

TAM 2000

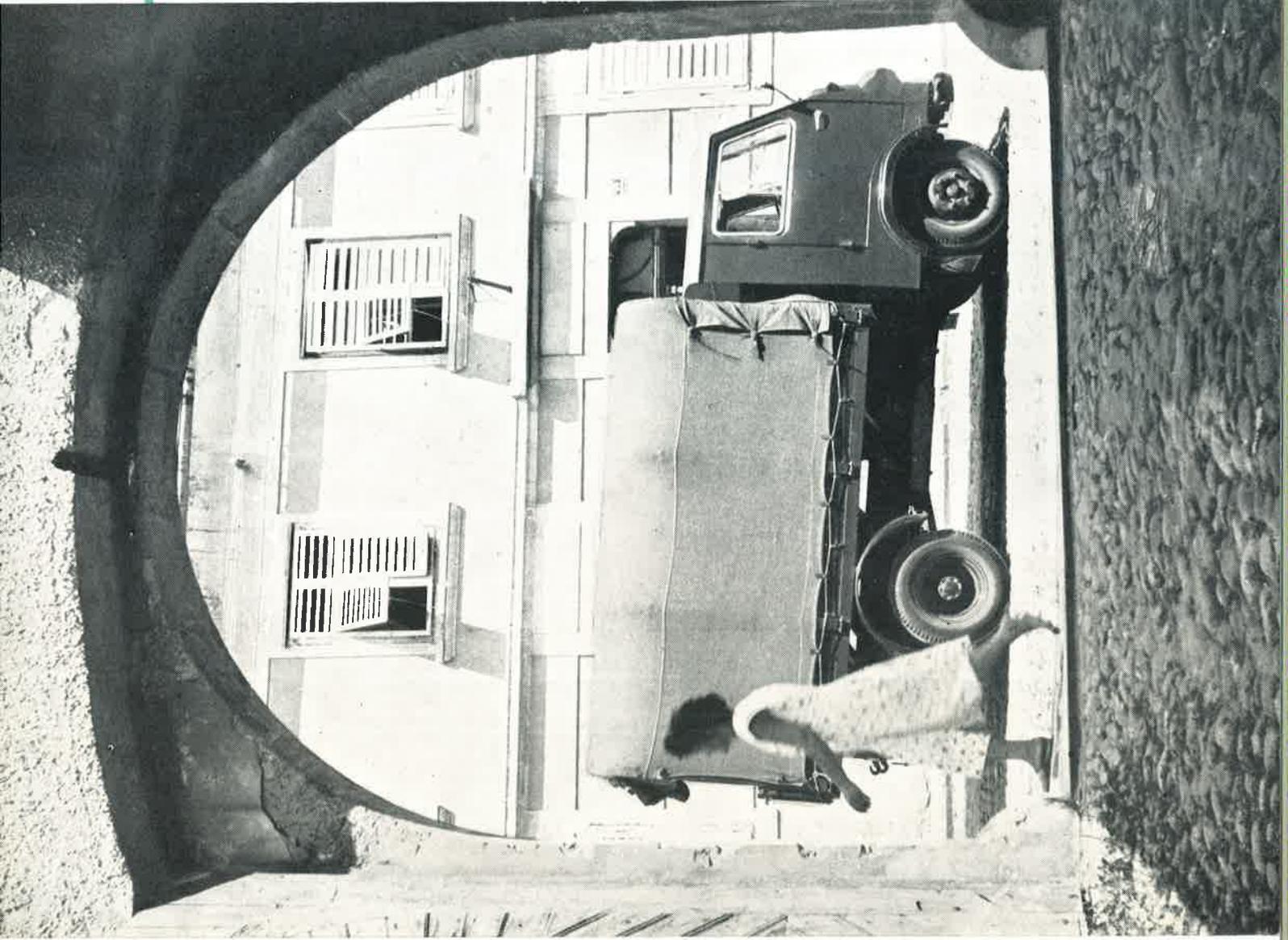
For a long time on our market there was a strong demand for a low tonnage vehicle. The most interest for this type of vehicles has been shown by big stores and other public supply services in the cities. The management of Tovarna Avtomobilov in Motorjev Maribor faced this problem and decided to make a design of a two ton truck. This was a hard task for our engineers. We started first with preliminary work and then design, experiments and finally tests followed. The first prototype was finished and then testing began. The results have been satisfactory, especially if we envisage in what a short time interval the prototype has been completed. This work was followed by the work on tooling and finally the production was launched.

