

V O L V O

VOLVO FMX FMX 440 6X4 T RSS PRIME MOVER



Volvo Trucks. Driving Progress

All images are for illustration purposes only. Actual product may vary.

VOLVO FMX 440 6x4 T RSS Prime Mover

GVW : 40,000kg
GCW : 100,000kg/ 120,000kg
FRONT AXLE LOAD : 8,000kg
REAR AXLE LOAD : 32,000kg/ 33,000kg

ENGINE D13A440 (Euro 3)

In-line six cylinders Inter-cooled turbo charged. Tropicalised watercooled Electronic Management System (EMS) with Cruise Control and Speed limiter Incorporated with engine brake effect VEB+ at 2300 r/min*: 375 kW Smart water separator as standard
Maximum output: 324kW (440hp) 1400-1800rpm
Maximum torque: 2200Nm 1050-1400rpm
Economy engine speed range 1050-1600 rpm
Engine Idling Shutdown

GEARBOX

AT2612F
12-speed electronically controlled splitter and range-change transmission designed for automatic gearchanging, with the possibility of manual shifts
Incorporated with extra-high performance oil cooler

REAR AXLE

RTH3210/ RTH3312 -Tandem Axle with Hub Reduction
Maximum axle weight: 32T/33T
Rear axle with differential lock between wheels and axles

FRONT SUSPENSION

3-leaf Parabolic springs with stabilizer and double-acting hydraulic shock absorber

REAR SUSPENSION

Multi leaf spring - 9 leafs springs

BRAKE SYSTEM

Z-Cam brake with Automatic slack adjustment - Drum Brake
Anti-lock Braking System (ABS)
Electric Parking Brake
Dual-circuit compressed air braking system with spring brake cylinders on the front axle and both drive axle on the front axle and first drive axle
Hand Control Trailer Brake
Load Sensing Valve on drive axles
Retarder - OPTION
Electronic Braking System (EBS Medium)
With Advanced Functionally: Anti-Lock Braking System (ABS), Traction Control System (TCS), Lining Wear Sensing (20%), Lining Wear Control, Brake Blending, Drag Torque Control, Differential Lock Synchronize, Differential Lock Control, Brake Temperature Warning, External Brake Demand, Diagnosis Via Truck Electrical System, Emergency Brake Assistance, Constant Wheel Brake Monitoring , Coupling Force Control , Automatic Parking Brake Activation, Lining Wear Analysis, Hill Starting Assistance, EBS status monitoring via Truck Electronic System

EXHAUST SYSTEM

Right hand side vertical muffler with exhaust heat shield

WHEELBASE

3,400mm + 1370

RIM SIZE

9.00 x 22.5, pressed steel rim - Eleven (11) pieces

TYRE SIZE

295/80R22.5, tubeless tire

ELECTRICAL EQUIPMENT

24 V system with 12V transformer
Standard Batteries: Capacity 170 Ah - Two (2) pcs
Alternator : Capacity 110 A
Standard Battery main switch

CABIN

FMX - Sleeper Cabin with two seats and sleeping bunk
Electrical Manual Control Air-conditioning system
Dashboard Integrated 9" color information side display
Instrumentation, high performance 12" fully dynamic instrument cluster
Additional Road Speed Limit (ARSL)
Immobilizer
Airbag (Driver side only)



Steering Wheel Adjustment with Neck Tilt
Cruise Control (Control in steering wheel)
Fully adjustable Driver Seat
External & Internal Sun-visor
Electrical control rear view mirror with side camera
Black color 3-points safety belts
Laminated windshield
Electrical windows
Integrated Front Underrun Protection System (FUPS)
Central Door Locking
Colour : Winter White (1103WHIT)
Sky window of tinted glass/roof emergency exit

FUEL TANK

450 litres aluminium tank
Fitted with lockable fuel filler cap
Fuel Filling Anti-Theft and Anti-Spillage Device

LIGHTING

Halogen H7 head lamps
V shape (V-light) Day Running Light (LED)
LED Tail Lamps
Two (2) Fog Lights incorporated in front cluster light
One (1) Fifth-wheel working light (Clear)
Four (4) Side Marker (LED Type)
Two (2) Pilot/ Roof Lights (LED Type)
One (1) rotating beacon light

ACCESSORIES

Reverse Buzzer
Air Horn
Air-Conditioning System
Electrical Transformer
High Power Audio System
Rubber Floor Mats
First Aid Kit
Fire Extinguisher
Breakdown Triangle
Original Roof Air Deflector
Original Cab Side Air Deflector
Side Underrun Protection
Fleet Management System Gateway
Telematics Gateway

ANXILLARY EQUIPMENT

Four (4) Rear 3 pieces Fenders
Four (4) Anti-spray Mud Flap
Access platform

FOR TRAILER CONNECTION

Cast 5th wheel (Jost JSK 38C)
ISO1185 Seven (7) pins Electrical connection for trailer lighting
ISO3731 Seven (7) pins Electrical connection for trailer equipment



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