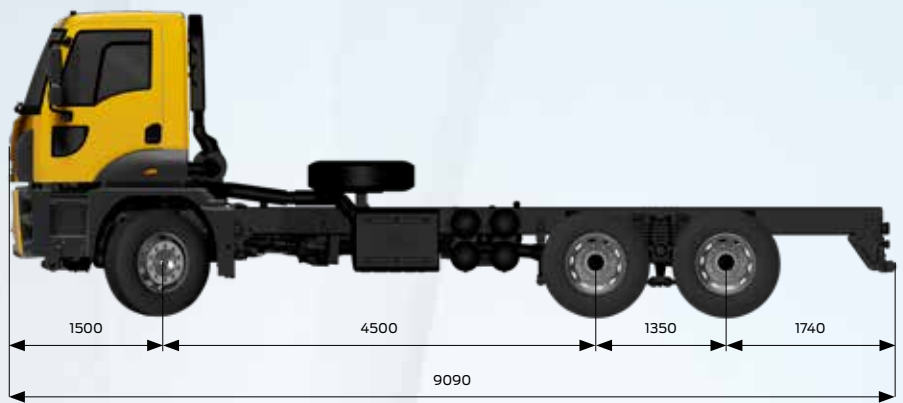


# FORD TRUCKS 3542P EURO6



## 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 2230 (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

<b>Dimensions (mm)</b>	
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

<b>Weights (kg)</b>	<b>1. Axle</b>	<b>2. Axle</b>	<b>3. Axle</b>	<b>Total</b>
Technically Permissible Weights	8000	13400	13400	34000
Kerb Weight	5525	2217	2217	9959
Payload	2475	11183	11183	24041
GVM (Legal)	8000	9500	9500	26000

### STANDARD EQUIPMENT

- Manual Air Conditioner
- AM/FM/Aux In/USB/Bluetooth (Radio with Bluetooth)
- 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
- Single Key with Remote Control and Central Locking
- 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)
- Oil Pan Protection

### 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
- Automatic Traction Control (ATC)
- Less Spare Tire