

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 2530 (13,805 - 0,836)
Automated Transmission / Ratios (1. gear - 16. gear)	Ecotorq 16S 2600 DD AMT (17,03 - 1,00)

Steering

Power Assisted Single Circuit

Chassis

Chassis Thickness	10 mm
Chassis Strength	500 MPa
Suspension (Front / Rear)	90 mm Parabolic Leaf Springs / Air Suspension
Axle	Single Reduction
Axle Ratio - 1200 mm 5 th Wheel (Manual / Automated)	3,08 / 2,64
Tyres - 1200 mm 5 th Wheel (Manual / Automated)	295/80 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	600 L Aluminium
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Sharing the load

Dimensions (mm)

5. Wheel Height	1200
Front Overhang	1500
Wheelbase	3600
Overall Length	6150
Overall Cab Length	2305
Total Height	3978 (Extra High Roof) ; 3104 (Low Roof)
Overall Vehicle Width (Excluding Mirrors)	2540
Chassis Width	866
Rear Overhang	1050
Chassis Height - Front	1101
Chassis Height - Rear	990
Ground Clearance - Front	320
Ground Clearance - Rear	360
Turning Radius	7500

Weights (kg)	1. Axle	2. Axle	Total
Technically Permissible Weights	7500	12600	18000
Kerb Weight	5297	2381	7677
Payload	2203	10219	10323

STANDARD EQUIPMENT

- Air Conditioner
- 1DIN Radio (Bluetooth, USB, Hands-free, Remote Control)/CD/MP3 Player
- Extra High Roof Cab with Double Bed
- Dry Type Cab Heater
- Air Suspended Cab
- Cruise Control
- Disc Brake
- Engine 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
- Lumbar Support
- Electrically Operated Sunroof
- Front and Rear Vehicle Antiroll Bar
- 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
- Hill Launch Assist
- Coupling Force Control
- Front Fog Lamps
- Spoiler **
- Axle Load Indicator
- Switchable Air Compressor for Improved Fuel Economy

OPTIONAL EQUIPMENT

- Automated Transmission (with Normal Mode, Power Mode, Rocking Mode)
- 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
- Variable Steering Pump for Improved Fuel Economy
- Transmission Driven PTO Options & Interior Control Unit
- 5th Wheel Options *: 960, 1050, 1100, 1150, 1200, 1250, mm
- Jost 5th Wheel
- Double Fuel Tank (450lt)
- Rain Sensor
- Auto Light Sensor
- Digital Tachograph
- Side Skirt
- 8T Front Axle with 315/80 Tyre
- Less Front Spare Wheel Option
- DAB Radio
- Remote Control)
- Multimedia System with 9" Touch Screen & Navigation (Radio, Bluetooth, USB (A Type - C Type) , Apple CarPlay, Android Auto, Remote Control)
- Led Headlamps

* 960 mm 5th wheel height is available with Front Tire : 315/60 R 22,5 / Rear Tire: 295/60 R 22,5

* 1050 mm 5th wheel height is available with 315/60 R22,5 tyres

* 1100 mm 5th wheel height is available with 315/70 R22,5 tyres

* 1150 mm 5th wheel height is available with 295/80 R22,5 tyres

* 1200 mm 5th wheel height is available with 295/80 R22,5 or 315/80 R22,5 tyres

* 1250 mm 5th wheel height is available with 295/80 R22,5 tyres or 315/80 R22,5 tyres

* 1300mm 5th wheel height is available with 315/80 R22,5 tyres

** Not available with Low Roof Sleeper Cab Version

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