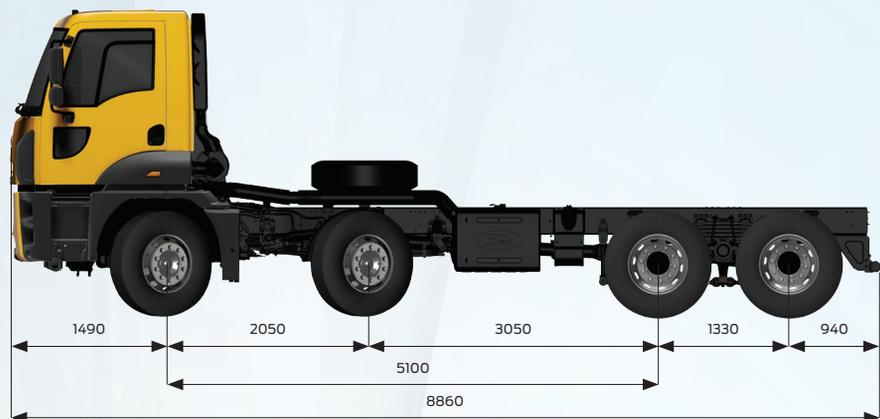


# FORD TRUCKS 4142M EURO6



## 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	37 L (57 L with Intarder)

## Transmission

Clutch	430 mm Single Disc
Manuel Transmission / Ratios (1. gear - 16. gear)	ZF 16S 2230 (13,805-0,836)
Automated Transmission / Ratios (1. gear - 12. gear)	ZF 12 TX 2210 (16,688-1)

## Steering

Power assisted single circuit

## Chassis

Chassis Thickness	10 mm
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. 340 kW (Engine Level)
Intarder Power	max. 600 kW / continuous 160 kW

## Electrical System

Battery	24V, 2 x 12V 150 Ah
Alternator / Starter Motor	130 A / 6,5 kW

## Tanks

Fuel Tank	315 L Steel
SCR Tank	55 L



## Dimensions (mm)

Front Overhang	1490
Wheelbase	5100
Overall Length	8860
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	1330
Overall Cab Length	1820
Overall Vehicle Height	3292
Overall Vehicle Width (Excluding Mirrors)	2540
Chassis Width	770
Rear Overhang	940
Useful Chassis Length	6490
Chassis Height - Front	225
Chassis Height - Rear	285
Ground Clearance - Front	475
Ground Clearance - Rear	303
Turning Radius	10640

## Weights (kg)

	1. Axle	2. Axle	3. Axle	4. Axle	Total
Technically Permissible Weights	8000	8000	13400	13400	41000
Kerb Weight	3445	3476	2093	2001	11015
Payload	4555	4524	11307	11399	31785
GVM (Legal)	7500	7500	9500	9500	32000

## STANDARD EQUIPMENT

- Air Conditioner
- Radio/CD Player
- 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
- Manually Operated Sunroof
- Front and Rear Vehicle Antiroll Bars
- Anti-lock Brake System (ABS)
- Brake Lining Wear Sensor
- Immobilizer
- Single Key with Remote Control and Central Locking
- Home Safe
- Approach Lights
- Differential Lock
- Digital Tachograph
- Rear Window \*\*

## OPTIONAL EQUIPMENT

- Automated Transmission (with Normal Mode, Off-Road Mode, Rocking Mode)
- Intarder
- ADR Pack
- Low Roof Sleeper Cab with Single Bed
- Wet Type Cab Heater
- Cold Pack with Wet Type Cab Heater
- Cold Pack with Dry & Wet Type Cab Heater \*
- Power Cab Tilting
- Switchable Air Compressor for Improved Fuel Economy
- Transmission Driven PTO Options & Interior Control Unit
- Automatic Traction Control (ATC)
- Rubber Suspension (28T)\*\*\*

\* Only available with Low Roof Sleeper cab version.

\*\* Not available with Low Roof Sleeper cab version.

\*\*\* 241 kg lighter compared to standard suspension vehicle.

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