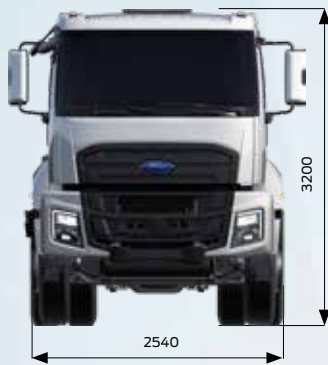


FORD TRUCKS 4142M EURO6



Basic Features

Vehicle Type	Mixer
Axle	8x4
Emission	Euro 6
Cabin Type	Day Cab
Wheelbase (mm)	5100

Engine

Type	Ecotorq 12,7 liters
Displacement (cc)	12740
Bore x Stroke	130 mm x 160 mm
Power	420 PS (308,9 kW) / 1800 rpm
Torque	2150 Nm / 1000-1300 rpm
Compression Ratio	17 +/- 0,5 : 1
Oil Filling Volume	50 L
Coolant Volume	57 L (77 L with Retarder)

Transmission

Clutch	430 mm Single Disc
Manuel Transmission / Ratios (1. gear - 16. gear)	ZF 16S 2530 (13,805-0,836)
Automated Transmission / Ratios (1. gear - 16. gear)	Ecotorq 16S 2600 OD AMT (14,107 - 0,823)

Steering

Electro-Hydraulic Power-Assisted Steering System (EHPAS)

Chassis

Chassis Thickness	10 mm with Local Reinforcement
Chassis Strength	500 MPa
Suspension (Front / Rear)	90 mm Parabolic Leaf Springs / 100 mm Parabolic Tandem Suspension
Axle	Hub Reduction
Axle Ratio (Manual / Automatic)	4,08 / 3,57
Tyres	315/80 R 22,5
Wheel Rim	22,5 x 9 Steel

Braking System

Brakes (Ø mm x mm Length)	430 x 45 - Disc Brakes
Braking System	Dual Brake Circuit - Air Processing Unit with Integrated Oil Separator and Heater
Engine Brake Power	max. 320 kW (Engine Level)
Retarder Power	max. 450 kW / continuous 160 kW

Electrical System

Battery	225 Ah
Alternator / Starter Motor	130 A / 6,5 kW

Tanks

Fuel Tank	315 L Steel
SCR Tank	55 L



Sharing the load

Dimensions (mm)					
Front Overhang	1500				
Wheelbase	5100				
Overall Length	8890				
Distance Between 1 st and 2 nd Wheel Centers	2050				
Distance Between 2 nd and 3 th Wheel Centers	3050				
Distance Between 3 th and 4 th Wheel Centers	1350				
Overall Cab Length	1820				
Overall Vehicle Height	3200				
Overall Vehicle Width (Excluding Mirrors)	2540				
Chassis Width	770				
Rear Overhang	940				
Useful Chassis Length	6494				
Chassis Height - Front	1185				
Chassis Height - Rear	1186				
Ground Clearance - Front	380				
Ground Clearance - Rear	296				
Turning Radius	10640				
Weights (kg)	1. Axle	2. Axle	3. Axle	4. Axle	Total
Technically Permissible Weights	8000	8000	13400	13400	41900
Kerb Weight	3676	3848	1913	1913	11350
Payload	4354	4152	11487	11487	30550
GVM (Legal)	8000	8000	9500	9500	32000

STANDARD EQUIPMENT

- Manuel Air conditioner
- Multimedia System with 9" Touch Screen & Navigation (Radio, Bluetooth, USB (A Type - C Type), Apple CarPlay, Android Auto, Remote Control)
- 4 Points Independent Cab Suspension for Day Cab
- Engine Driven PTO & Interior Control Unit
- Cruise Control
- Engine Brake
- Disc Brake
- Electrically Operated Windows
- Electrically Operated and Heated Side Mirrors
- Electrically Operated Headlamp Leveling
- Rake and Reach Adjustable Steering Column
- Heated and Air Suspended Driver Seat
- Lumbar Support
- Anti-lock Brake System (ABS)
- Continuous Wear Sensor
- Immobilizer
- Home Safe
- Approach Lights
- Differential Lock
- Digital Tachograph
- Rear Window **
- Front Towing Hooks (Double Hook)
- Short Bumper
- DAB Radio***
- Electronic Brake System (EBS) and Electronic Stability Control (ESP)
- Automatic Traction Control (ATC)
- Advanced Driver-Assistance Systems (Cybersecurity Improvements, Rear View Camera, Moving-off Information System, Blind Spot Information System, Tire Pressure Monitoring System, Emergency Stop Signal, Alcohol Interlock Facilitation, Traffic Sign Recognition, Driver Alert System, Lane Keeping Alert)

OPTIONAL EQUIPMENT

- Retarder
- ADR Pack
- Wet Type Cab Heater
- Auxiliary Cabin Heater (Wet Type)
- Cold Pack with Dry & Wet Type Cab Heater and 225 Ah Battery*
- Switchable Air Compressor for Improved Fuel Economy
- Transmission Driven PTO Options & Interior Control Unit
- Rubber Suspension (28T)**
- Front and Rear Vehicle Antiroll Bars
- Dual Passenger Seat*
- Lateral Protection
- Manually Operated Sunroof
- Less Spare Tire
- Rear Towing Hook
- Twin PTO (high ratio) / Twin PTO (low ratio)****
- Led Headlamps

* Not available with Low Roof Sleeper cab version.

** 241 kg lighter compared to standard suspension vehicle.

*** DAB Radio can be standard or optional according to the market.

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