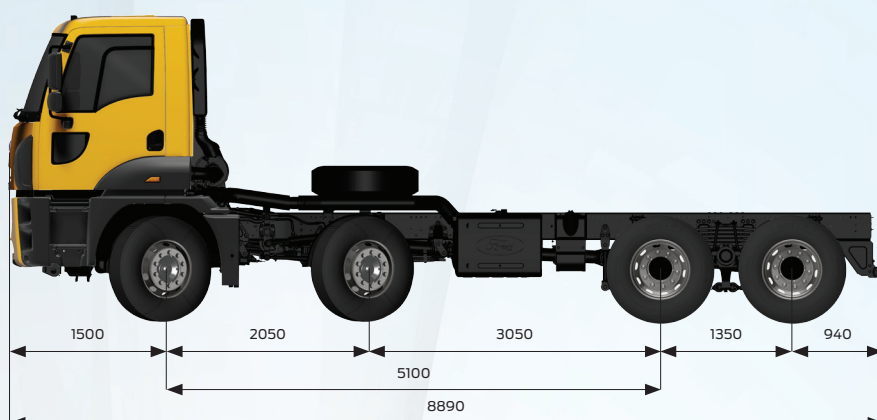


# FORD TRUCKS 4143D EURO3



## Basic Features

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

## Engine

Type	Ecotorq 12,7 litre
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 with Reinforcement
Chassis Strength	500 MPa
Suspension (Front / Rear)	90 mm Parabolic Leaf Springs / 100 mm Multileaf 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

## Electric 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	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	3245
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	547
Ground Clearance - Rear	305
Turning Radius	10640

### Weights (kg)

	1. Axle	2. Axle	3. Axle	4. Axle	Total
Technically Permissible Weights	7500	7500	13400	13400	39000
Kerb Weight	3653	3613	2017	2016	11299
Payload	3847	3887	11383	11384	27701

### STANDARD EQUIPMENT

- Air Conditioner
- Radio/CD Player
- NHIC Transmission Driven PTO & Interior Control Unit
- Engine Brake
- Drum Brake
- Cruise Control
- 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
- Lumbar Support
- Manually Operated Sunroof
- Front 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
- Short Bumper
- Differential Lock
- Tyre Pressure Gauge
- Tinted Glass (70% Transmissibility)
- Headlamp Protection Grilles
- Vertical Exhaust
- Tachometer Simulator Unit (TSU)
- Switchable Air Compressor for Improved Fuel Economy

### OPTIONAL EQUIPMENT

- Automated Transmission (with Normal Mode, Off Road Mode, Rocking Mode)
- Engine Driven PTO & Interior Control Unit
- Transmission Driven PTO Options & Interior Control Unit
- Intarder
- Cooling Pack 2 (Wet Type Heater & Cold Pack Battery)
- Power Cab Tilting
- Rear Window
- 4750 mm Wheelbase Version
- Automatic Traction Control
- Double Passenger Seat
- Lateral Protection
- Mechanical Tachograph

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