

Date 17.2.2023
Quote no. NZ2022000024
Version 3
Alternative. 1

Your ref.

SL SLOVAKIA, a. s.
Ľupčianska 57
976 13 Slovenská Ľupča

Technical Specification

Please find below the Technical Specification for your new Volvo Truck(s) .

FL 42 R 5L GVW12 AIR

Transport operation

Body width range 2501 - 2600 mm. Mirror arm offset 200 mm.

Vehicle transporter

Without tail lift

Without crane

Without snow plough

Without miscellaneous load handling equipment

Smooth road conditions

Predominantly flat topography

Ambient temperature up to +40C

Ambient temperature down to -40 degrees C

Gross Vehicle Weight 12 tonnes

Legal trailer weight more than 10 tonnes

* Gross Combination Weight 19.0 tonnes

Slovakia (Slovak Republic)

Core components

* Chassis height low - approx. 850 mm above ground level

Rear air suspension, 1 axle - 1 driven

Comfort cab

* Wheelbase 4700 mm

Euro 6 emission level with SCR, particle filter and EGR

Regeneration control of diesel filter particulates - auto in motion, man stationary. Inhibit allowed

EU6 mandatory on board diagnostics, phase E regulations

Four cylinder diesel engine, 5.1 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 240 hp, 900 Nm

Engine brake with Exhaust Press Governor, EPG

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- * Fully automatic planetary transmission with overdrive
 - * Rear single reduction solo axle - axle load 8 tonnes, GCW 18.75 tonnes
 - * Rear axle ratio 3.91
- TIRE 245/70 DRIVE AXLE

Packages

Without airflow package FL

Driver convenience package FL

Visibility package FL

Auxiliary lower window on passenger door

El.heated & operated external rear view mirrors (main&wide angle) & a heated close view on pass side

Without rear side window

Three rubber floor mats with raised edges (driver side, passenger side and engine tunnel)

Central door locking with remote control

Side interior sun visor on driver side (slidable forward and backward)

Electrical manually controlled air conditioning

Overhead storage with lid

Instep lamp (white light) in doors

Additional road speed limiter, adjustable (switch in dashboard)

White front fog lamps

High pressure headlamp cleaner

Dual dashboard electrical outlets, 24V + 12V

- * *Cruise control I-Cruise with controls in the steering wheel, eco-roll.*

Audio System DAB

Chassis

- * Standard aluminium bars for side underrun protection
 - * Mounted rear underrun protection
 - Basic tail lights with bulbs
 - Without environmental incentives
 - * Traction aid
 - Without between frame sides mounted diesel tank
 - Front parabolic leaf suspension (normal stiffness)
 - * Front axle load 4.5 tonnes
 - Electronic Stability Program (ESP) package
 - Rear axle load 8.5 tonnes
 - EBS (Electronic Brake System) medium package incl. traction control system (TCS) and hill start aid
 - * Frame holes in rear overhang
-

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Rear air suspension

Remote control on wander-lead for air suspension levelling with 1 sensor on rear axle

* Frame section thickness - web 8.0 mm / flange 8.0 mm

Batteries 2x170 Ah

Without ADR adaptation

* Main switch with remote controlled circuit shut down

Diesel fuel

* Right 130 litre plastic diesel tank

Without left diesel tank

Plastic AdBlue tank usable volume 32 litres

AdBlue tank mounted on right hand side

Rear exhaust outlet

Without exhaust pipe extension

* Two fixed wheel chocks

High mounted towing member, in centre of frame

Basic towing member (using TOWMBRH)

Rear frame length 2895 mm

Towing coupling Rockinger 400 G-145

* Two front towing devices

Without rear towing device

15 pol electrical trailer connector (ADR certified)

Trailer brake connection, European Community

REAR UNDERRUN PROTECTION FIXED, SLIM EC-APPROVED(R58-3)

* Mounted rear underrun protection - Kaxtool

Transport mounted one-piece rear fenders, only for Jockey transport

Without frame end closing

Rims and tyres

Steel rims on all axles

* Front axle tubeless tyre 245/70R17.5

* Michelin, X Multi Z

* Drive axle tubeless tyre 245/70R17.5

* Michelin, X Multi D

* Spare wheel with tyre equal to front wheel

* Spare wheel carrier mounted behind rear axle and below frame

* Jack, 6 tonnes

* Tyre inflation hose

* Tyre pressure gauge

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Powertrain equipment

Without idle shut-down time

- * Drive mode Economy (Without button)

Manual Transmission Mode - Possible to switch from Automatic to Manual mode

Without preparation kit for electric generator

Oil Drain Interval up to 70 000 km

Without gearbox kick-down mode

- * This software package is ideal for long-haul operations where strong emphasis is placed on fuel econ

- * Without clutch

Without retarder

- * Oil cooler for hydraulic transmissions – water/oil

Single cylinder air compressor 360 cc / 500 l/min

High air intake, mounted behind cab on left hand side

- * Air cleaner with additional filter element

- * Alternator 130 Ampere

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

Open crankcase ventilation with oil separator and a maintenance free gas centrifuge

