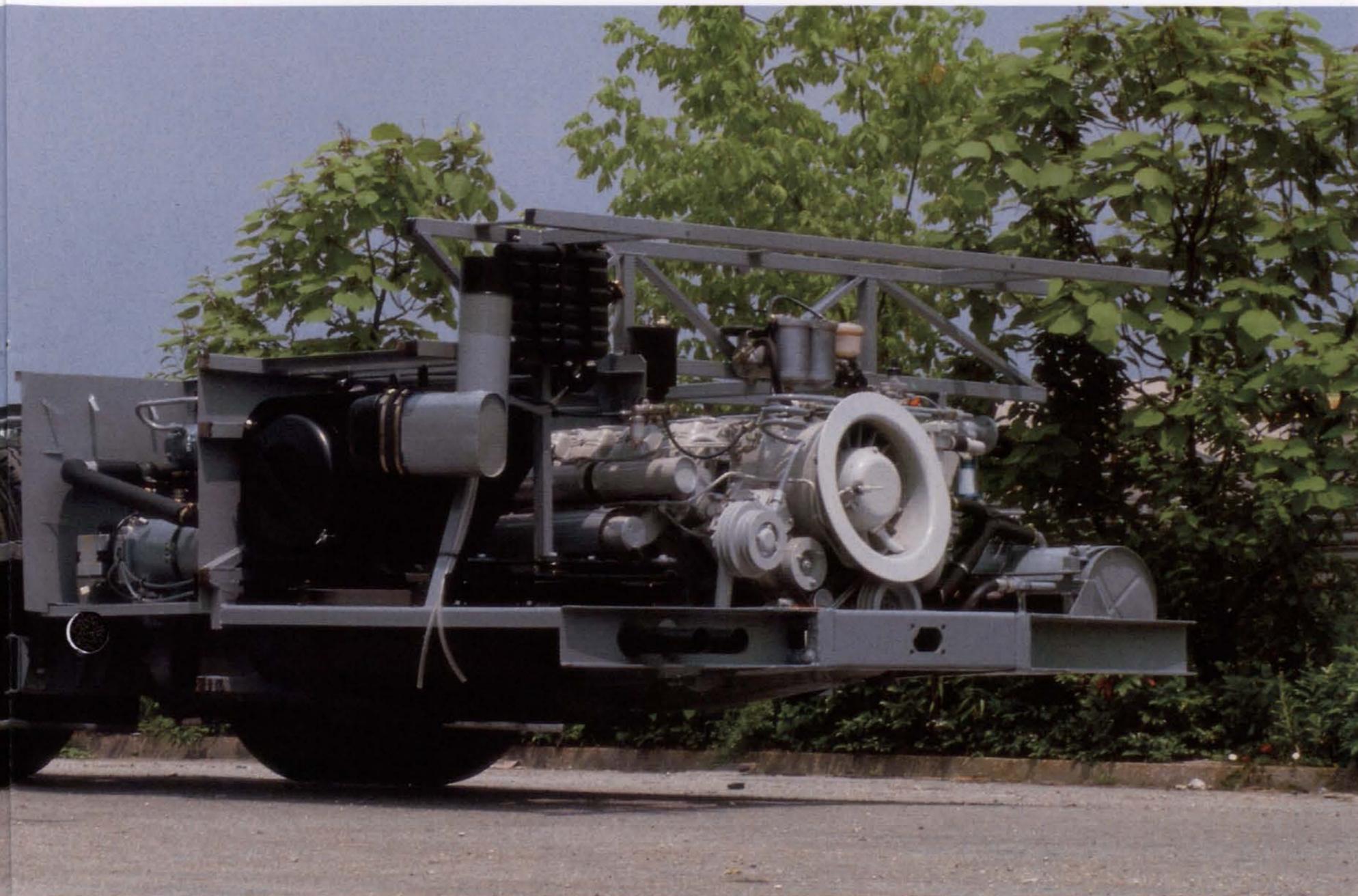
fortable as possible.

