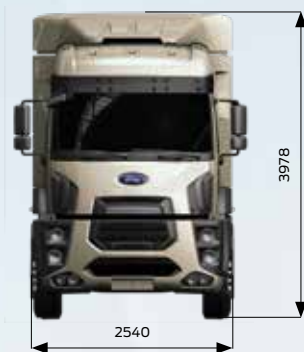


# FORD TRUCKS 1842T EURO6



## Basic Features

Vehicle Type	Tractor
Axle	4x2
Emission	Euro 6
Cabin Type	Extra High Roof Sleeper Cab
Wheelbase (mm)	3600

## Engine

Type	Ecotorq 12,7 liters
Displacement (cc)	12740
Bore x Stroke	130 mm x 160 mm
Power	420 PS (308,9 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 / Air Suspension
Axle	Single Reduction
Axle Ratio - 1200 mm 5 <sup>th</sup> Wheel (Manual / Automated)	3,08 / 2,64
Axle Ratio - 1100 mm 5 <sup>th</sup> Wheel (Manual / Automated)	2,85 / 2,47
Tyres - 1200 mm 5 <sup>th</sup> Wheel (Manual / Automated)	295/80 R 22,5
Tyres - 1100 mm 5 <sup>th</sup> Wheel (Manual / Automated)	315/70 R 22,5
Wheel Rim	Steel Wheel (22,5 x 9)

## 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. 340 kW (Engine Level)
Intarder Power	max. 600 kW / continuous 160 kW

## Electrical System

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

## Tanks

Fuel Tank	600 L Aluminium
SCR Tank	78 L



Sharing the load

## Dimensions (mm)

5 <sup>th</sup> Wheel Height	1200
Front Overhang	1500
Wheelbase	3600
Overall Length	6150
Overall Cab Length	2305
Total Height	3950 (Extra High Roof) ; 3104 (Low Roof)
Overall Vehicle Width (Excluding Mirrors)	2540
Chassis Width	866
Rear Overhang	1050
Chassis Height-Front	225
Chassis Height-Rear	285
Ground Clearance-Front	320
Ground Clearance-Rear	360
Turning Radius	7500

Weights (kg)	1. Axle	2. Axle	Total
Technically Permissible Weights	7100	12600	19000
Kerb Weight	5155	2194	7269
Payload	1945	10406	11731
GVM (Legal )	7100	11500	18000

## STANDARD EQUIPMENT

- Air Conditioner
- Radio/CD Player
- Extra High Roof Cab with Double Bed
- Dry Type Cab Heater
- Cab Air Suspension
- Cruise Control
- Electrically Operated Windows
- Electrically Operated and Heated Side Mirrors
- Electrically Operated Headlamp Leveling
- Rake and Reach Adjustable Steering Column
- Heated and Air Suspended Driver Seat
- Lumbar Support
- Electrically Operated Sunroof
- Front and Rear Vehicle Antiroll Bars
- Disc Brakes
- Electronic Brake System (EBS) and Anti-Lock Brake System (ABS)
- Active Emergency Brake System (AEBS)
- Electronic Brake Force Control
- Brake Assistant
- Electronic Stability Control (ESP)
- Pad Wear Indicator
- Lane Departure Warning System (LDWS)
- Immobilizer
- Single Key with Remote Control and Central Locking
- Home Safe and Approach Lights
- Differential Lock
- Digital Tachograph
- Switchable Air Compressor for Improved Fuel Economy
- Variable Steering Pump for Improved Fuel Economy
- Hill Launch Assist
- Coupling Force Control
- Front Fog Lamps
- Axle Load Indicator

## OPTIONAL EQUIPMENT

- Automated Transmission (With Different Usage Modes)
- Intarder
- ADR Package
- 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
- Electrically Operated Cab Tilting
- Engine Driven PTO
- Transmission Driven PTO
- 5<sup>th</sup> Wheel Options \*: 1050, 1100, 1150, 1200, 1250, 1300 mm
- Spare tyre and carrier
- Jost 5th Wheel
- Dual Fuel Tank (450L)
- Side Skirt
- Spoiler\*\*
- Electrically Operated Cab Tilting
- Upper Bed
- Auto Light Sensor
- Rain Sensor

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

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

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

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

\* 1250 mm 5<sup>th</sup> wheel height is available with 295/80 R22,5 tyres

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

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

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