Nowadays the small truck TAM 2000, as it is called, is already known in Yugoslavia and is one of the current products of Tovarna Avtomobilov in Motorjev Maribor.

Truck TAM 2000 - this last achievement of the engineer's staff of the factory arouse the interest of the customers which approved its features. This small, two ton, truck is fit for the transport of light loads on short distances. The designers succeeded in combining a relatively high payload with the small dry weight. The tire of the vehicle, especially the height of the cargo body floor over the soil facilitate the loading and unloading of the vehicle. The TAM 2000 is powered by a watercooled diesel engine IM-034 V of 54 bhp. This engine is famous for its endurance, reliability, and smooth and silent running.

The load distribution, when the vehicle is fully loaded, is as follows: 3527 lb on the front axle and 5842 lb on the rear axle.

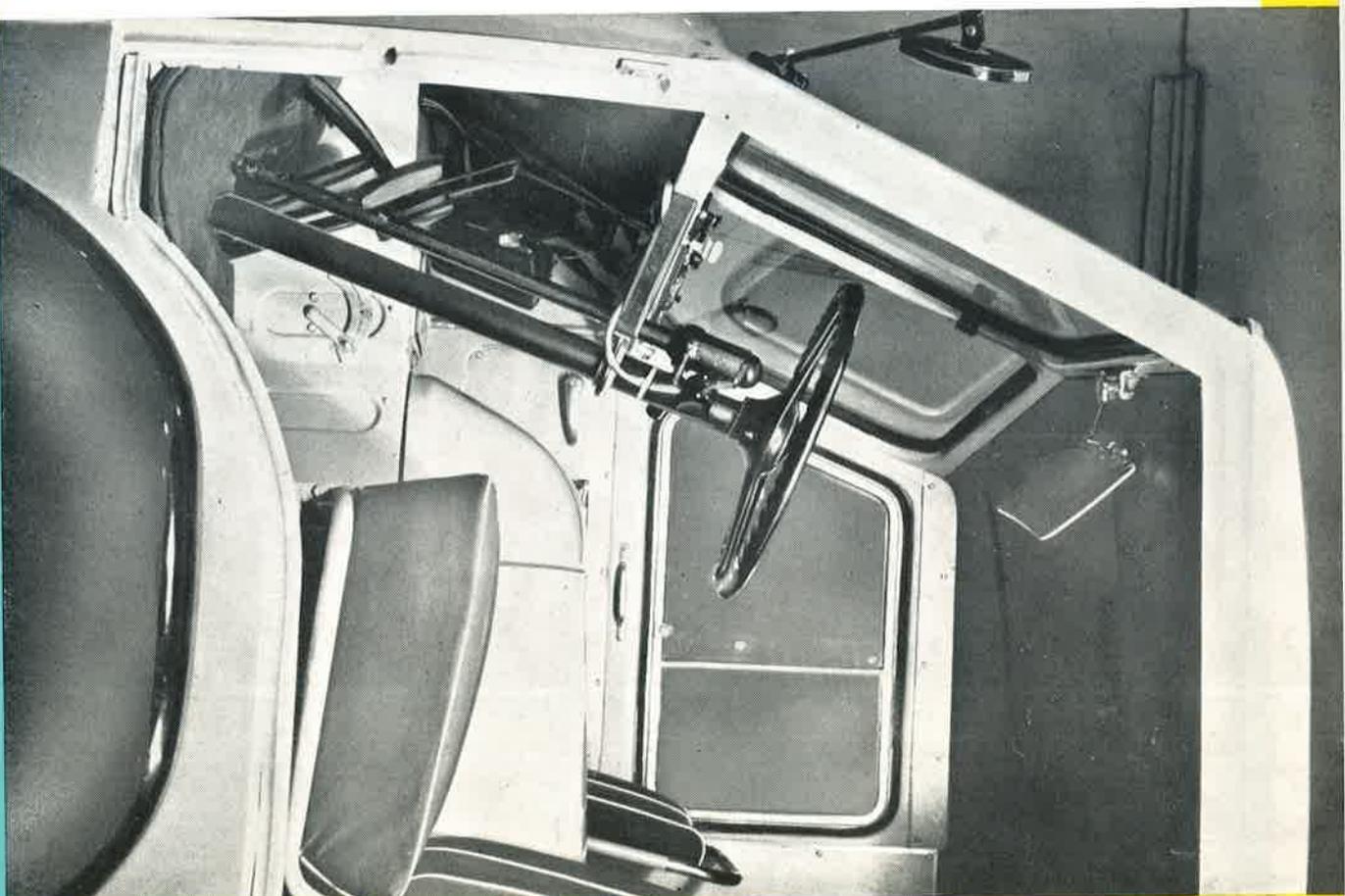
13 hp per 2205 lb of the total load are available which enables the vehicle to develop speeds up to 50 mph (80 km per hour). Besides this, the performances of the vehicle enables it to ascend steep grades up to 26 percent. The turning radius is smaller than 5 meter. The chassis frame is made of two side members of channel section. All joints on the chassis are welded.



