

# FORD TRUCKS 3542P EURO6

## Basic Features

Vehicle Type	Concrete Pump
Axle	6x4
Emission	Euro 6
Cabin Type	Day Cab
Wheelbase (mm)	4500

## 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

## Transmission

Clutch	430 mm Single Disc
Manuel Transmission / Ratios (1. gear - 16. gear)	ZF 16S 2530 (13,805-0,836)

## Steering

Power assisted single circuit

## Chassis

Chassis Thickness	10 mm with Local Reinforcement
Chassis Strength	500 MPa
Suspension (Front / Rear)	90 mm Parabolic Leaf Springs / 100 mm Parabolic Tandem Suspension
Axle	Hub Reduction
Axle Ratio	4,08
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 Brake System
Braking System	Dual Brake Circuit - Air Processing Unit with Integrated Oil Separator and Heater
Engine Brake Power	max. 320 kW (Engine Level)

## 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 2 <sup>nd</sup> and 3 <sup>th</sup> Wheel Centers	1350
Overall Cab Length	1820
Overall Vehicle Height	3152
Overall Vehicle Width (Excluding Mirrors)	2540
Chassis Width	770
Rear Overhang	1740
Useful Chassis Length	6687
Chassis Height-Front	1116
Chassis Height-Rear	1147
Ground Clearance-Front	382
Ground Clearance-Rear	294
Turning Radius	9790

Weights (kg)	1. Axle	2. Axle	3. Axle	Total
Technically Permissible Weights	8000	13400	13400	34000
Kerb Weight	5547	2228	2228	10003
Payload	2453	11172	11172	23997
GVM (Legal)	8000	9500	9500	26000

### STANDARD EQUIPMENT

- Manual Air Conditioner
- Multimedia System with 9" Touch Screen & Navigation (Radio, Bluetooth, USB (A Type - C Type), Apple CarPlay, Android Auto, Remote Control)
- Conventional 4-point independent Cab Suspension for Day Cabin
- Cruise Control
- Drum Brake
- Engine Brake
- Anti-Lock Brake System (ABS)
- Pad Wear Indicator
- Differential Lock
- Electrically Operated Windows
- Electrically Operated and Heated Side mirrors
- Electrically Operated Headlight Leveling
- Rake and Reach Adjustable Steering Column
- Heated and Air Suspended Driver Seat and Fixed Passenger Seat
- Lumbar Support
- Front Vehicle Antiroll Bar
- Immobilizer
- Home Safe Lights
- Approach Lights
- Double Roof Marker Lamps
- Spare Wheel
- Short Bumper
- Switchable Air Compressor for Improved Fuel Economy
- Rear Window
- Horizontal Exhaust
- Tachograph
- Front Towing Hooks (Double Hook)
- 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))
- Electronic Brake System (EBS) and Electronic Stability Control (ESP)
- Automatic Traction Control (ATC)

### OPTIONAL EQUIPMENT

- Cold Pack (Includes Wet Type Heater and 225 Ah Battery)
- Engine Driven PTO (includes Power Take off Control Unit)
- Manually Operated Sunroof
- Auxiliary Cabin Heater (Wet Type)
- Power Cab Tilting
- Metallic Paint / Special Colors
- Lateral Protection
- Dual Passenger Seat
- Less Spare Tire

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

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