

VOLVO TRUCKS

Appendix 5

Technical specification

FH 42T Air rear - T3HA

Practical and legal characteristics

Good quality road >95% of the distance

Long distance transport

The road profile, predominantly flat

Ambient temperature up to +40C

Ambient temperature up to -25C

Basic height of the center of gravity, approx. 1.6m

Relatively clean roads

Maximum load in combination 44 tons

Vehicle width 2600 mm

Romania

Main components

The New Model

The approximate height of the chassis 900 mm

Pneumatic rear suspension

Globetrotter XL FH sleeping

cabin

Wheelbase 3800 mm

Euro 6 anti-pollution standard (SCR+TC EGR+Particulate filter)

Diesel engine, 13 liters Eur06 SCR+EGR, 500 HP

NEW Engine Diesel - Turbo Compound, 13 liters Eur06 SCR+TC EGR,
500 hp, 2810Nm

VEB+ engine brake (Volvo Engine

Brake Plus) Includes the valve on the

exhaust manifold Maximum braking

power:

- 375kW at 2300 rpm for the 12.8 liter engine

VPT AUTOMATED TRANSMISSION 2800NM, DIRECT DRIVE,

12SPEED

Solo rear axle with single reduction, Volvo RSSI 344E, GCW 44 tons

Rear tire 315/70R22.5

Rear axle transmission ratio 2.31

Fuel type - DIESEL

Equipment packages

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VEHICLE FUEL PACKAGE D13

Automatic pilot for additional fuel economy E5 (optimized especially for I-save)

Auto-stop engine idling (after 1 minute idling)

I-See with harness saved in the unit in the truck

POVVER STEERING PUMP WITH ELEC. VARIABLE DISPLACEMENT CONTROL

Package of deflectors (on the cab, rear sides of the cab, chassis) Anti-fogging side bars

Air deflector on the cab

Cab rear side deflector, long

Chassis side deflectors (skirts)

Additional aerodynamic equipment to the chassis deflectors

DRIVE cabin equipment level

Glass hatch with manual operation

Automatic air conditioning

Armrests on the driver's seat

Vinyl armrest upholstery

Senar under the central part of the board

Sleeping package for 2 people

Cabin interior lighting with variable light intensity

Low folding bed 55 degrees, 2000x815/740/660mm (middle/head/foot)

High bed, width 700x1900 mm, adjustable on the heart

Parking heater, 2kW

33L refrigerator under the bottom bed, with freezer

Storage compartment on the back wall of the cabin 154L

(300mm in diameter) Mattress base protection

2 bottle holders, one near the dashboard and one near the bottom bed

Media package with support for Dynafleet

On-board instruments, high performance

Audio speakers on board, doors and in the back

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Visibility+ package

Rear view mirrors with heating, electric adjustment and camera on the passenger side

Rain sensor

Cornering lights

LED headlights, with adaptive high beam

Achomat adjustment of the headlights

Headlight washer

SAFETY PACKAGE 22

Collision detection + ACC + automatic braking

Aletta driver system

LANE CHANGE SUPPORT WITH COLLISION WARNING,
BOTH SIDES

Chassis

Electrical system with two sets of batteries (4 batteries)

Front suspension with parabolic sheets

Maximum front axle load 7.5 tons

Front stabilizer bar, medium stiffness

Maximum rear axle load 13 tons

Rear stabilizer bar, normal stiffness

Pneumatic suspension software with 3 travel levels

Front brake discs with reduced weight

Medium EBS package

Auxiliary parking brake - 2 additional braking chambers

Pneumatic rear suspension

The height of the spar profile 266mm

Chassis thickness 7.0 mm

Battery box on the left of the chassis

Batteries with GEL 2x210 Ah

Refurbished device batteries

General switch controlled from the remote control

530 liter fuel tank

Mounted on the right

Constructed of aluminum

Section height 710 mm Fuel

tank of 650 liters

Mounted on the left

Constructed of aluminum

Section height 710 mm

Basic ground clearance for fuel tank

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AdBlue tank behind the cab and partially below it, on the right side

AdBlue tank 65L - behind the cabin

Fuel tank cap with key

Tank filler neck with anti-leakage system

Horizontal exhaust, exhaust to the rear

2 foldable wheel tracks

Wheel track support mounted in front

Side and rear gauge lamps

Snow chains

Rear console 825 mm

Front towing device

Rear towing device

Two 7-pole couplers for electric cable (24N+24S) UADR

Trailer pneumatic connections, EC conf

Steel semi-trailer connection support, mounted behind the cab

Stationary brake order for (semi)trailer

Rear mudguards, with anti-splash

Normal height mudguards

Mudguards with anti-splash for the rear axle

Steel compressed air tanks

Rear lights with LEDs

Emergency braking warning

Rims and tires

Steel rims

Front tire 385155R22.5

Front tires with class B rolling resistance coefficient

Michelin, X Multi F

Rear tires 315170R22.5

Rear tires with class A rolling resistance coefficient

Michelin, X Line Energy D2

Spare wheel with front tire

Temporarily mounted spare
wheel

12 ton jack

Complete tool kit

Inflated tire hose

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Auxiliary equipment

Electric fuel priming pump

EURO 6 phase E I-Shift with the lever for the automatic gear changer Program I-shift