### Body

The body tubular frame consists of welded square sections protected in the interior with anti-corrosion material and on the exterior surface with the primer. The outside panelling is 1 mm thick with anti-corrosion paint applied on the interior surface and insulated with sound-deadening material and "styropor".

### Brakes

The vehicle is fitted with a two-circuit air braking system. The brakes are of the drum type, Perrot, Duplex,  $\text{\O}410 \times 200$  mm in front and  $\text{\O}410 \times 220$  mm in the rear. Large braking areas allow safe and reliable braking even in the most demanding driving conditions. Parking brake acts upon the principle of two spring-loaded chambers and the engine brake,

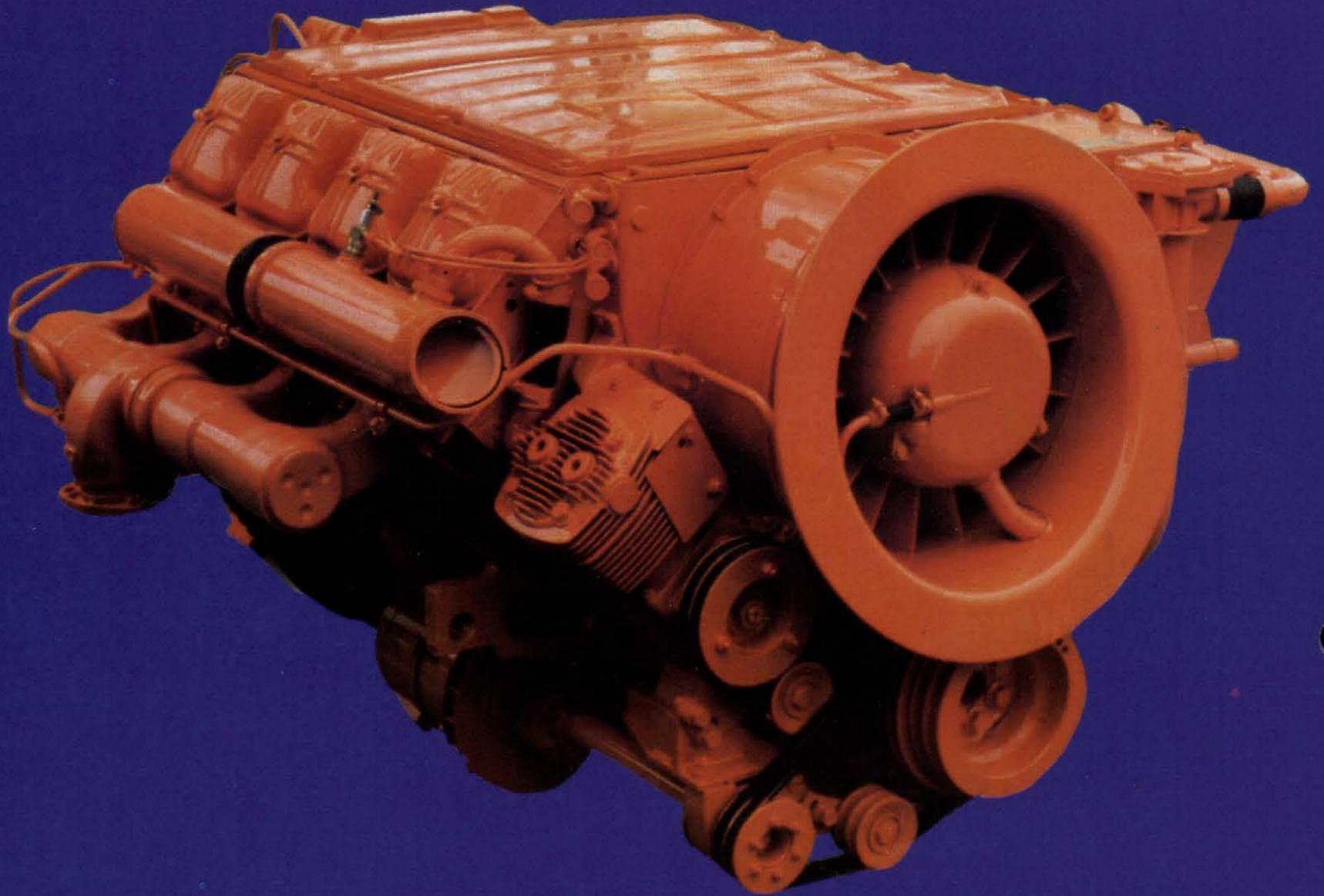


on the other hand, is electro-pneumatically actuated. Optional equipment may include the ABS braking system and electromagnetic brake.

#### **Steering Wheel**

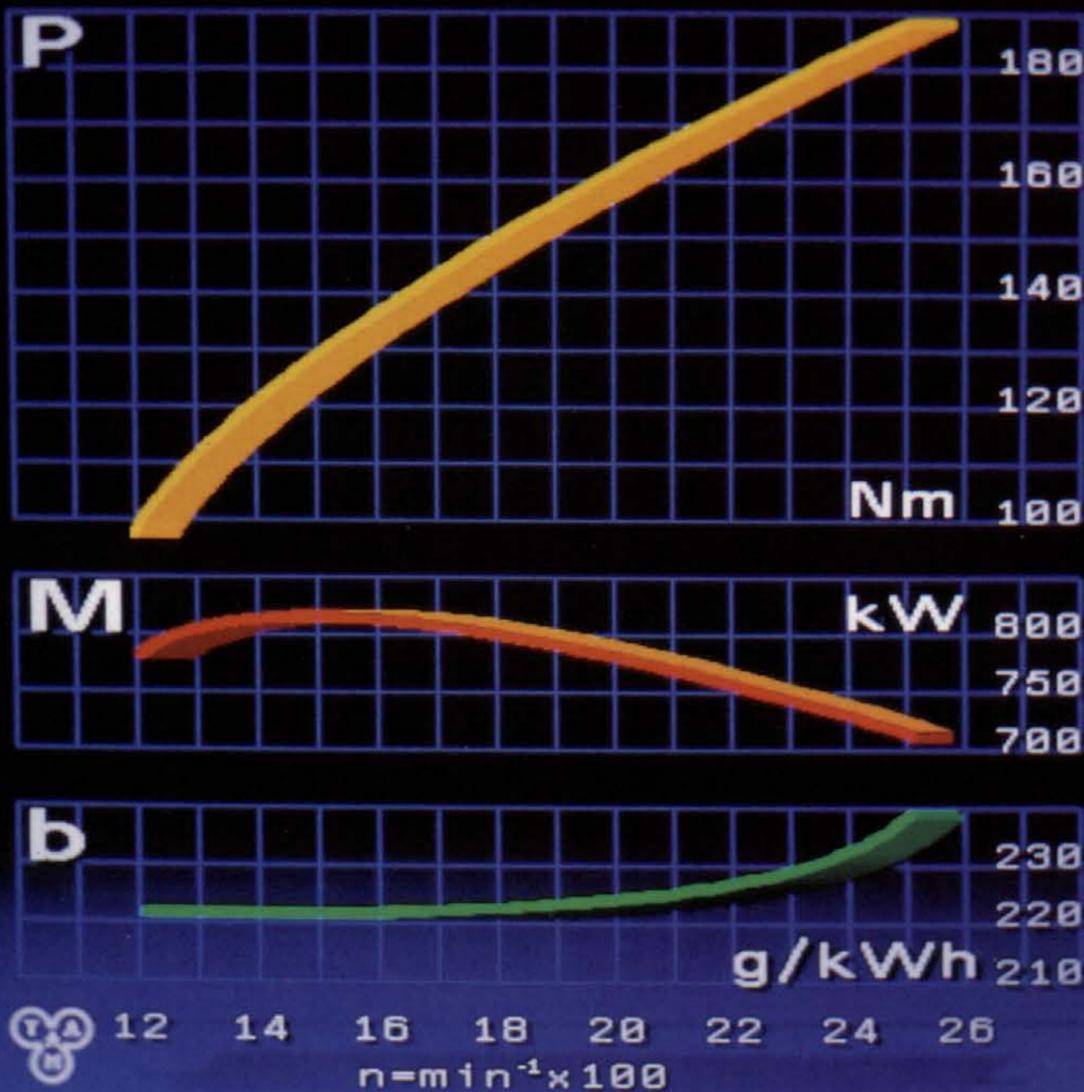
The manoeuvrability of the vehicle is ensured by the PPT 8042 hydraulic steering wheel and a large turning angle ( $46^\circ$ ). Minimum vehicle turning radius thus being only 24 m. The steering wheel (500 mm dia.) with

