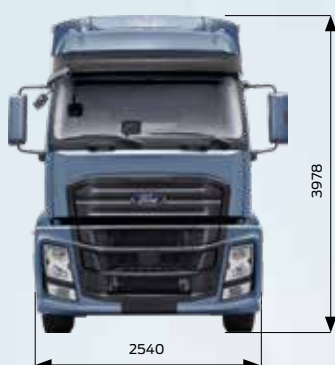


# FORD TRUCKS 1843T AIR EURO3



## 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
Diameter x Stroke	130 mm x 160 mm
Power	430 PS (316,3 kW) / 1800 rpm
Torque	2150 Nm / 1000-1300rpm
Compression Ratio	17 +/- 0,5 : 1
Oil Filling Volume [l]	50 L
Coolant volume [l]	without Retarder 57 L ; with Retarder 77 L

## 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 TD AMT (16,688-1)

## Steering

Power Assisted Single Circuit

## Chassis

Chassis thickness [mm]	10mm
Chassis Strength [MPa]	500 MPa
Suspension (Front/Rear)	90 mm Parabolic Leaf Springs / Air Suspension
Axle	Single Reduction
Axle Ratio - 1200 mm 5th Wheel (Manual / Automated)	3,08 / 2,64
Tyres - 1200 mm 5th Wheel (Manual / Automated)	295/80 R 22,5
Wheel Rim	22,5 x 9 Steel

## Tyre Information

5th Wheel Height	Tyre	5th Wheel Height (Laden)	5th Wheel Height (Unladen)
1050 mm	315/60 R22.5	1068 mm	1093 mm
1100 mm	315/70 R22.5	1119 mm	1147 mm
1150 mm	295/80 R22.5	1164 mm	1190 mm
1200 mm	295/80 R22.5	1199 mm	1225 mm
1200 mm	315/80 R22.5	1216 mm	1241 mm
1250 mm	295/80 R22.5	1264 mm	1290 mm
1250 mm	315/80 R22.5	1281 mm	1357 mm

## Braking System

Brakes (front/rear) (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)
Hydraulic Retarder Power	max. 600kW / continuous 160kW

## 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
Overall Vehicle Height	3978 (XHR)
Overall Vehicle Width (excluding Mirrors)	2540
Chassis Width	866
Rear Overhang	1050
Chassis Height-Front	1011
Chassis Height-Rear	991
Ground Clearance-Front	286
Ground Clearance-Rear	223
Turning Radius	7500

Weights (kg)	1. Axle	2. Axle	Total
Technically Permissible Weights	7100	12600	19000
Kerb Weight	5315	2471	7787
Payload	1785	10129	11213
GTM			44000

## STANDARD EQUIPMENT

- Air Conditioner
- AM/FM/Aux In/USB/Bluetooth (Radio with Bluetooth)
- Extra High Roof Cab with Double Bed
- Dry Type Cab Heater
- 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
- 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
- Maintenance Free Front Wheel Bearing

## OPTIONAL EQUIPMENT

- Automated Transmission  
(with Normal Mode, Power Mode, Rocking Mode)
- Hydraulic 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 \*: 980, 1050, 1100, 1150, 1200, 1250, 1300 mm
- Jost 5th Wheel
- Double Fuel Tank (450lt)
- Digital Tachograph
- Side Skirt
- Electronic Stability Control (ESP)
- Air Suspended Cab
- Tinted Glass
- 8T Front Axle Technical Capacity with 315/80 Tyre
- 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

\*\* Not available with Low Roof Sleeper Cab Version

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