Electrically heated fuel filter

Engine start pre-heating element

Electrical engine block heater, 220V/0.8kW

Without front engine mounted PTO

- * Rear engine mtd clutch indep PTO, splined shaft groove (female) /close coupled pump(DIN5462/ISO7653)

- * Gearbox mounted (torque conv side) Hydrocar high speed PTO (DIN 5462/ISO 7653) for pump (350-400 Nm)

Without gearbox mounted hydraulic pump

- * ANTI-FREEZE -37C (-34F) WITHOUT NITRITES

Electronic throttle control - dash mounted switch for PTO speed control

Cab interior

Without customer reduced road speed limiter

Tachograph with white background and multicolour cluster display with black background

Comfort driver seat - heated, belt in seat

- * Standard passenger seat - belt in seat, adjustable shock absorber and heated

Single armrest on passenger (next to driver) and driver seats

Bed Length=1.8 m, Width=0.58 m + smoke detector and curtains

Protection bar for the bunk

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Without removable storage box behind passenger seat

Without engine tunnel storage box

Without rear wall cloth hanger

Gen 2 one day digital tachograph, EC approved

Cab parking heater, 2 kW

First publication language English

* Driver information first optional language Slovakian

* Driver information second optional language German

Forward collision warning (stationary&moving objects) with basic cruise control & emergency braking

Lane keeping support - lane departure warning system

* Heated front windscreen

Without immobiliser

Without burglar alarm

Electrical window lift

Front and side curtains (not covering lower or rear windows if specified)

* Amber warning lamp

* Inspection lamp

* Driver's handbook in both local language and English

Auxiliary power outlet, 24V preparation kit

Auxiliary pneumatic outlet in dashboard

Black safety belts, passenger and driver seats

Reversing warning unit (back-up alarm)

Without fire extinguisher

Without warning vest

One warning triangle

First aid kit

Road speed limiter setting 90 km/h

Electrically operated roof hatch

* Glass roof hatch

Without writing pad

Mechanically adjustable steering wheel, 2 motions

Cab exterior

Without chassis side skirts

Cab colour solid China Red (NCS 2175-Y85R)

Tinted windows

Without rear window

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Foldable front view mirror above windscreen, passenger side

Exterior transparent dark grey front sun visor

Without roof air deflector

* Short cab side air deflectors

Adjustable headlamps to adjust the height of the light beam

V-shaped ("V-light") day running light (LED)

* Without roof mounted beacon warning lamp

* Two roof mounted single tone chromed air horns

Roof mounted antenna and cables for CB radio, single aerial

* Front roof mounted accessory bracket - roof reinforcement, wiring, pre-drilled holes in roof, switch

* Mounted emblems

* L-sign in front (noise level 80dB)

Superstructure preparations

* Body attachment joints, flexible kit (spring)

* Front body attachments for flexible body

* Rear body attachments, divided

Without crane plates

* Electrical crane preparation kit (switch in dash and 20 amp power supply incl.)

Without tail lift preparation

Body building preparation with wiring passage in cab floor

Body builder module complete - dash electronic control unit to chassis + wire

Delivery services

Dynafleet Positioning+ service, monthly subscription

* Dynafleet Fuel & Environment service, monthly subscription

Dynafleet Driver Times service, monthly subscription

* Dynafleet Positioning service, monthly subscription

Fuel Advice service, monthly subscription

Telematics gateway with 4G modem long term evolution and WLAN.

Fleet Management System gateway, preparation kit

Without daily inspection

Without My Truck app

Admin

Legislation check enabled for order

Lighting and signaling requirements according to ECE R48

Masses and dimensions requirements acc. to 1230/2012

Brake performance requirement according to ece r13-11

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External projection requirement according to ECE R61

COUNTRY SLOVAKIA

No offroad requirements

Whole Vehicle Type Approved

Without extra fuel filling

Full transport rust protection, 3000 ml tectyl - replaces standard/partial protection 500 ml tectyl.

Internal Workshop

Local Costs

Handover Kit

Tachokalibracia

Recycling fee

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Electric Truck battery/range disclaimer

We recommend battery capacity required using key information such as the specification of the vehicle and body, the route/duty cycle you notified to us and the climate to predict the vehicle's effective range during a typical lifespan. Within the calculation there are a number of assumptions made which are intended to replicate a typical usage pattern. However, in common with all vehicles,

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actual range will be affected by the circumstances experienced by the vehicle in use including but not limited to, the payload, the route taken, the driving style of the driver, the weather and the usage of key electrical systems such as the lights, cab heaters and body mounted equipment. Therefore whilst the Volvo Group Belgium , the members of the AB Volvo group of companies and its authorized network will use every effort to ensure the accuracy of the recommendation we do not accept any liability for the vehicle failing to achieve the predicted range.