Professional Basic

Basic functions for PTO on I-Shift

Gearbox oil cooler, basic, with water

2 CML 870L/MIN COMPRESSOR

Automatic disconnectable air compressor Air intake on the cab

Air filter with a filter element

24V 150AMP BRUSH, COMMUNICATION LIN

EXT. NOISE REQ., ECE R51 03 PHASE2 + AUSTRIA NOISE (SIGN-L)

Aluminum CV planetary reducer housing

Diesel filter heater by recirculating heated diesel

Electric air heater for cold starting

Plastic oil pan

Driving mode - advanced AND economical auto mode for shifter

Cabin interior, Driving

Particle filter regeneration - fully automatic

Audio signal - AM/FM

Module in the cabin for camera connection

USB, 3 ports

Left side steering wheel

Steering wheel covered in leather

Additional adjustable steering wheel

1 DAY-STD/SI-GRAPH/DIG4

Maximum speed electronically limited 90 km/h

Electronic Stability Program (ESP)

Lane keeping assist system with audible warning

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Electronic engine immobilizer
Interior side sunshade on the driver's side
Front interior sunshade, textile, manual operation
Storage drawer instead of 2 auxiliary DIN slots
Alarm for reversing
Preparation for the German tax collection system
3 kg fire extinguisher, SWE and ENG label
Reflective vest

2 reflective triangles
Medical kit
Inspection lamp, 24V
Kit with bulbs and fuses
Manuals in Romanian
Labels in English/German
Information on board, the first option is Romanian
Information on board, the second option is German
User manual in one language
Writing support
VAS assistance service activated, with voice channel
Cabin interior, Living room
Vinyl/textile interior AND textile/vinyl seats
Driver's seat with pneumatic suspension, integrated belt and heating
Black seat belts
Standard passenger seat with pneumatic suspension
Steel cabin climbing helper handle
Rubber pads in front of the seats
Very high stiffness mattress for the bottom bed (recommended over 100kg)
WINDSHIELD 1 WINDOWS CURTAIN
Integrated parking air conditioning, with electrically driven compressor 150V DC Air heater control panel, lights, sunroof and doors
2 flexible reading lamps (snake lamps)

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Mirror in the compartment above the windshield, middle
Additional policy in the front compartment, above the windshield
Additional cabin insulation
Windows with green tint

1

Cabin exterior

Maximum total height 4.0 m
Complete painting of the cabin Color of the cabin
White Traffic 1107
Security windows for doors
Central locking with remote control
Plastic front bumper
Front anti-roll bar
Anti-insect net at the radiator
Folding cabin with manual pump
Mechanical suspension in front of the cab
Cab rear mechanical suspension
Lockable/unlockable hood from the inside
Front view mirror, mounted above the windshield
External sun visor above the windshield
Automatic change of daytime running lights with dipped beam
Daytime running lights, LED technology
Fog projectors in the headlights
2 outlets for cables in the pavilion, Dr+St
Electrical preparation projectors on the cabin, max 280W
Logo window lighting (with WITA)
Globetrotter logo for the cabin
Jericho auxiliary horn, mounted in front, single tone
Antenna for broadcast-reception station
Bar for accessories on the cab mounted in front
Mounted emblems
L sign (noise level 80dB) in front of the cabin
Sign "VI" for Eur06
Front bumper spoiler fitted from the factory

Superstructure preparations

Volvo L PRO coupling support
Pedestal height for coupling 200 mm
SAF coupling - HOLLAND +GF+, SK36.20
Basic maintenance of coupling

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Coupling bolt size 2"

To connect at 625 mm in front of the motor axle Platform behind the cab and battery protector

White work lamp semi-trailer connections

Electric panel for bodywork on board, without BBM module

Trailer detector equipped with LED

Additional chassis drilling for repositioning 5VW1-LPRO profiles

Services

Button and microphone for Volvo Action Service assistance

Telematic gate with 4G and WLAN

Dynafleet Online "Fuel and Environment" service - Prepaid subscription for 1 year

Dynafleet Online service "Positioning" - Prepaid subscription for 1 year

L-see map update subscription prepaid for 5 years

PRE-DELIVERY INSPECTION, AT FACTORY

Country of destination - Romania

Legcheck - enabled

Vehicle with EC Certificate of Conformity (COC)

Additional fuel, 50 liters

Complete anti-rust protection

Mandatory hidden variants

CERT-EC 02CERTIFICATION LABELS ACC TO EC

Vehicle costs

Digital tachograph, calibration in Volvo Romania service

Liware marketing accessory

homologation

Delivery FCA GentlGoteborg
