

AEBI
Swiss Quality

Aebi TT240





Technical Data / Aebi TT240

Engine

Turbo Diesel VM D754TE3, 2970 cm³, 4-cylinder, 4-stroke, direct injection, water-cooled, stage IIIA, 55 kW (75 HP) at 2600 1/min, to ECE R24, max. torque 250 Nm at 1600 1/min, torque rise 24%.

Electrical system

12 V, 120 A alternator, 100 Ah high-performance cold-start battery, automatic pre-heat system.

Transmission

Continuously variable hydrostatic with adjusting pump, adjusting motor and 2-speed output gearbox. The vehicle drive control system can be switched on and off.

Speeds

Forward and reverse, Off-road 0–9.5 / 0–20 km/h; road 0–16 / 0–40 km/h.

Power take-off

Standard 1 3/8" profile, 6 splines, dry single-plate clutch operated electro-hydraulically, can be engaged and disengaged under load. Pre-selectable separately front and rear. Direction of rotation clockwise.

Speeds: front 550 and 1090 1/min, rear 580 and 760 1/min.

Axle drive

Permanent 4-wheel drive with Torsen inter-axle differential and fully-lockable differentials in the front and rear axle, operated electro-hydraulically. Option: T-Traction.

Steering

Hydrostatic 4-wheel steering, switchable to front-wheel steering by push-button control, change of steering mode at will by automatic detection and synchronisation of wheel position via inductive sensors. Turning circle radius with all-wheel steering: 3300 mm.

Tyres

Select from: Radial tyres 425/55 R17 with Terra profile or AS profile.

Brakes

Hydraulic twin-circuit servo foot-brake operating on all wheels, in addition hydraulic driving brake. Automatic spring-loaded parking brake on the rear axle.

Cab

Dust-proof all-round view comfort cab, vibration and noise damping, with safety frame (tested to 79/622/EEC), front windscreen, sidescreens and glass door curved, openable rear screen. All screens tinted. Air conditioning unit. Ergonomic seat with multiple adjustments, plus lap seat-belt.

Operation

A total of 24 functions can be controlled via the drive lever. Using the keypad to the right of the driver, additional hydraulic-system functions, and also the heating and airconditioning system can be controlled, and operating sequences such as coupling up front and rear lifting equipment for example can be programmed. All information about the operating state and important settings are shown via a display or with indicator lights.

Hydraulic system

Bosch solenoids, pressure 175 bar, delivery-rate 36 l/min at engine speed of 2600 1/min, oil contents for hydraulic cylinders 10 litres.

Front hydraulic system

3 point Cat. I, displaceable sideways hydraulically, with quick-connection capture sockets and top-link, controllable via multi-function control lever, max. lifting force 1400 kg at 175 bar. With self-regulating load transfer and automatic calibration. Vibration damping for road travel.

Rear hydraulic system

3-point Cat. I + II, raising, lowering, carrying, floating setting, lifting-rods with crank-adjustment, max. lifting force 1400 kg at 175 bar. Quick-action coupling mechanism with cat I/II and cat II balls.

Hydraulic Equipment

Hydraulic couplings 10, front and rear; 1 x doubleacting with float position and valves.

Towing mechanism

Automatic trailer hitch with quick-action adjustment (height above ground 390–910 mm).

Dimensions

Length	3940 mm
Width	1960 / 2050 mm
Height	2130 mm

Weights

Kerb weight	2500 kg
Permissible front-axle loads	2100 kg
Permissible rear-axle loads	2350 kg
Permissible total laden weight	3700 kg
Trailer load, unbraked max.	1500 kg
Trailer load, braked max.	3500 kg
Trailer load with independent brake max.	6000 kg
Hitch load max.	600 kg

Capacities

85 l

Supplementary equipment

Pair of 7.50-18/17 wheels for fitting double tyres at front and/or rear, pair of front mudguards, snow chains. Hydraulic couplings 4, front and rear, 1 x doubleacting with float position. Hydraulic couplings 5, front and rear, 1 x doubleacting, weight transfer couplings, rear, with lowering flow control valve and automatic calibration. Vibration damping for road travel, front cardan-shaft, heavy construction with freewheel, overload clutch and protection device. Hydraulic top link. Rear screen washer, working headlights front and/or rear, revolving light, snow clearance lighting, hydraulic single wheel brakes acting on the rear wheels, coolant heater on request, diesel particle filter.

Technical specifications are subject to change without notice. Photos are without obligation.