

# FORD TRUCKS 3542 DC EURO6

## Basic Features

Vehicle Type	Road Truck
Axle	6x4
Emission	Euro 6
Cabin Type	Day Cab
Wheelbase (mm)	4500

## Engine

Type	Ecotorq 12.7 litre
Displacement [cc]	12740
Diameter 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 [l]	50 L
Coolant volume [l]	without Intarder 57 L; with Intarder 77 L

## 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 OD (14,107 - 0,823)

## Steering

Power Assisted Single Circuit

## Chassis

Chassis Thickness (mm)	10 mm with Local Reinforcement
Chassis Strength [MPa]	500 MPa
Suspension (Front / Rear)	Parabolic Leaf Springs / Parabolic Tandem Suspension
Axle	Hub Reduction
Axle Ratio	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 Drum Brake System
Braking System	Dual Brake Circuit - Air Processing Unit with Integrated Oil Separator and Heater
Engine Brake Power	Max. 320 kW (Engine Level)
Intarder Power [Optional]	Max. 450kW / Continuous 160 kW

## Electrical System

Battery	24V, 2 x 12V 150 Ah
Alternator / Starter Motor	130 A / 6.5 kW

## Tanks

Fuel Tank	315 L Steel
SCR Tank	55 L



Sharing the load

Dimensions (mm)	
Front Overhang	1500
Wheelbase	4500
Overall Length	9090
Distance between 2nd and 3th wheel centers	1350
Overall Cab Length	2043
Overall Vehicle Height	3100
Overall Vehicle Width (excluding Mirrors)	2540
Chassis Width	770
Rear Overhang	1740
Useful Chassis Length	6738
Chassis Height-Front	1093
Chassis Height-Rear	1155
Ground Clearance-Front	390
Ground Clearance-Rear	303
Turning Radius	9790

Weights (kg)	1. Axle	2. Axle	3. Axle	Total
Technically Permissible Weights	8000	13400	13400	34000
Kerb Weight	5490	2239	2239	9968
Payload	2510	11161	11162	24032
GVM (Legal )	8000	9500	9500	26000

### STANDARD EQUIPMENT

- Air Conditioner
- Multimedia System with 9" Touch Screen & Navigation (Radio, Bluetooth, USB (A Type - C Type) , Apple CarPlay, Android Auto, Remote Control)
- 4 Points Independent Cab Suspension for Day Cab
- Cruise Control
- Engine Brake
- Drum Brake
- 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
- Front and Rear Vehicle Antiroll Bars
- Anti-Lock Brake System (ABS)
- Brake Lining Wear Indicator
- Immobilizer
- Home Safe Light
- Approach Lights
- Differential Lock
- Digital Tachograph
- Switchable Air Compressor for Improved Fuel Economy
- Rear Window
- Front Towing Hooks (Double Hook)
- Short Bumper
- Double Roof Marker Lamps
- DAB Radio\*
- Advanced Driver Assistance Systems ((Cybersecurity Improvements, Rear Parking Aid (RPA), Moving-off Information System (MOIS), Blind Spot Information System (BLIS), Tire Pressure Monitoring System (TPMS), Emergency Stop Signal, Alcohol Interlock Facilitation, Intelligent Speed Assistance, Driver Drowsiness Attention Warning, Lane Departure Warning System (LDWS), Advanced Emergency Braking System (AEBS))
- Electronic Brake System (EBS) & Electronic Stability Control (ESP)
- Automatic Traction Control (ATC)

### OPTIONAL EQUIPMENT

- Automated Transmission (with Normal Mode, Off Road Mode, Rocking Mode)
- Intarder
- ADR Pack
- Low Roof Sleeper Cab
- Auxiliary Cabin Heater (Wet Type)
- Cold Pack with Wet Type Cab Heater and 225 Ah Battery
- Electrically Operated Cab Tilting
- Engine PTO Options & Interior Control Unit
- Transmission PTO Options & Interior Control Unit
- Dual Passenger Seat
- Manually Operated Sunroof
- O3- 10T Towing Capability
- O4 - more than 10T Towing Capability
- Less Spare Tire
- Technology (Pack High Beam Assist & Pre-Collision Assist for Pedestrian)
- Twin PTO (high ratio) / Twin PTO (low ratio)\*\*

\*DAB Radio can be standard or optional according to the market.

\*\*Only available with Automated Transmission.

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