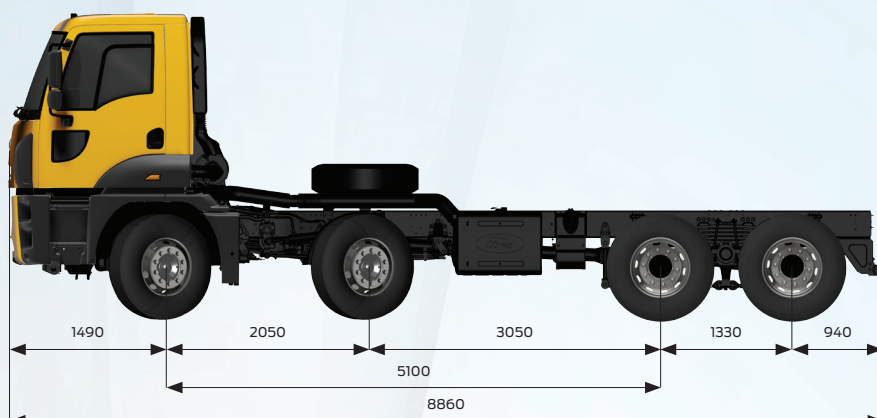


# FORD TRUCKS 4143M EURO3



## Basic Features

Vehicle Type	Mixer
Axle	8x4
Emission	Euro 3
Cabin Type	Day Cab
Wheelbase (mm)	5100

## Engine

Type	Ecotorq 12,7 litres
Displacement (cc)	12740
Diameter x Stroke	130 mm x 160 mm
Power	430 PS (316,3 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 (Front / Rear) (Ø.mm x mm. Length)	410 X 200, Z-Cam Brake System
Braking System	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater
Engine Brake Power	max. 340 kW (Engine Level)
Intarder Power	max. 600 kW / continuous 160 kW

## Electrical System

Battery	24 V, 2 x 12 V 180 Ah
Alternator / Starter Motor	130 A / 6,5 kW

## Tanks

Fuel Tank	315 L Steel
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TRUCKS

### 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	7500	7500	13400	13400	39000
Kerb Weight	3517	3788	1858	1858	11082
Payload	3983	3682	11542	11542	27918

### STANDARD EQUIPMENT

- Air Conditioner
- Radio/CD Player
- Engine Driven PTO & Interior Control Unit
- Cruise Control
- Engine Brake
- Drum Brake
- Electrically Operated Windows
- Electrically Operated and Heated Side Mirrors
- Electrically Operated Headlamp Levelling
- Rake and Reach Adjustable Steering Column
- Heated and Air Suspended Driver Seat
- Switchable Air Compressor for Improved Fuel Economy
- Lumbar Support
- Manually Operated Sunroof
- Front and Rear Vehicle Antiroll Bar
- Anti-Lock Brake System (ABS)
- Brake Lining Wear Indicator
- Immobilizer
- Single Key with Remote Control and Central Locking
- Home Safe Light
- Approach Light
- Roof Beacon Light
- Differential Lock
- Short Bumper
- Rear Window
- Tinted Glass (70% Transmissibility)
- Headlamp Protection Grilles
- Vertical Exhaust
- Tachometer Simulator Unit (TSU)

### OPTIONAL EQUIPMENT

- Transmission Driven PTO Options & Interior Control Unit
- Automated Transmission (with Normal Mode, Off-Road Mode, Rocking Mode)
- Intarder
- Wet Type Cab Heater
- Cooling Pack 2 (Wet Type Heater & Cold Pack Battery)
- Power Cab Tilting
- Automatic Traction Control
- Lateral Protection
- Mechanical Tachograph

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