two spokes is easy to operate with.



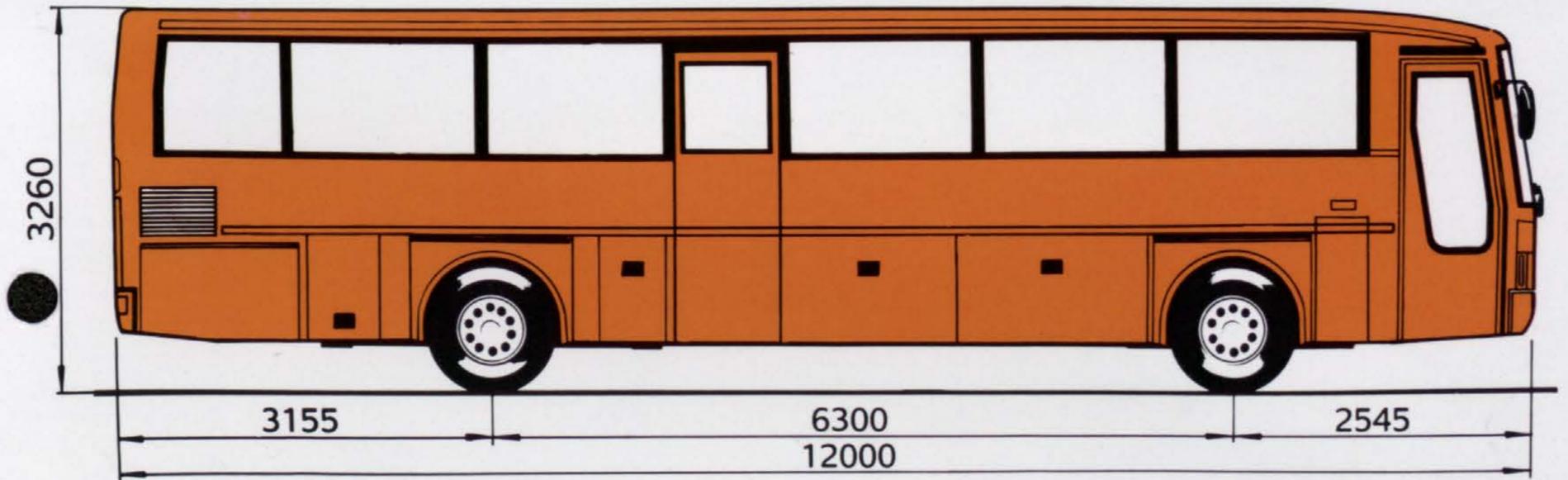
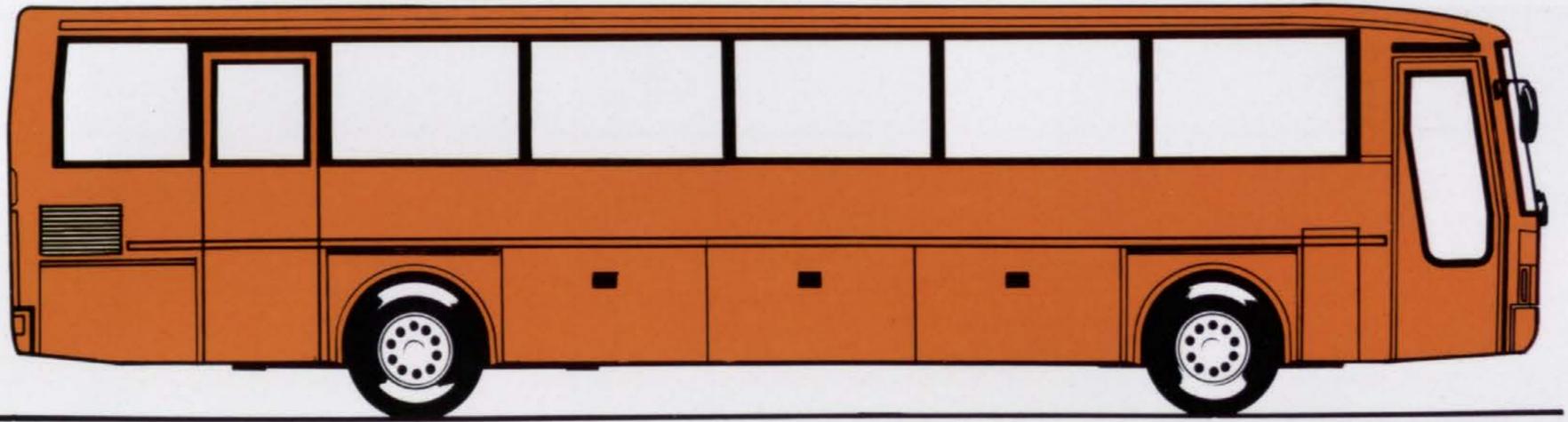
## RELIABLE AND MAINTENANCE-FREE ENGINE