GENERAL DATA

ENGINE: 4-cylinder, 4-stroke, water-cooled diesel

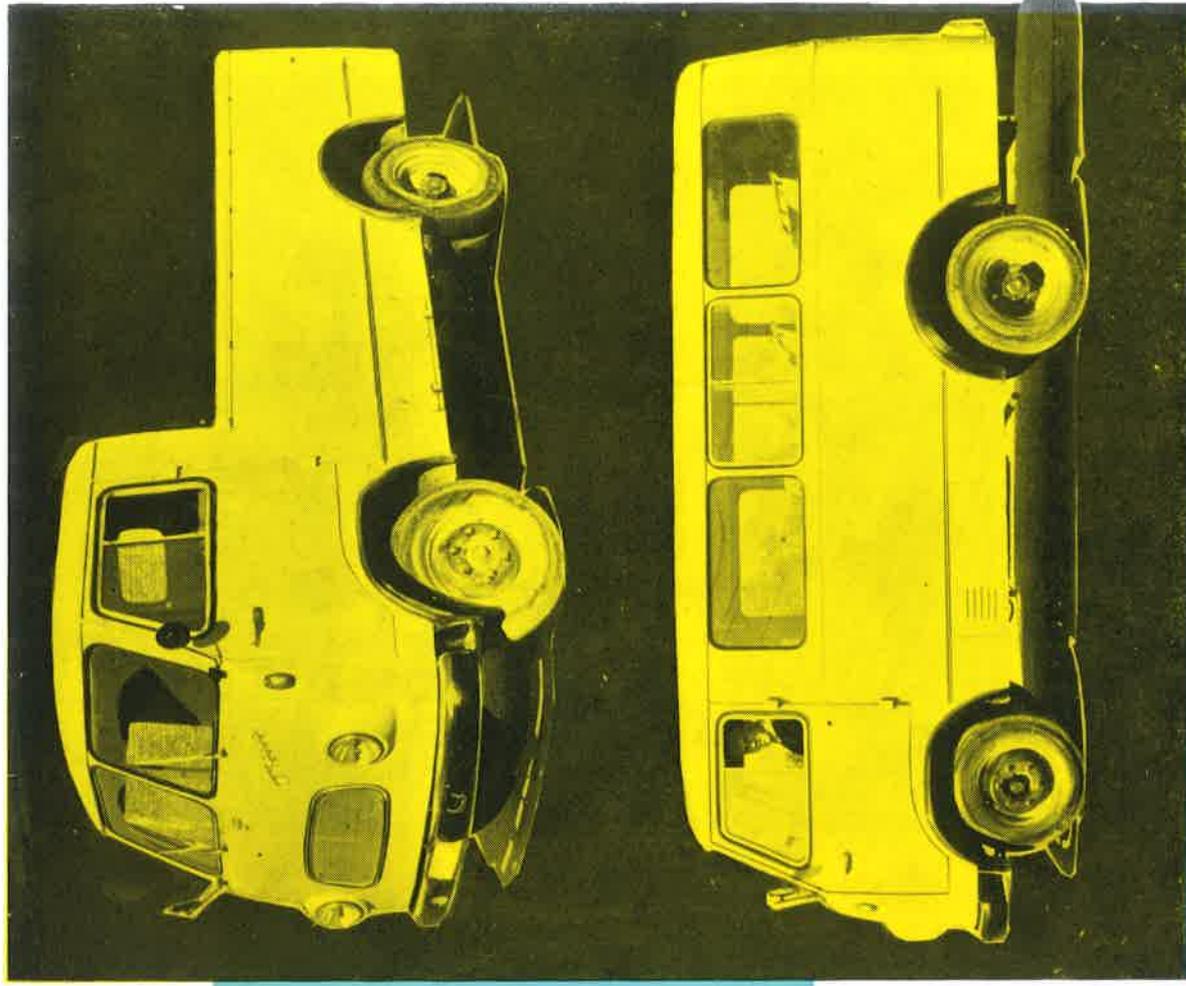
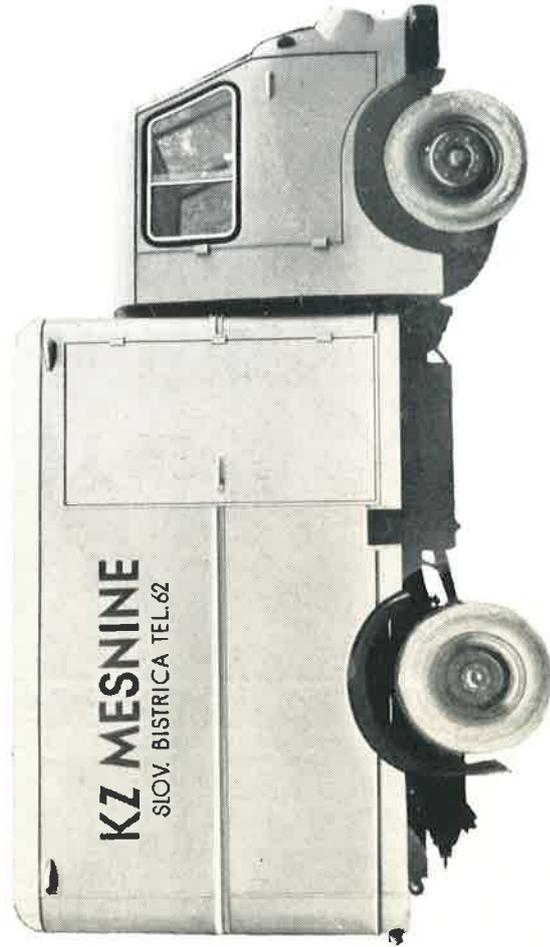
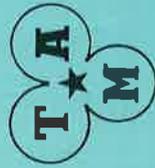
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|---|---|
| Model | 1M-034 V |
| Output at 2400 rpm | 54 bhp |
| Torque at 1300 rpm | 132.3 ft-lb (18.3 mkp) |
| Weight of vehicle ready for drive | 4673 lb (2120 kp) |
| Weight of fully loaded vehicle | 9369 lb (4250 kp) |
| Wheel base | 102 ⁷ / ₈ in. (2600 mm) |
| Overall length | 194 in. (4920 mm) |
| Overall width | 79 in. (2010 mm) |
| Overall height | 83 in. (2110 mm) |
| Transmission speed ratios | 4 + one reverse |
| Sleep grades ascending capacity | up to 26 percent |
| Fuel tank capacity | 12 imp gal (55 lit) |
| Fuel consumption | 23.5 mi per gal (12.1 per 100 km) |
| Circuit voltage | 12 volt |



TOVARNA AVTOMOBILOV IN MOTORJEV MARIBOR

OTHER VERSIONS OF TAM 2000

Station wagon TAM 2000 CB
Delivery van, enclosed TAM 2000 C
Delivery van with tarpaulin TAM 2000 R
Refrigerator van with isothermic
van body and ice cooling TAM 2000 H
Delivery van for bread transport Matil van



TOVARNA AVTOMOBILOV IN MOTORJEV MARIBOR