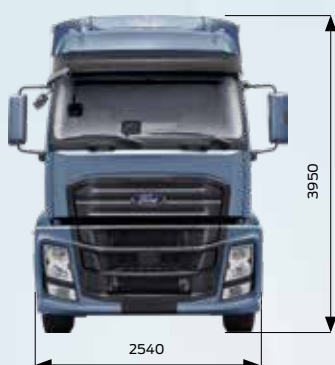


# FORD TRUCKS 1843T EURO3



## Basic Features

Vehicle Type	Tractor
Axle	4x2
Emission	Euro 3
Cabin Type	Extra High Roof Sleeper Cab
Wheelbase (mm)	3600

## Engine

Type	Ecotorq 12,7 litre
Displacement (cc)	12740
Bore 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	57 L (77 L with Retarder)

## 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

Hema ZF 8098 Servocom

## Chassis

Chassis Thickness	10 mm
Chassis Strength	500 MPa
Suspension (Rear / Front)	90 mm Parabolic Leaf Springs / Air Suspension
Axle	Single Reduction
Axle Ratio - 1200 mm 5 <sup>th</sup> Wheel (Manual / Automatic)	3,08 / 2,64
Axle Ratio - 1100 mm 5 <sup>th</sup> Wheel (Manual / Automatic)	2,85 / 2,47
Tyres - 1200 mm 5 <sup>th</sup> Wheel (Manual / Automatic)	295/80 R 22,5
Tyres - 1100 mm 5 <sup>th</sup> Wheel (Manual / Automatic)	315/70 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. 600 kW / continuous 160 kW

## Electrical System

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

## Tanks

Fuel Tank	600 L Aluminium
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Sharing the load

Dimensions (mm)			
5. Wheel Height		1200	
Front Overhang		1485	
Wheelbase		3600	
Overall Length		6039	
Overall Cab Length		2305	
Total Height		3950 (Extra High Roof) ; 3104 (Low Roof)	
Overall Vehicle Width (Excluding Mirrors)		2540	
Chassis Width		866	
Rear Overhang		954	
Chassis Height - Front		225	
Chassis Height - Rear		285	
Ground Clearance - Front		292	
Ground Clearance - Rear		246	
Turning Radius		7500	
Weights (kg)	1. Axle	2. Axle	Total
Technically Permissible Weights	7100	12600	18000
Kerb Weight	5307	2471	7779
Payload	1773	10129	10221
GVM (Legal)	7100	11500	18000

### STANDARD EQUIPMENT

- Radio/CD Player
- Extra High Roof Cab with Double Bed
- Dry Type Cab Heater
- Air Suspended Cab
- 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
- Electrically Operated Sunroof
- Front and Rear Vehicle Antiroll Bar
- Disc Brake
- Engine Brake
- Electronic Brake System (EBS) and Anti-Lock Brake System (ABS)
- Electronic Brake Force Control
- Brake Assistant
- Electronic Stability Control (ESP)
- Brake Lining Wear Indicator
- Home Safe Light
- Approach Light
- Immobilizer
- Differential Lock
- Tachograph
- Switchable Air Compressor for Improved Fuel Economy
- Variable Steering Pump for Improved Fuel Economy
- Hill Launch Assist
- Coupling Force Control
- Front Fog Lamps
- Spoiler
- Axle Load Indicator

### OPTIONAL EQUIPMENT

- Air Conditioner
- Automated Transmission (with Normal Mode, Power Mode, Rocking Mode)
- Aluminium Alloy Wheel
- Retarder
- 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
- Engine Driven PTO & Interior Control Unit
- Transmission Driven PTO Options & Interior Control Unit
- 5th Wheel Options: 1050, 1100, 1150, 1200, 1250, 1300 mm
- Jost 5th Wheel
- Double Fuel Tank
- Rain Sensor
- Auto Light Sensor
- Digital Tachograph
- Multimedia System with 9" Touch Screen & Navigation (Radio, Bluetooth, USB (A Type - C Type), Apple CarPlay, Android Auto, Remote Control)
- Led Headlamps