

# FORD TRUCKS 3542D EURO6

## Basic Features

Vehicle Type	Tipper
Axle	6x4
Emission	Euro 6
Cabin Type	Day Cab
Wheelbase (mm)	3800

## 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	57 L (77 L with Intarder)

## 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	10 mm with Reinforcement
Chassis Strength	500 MPa
Suspension (Front / Rear)	90 mm Parabolic Leaf Springs / 100 mm Multileaf Tandem Suspension
Axle	Hub Reduction
Axle Ratio (Manual / Automatic)	4,08 / 3,57
Tyres	315/80 R 22,5
Wheel Rim	22,5 x 9 Steel

## Braking System

Brakes (Ø mm x mm Length)	410 X 200, Z-Cam Drum Brake System
Braking System	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater
Engine Brake Power	max. 320 kW (Engine Level)
Intarder Power	max. 450 kW / continuous 160 kW

## Electrical System

Battery	225 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	1490			
Wheelbase	3800			
Overall Length	7530			
Distance Between 2 <sup>nd</sup> and 3 <sup>th</sup> Wheel Centers	1350			
Overall Cab Length	1820			
Overall Vehicle Width (Excluding Mirrors)	2540			
Chassis Width	770			
Rear Overhang	890			
Useful Chassis Length	5135			
Chassis Height - Front	1167			
Chassis Height - Rear	1185			
Ground Clearance - Front	382			
Ground Clearance - Rear	264			
Turning Radius	8790			
Weights (kg)				
	1. Axle	2. Axle	3. Axle	Total
Technically Permissible Weights	8000	13400	13400	34000
Kerb Weight	5258	2332	2323	9913
Payload	2742	11068	11077	24087
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
- Transmission Offset (double gear) PTO without Flange & Interior Control Unit
- 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
- Switchable Air Compressor for Improved Fuel Economy
- Lumbar Support
- Front Vehicle Antiroll Bar
- Anti-Lock Brake System (ABS)
- Brake Lining Wear Indicator
- Immobilizer
- Home Safe Light
- Approach Light
- Differential Lock
- Digital Tachograph
- Front Towing Hooks (Double Hook)
- Oil Pan Protection
- Short Bumper
- DAB Radio\*\*
- Advanced Driver-Assistance Systems (Cybersecurity Improvements, Rear View Camera, Moving-off Information System, Blind Spot Information System, Tire Pressure Monitoring System, Emergency Stop Signal, Alcohol Interlock Facilitation, Traffic Sign Recognition, Driver Alert System, Lane Keeping Alert)
- Electronic Brake System (EBS) and Electronic Stability Control (ESP)
- Automatic Traction Control (ATC)

### OPTIONAL EQUIPMENT

- Transmission Driven PTO Options & Interior Control Unit
- Automated Transmission (With Normal Mode, Off-Road Mode, Rocking Mode)
- Engine Driven PTO\*
- Intarder
- ADR Pack
- Wet Type Cab Heater
- Cold Pack with Wet Type Cab Heater and 225 Ah Battery
- Power Cab Tilting
- Rear Window
- Double Passenger Seat
- O2 - up to 3,5T towing capability
- O3 - up to 10T towing capability
- Manually Operated Sunroof
- Multileaf Spring Front Suspension
- Vertical Exhaust
- Less Spare Tire
- Rear Towing Hook Option
- Twin PTO (high ratio) / Twin PTO (low ratio)\*\*\*

\* Available for Firefighter Pack Only

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

\*\*\*Only available with Automated Transmission.

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