The vehicle is powered by an air-cooled four-stroke 8 cylinder V-90° TAM diesel engine with direct fuel injection. The maximum engine output is 188 kW (256 h.p.) and the maximum torque 890 Nm. The engine is renowned for its low fuel consumption and ease of maintenance.



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### Technical Characteristics

Overall width	2 500 mm
Weight-Unladen	11 200 kg
G. V. W.	16 000 kg

### Performance

Maximum speed	118 km/h
Maximum climbing ability	27 %
Turning circle	24 m
Number of seats	52 + 1 + 1
Capacity of locker	8 cu. m.

### Engine

TAM F 8 L 513 F, air-cooled V 8 (90°) diesel with direct fuel injection; power output 188 kW (256 hp) at 2300 r. p. m. maximum torque 890 Nm at 1500 r. p. m.

Bore	Stroke	Displacement
125 mm	130 mm	12 763 cu. cm

### Clutch

Single dry disc, self-adjustable with air-hydraulic actuation RUEN G 420 KR/W 2 GSZ

### Gearbox

six-speed, synchronized FAMOS 6 MS — 80

### Steering wheel

hydraulic, TAM PPT 8042

### Front axle

rigid, steerable TAM PK 66 — ZV

### Rear axle

rigid, driven TAM PG — 115 — 60 — 1.5 ZV

### Suspension, front

air; 2 air bellows, 4 shock absorbers, 3 longitudinal and 1 transverse link; 4 air bellows, 4 shock absorbers, 2 longitudinal and 2 V-shaped links

### Brakes

drum, PERROT, dual line air system, engine brake, parking brake

### Wheel rims and tyres

8.00 × 20 — 11.00 R 20

### Fuel tank

2 × 185 litres

### Electrical equipment

24 V

### Batteries

2 × 12 V 143 Ah

Right to modifications reserved!



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