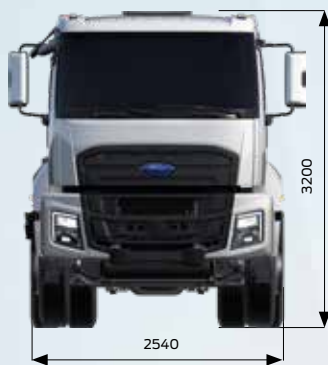


# FORD TRUCKS 4142M L EURO6



## 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
Automated Transmission / Ratios (1. gear - 16. gear)	Ecotorq 16S 2600 OD AMT (14,107 – 0,823)

## Steering

Electro-Hydraulic Power-Assisted Steering System

## Chassis

Chassis Thickness	8 mm with Local Reinforcement
Chassis Strength	500 MPa
Suspension (Front / Rear)	Parabolic Leaf Springs / Parabolic Tandem Suspension
Axle	Single Reduction
Axle Ratio	4,11
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 Aluminium
SCR Tank	55 L



Sharing the load

## Dimensions (mm)

Front Overhang	1500
Wheelbase	5100
Overall Length	8890
Distance Between 1 <sup>st</sup> and 2 <sup>nd</sup> Wheel Centers	2050
Distance Between 2 <sup>nd</sup> and 3 <sup>th</sup> Wheel Centers	3050
Distance Between 3 <sup>th</sup> and 4 <sup>th</sup> 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	7500	7500	10500	10500	36000
Kerb Weight	3345	3418	1831	1785	10379
Payload	4155	4082	8669	8715	25621

### 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)
- Air Suspended 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)
- Front and Rear Vehicle Antiroll Bars

### OPTIONAL EQUIPMENT

- Transmission Direct (Single Gear) PTO with Flange (includes Power Take off Control Unit)
- Transmission Direct (Single Gear) PTO without Flange (includes Power Take off Control Unit)
- Transmission Offset (Double Gear) PTO without Flange (includes Power Take off Control Unit)
- Transmission Direct (Double Gear) PTO with Flange (includes Power Take off Control Unit)
- Retarder
- ADR Pack
- Wet Type Cab Heater
- Switchable Air Compressor for Improved Fuel Economy
- Transmission Driven PTO Options & Interior Control Unit
- Dual Passenger Seat
- Lateral Protection
- Manually Operated Sunroof
- Less Spare Tire
- 4300 mm Wheelbase Version
- 4750 mm Wheelbase Version
- Hub Reduction
- Twin PTO (high ratio) / Twin PTO (low ratio)
- 7 T Front Axle Capacity
- Aluminium Wheel Rim
- Technology Pack (Pre-Collision Assist, Auto High-Beam Headlamps & Pre-Collision Assist with Pedestrian Detection)
- Rain Sensor
- Led Headlamps

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