

VI. THE BASE STRUCTURE

(1) General Layout

The unitised construction is primarily used for tractors; in this method of construction the engine, clutch, gearbox, differential, and rear axles are combined into one block. This is also called integral construction (Fig. 217), as distinct from the chassis-and-frame construction used for passenger cars and lorries (Fig. 218).

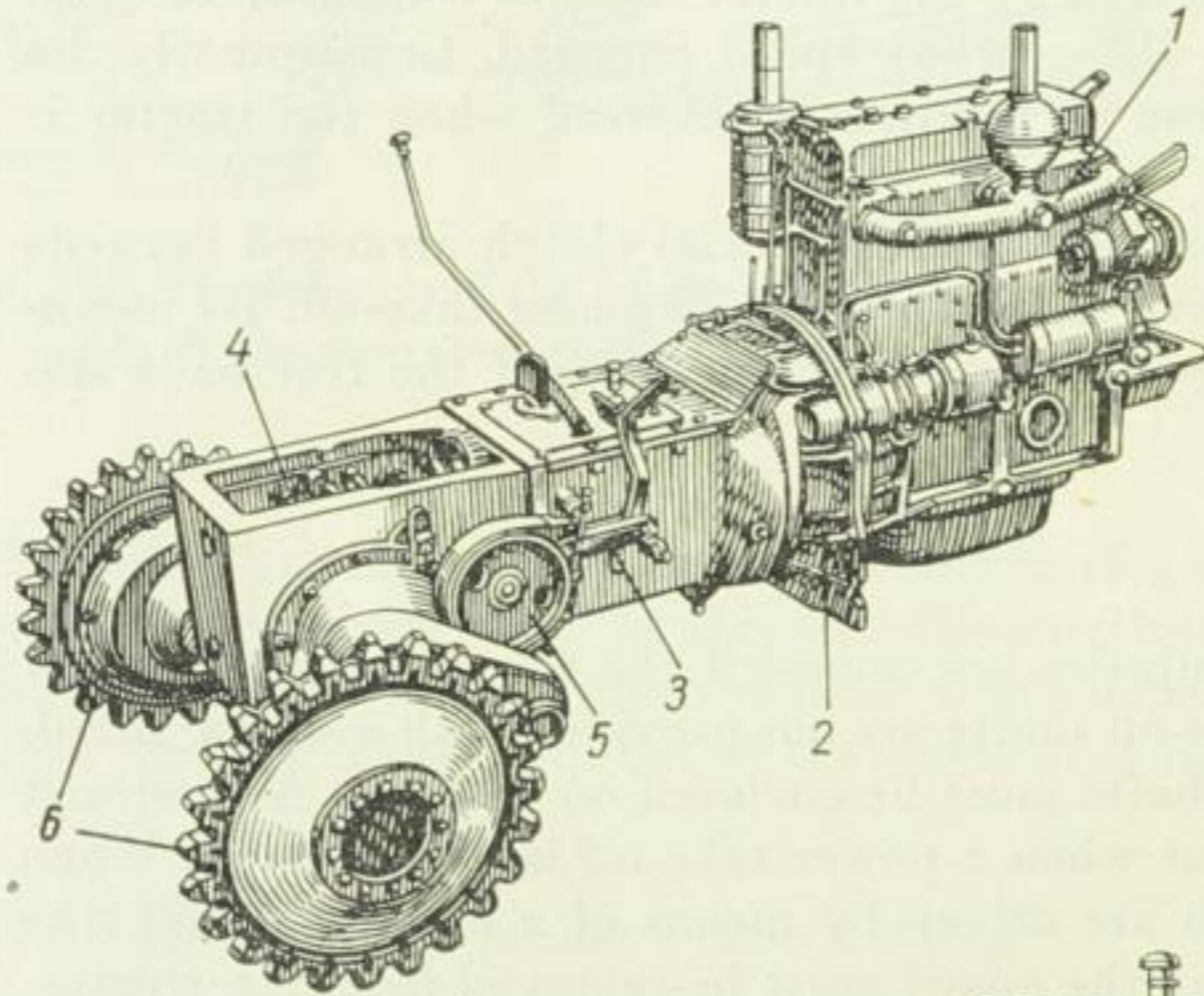


Fig. 217. Integrally constructed basic structure of a crawler tractor

- 1 Engine
- 2 Clutch
- 3 Gearbox
- 4 Differential gear
- 5 Transmission brake
- 6 Track driving sprocket wheels

Fig. 218. Chassis-and-frame construction of a tractor (implement carrier) (Type: R 12 / 12 h.p. - Manufacturer: Hanomag)

