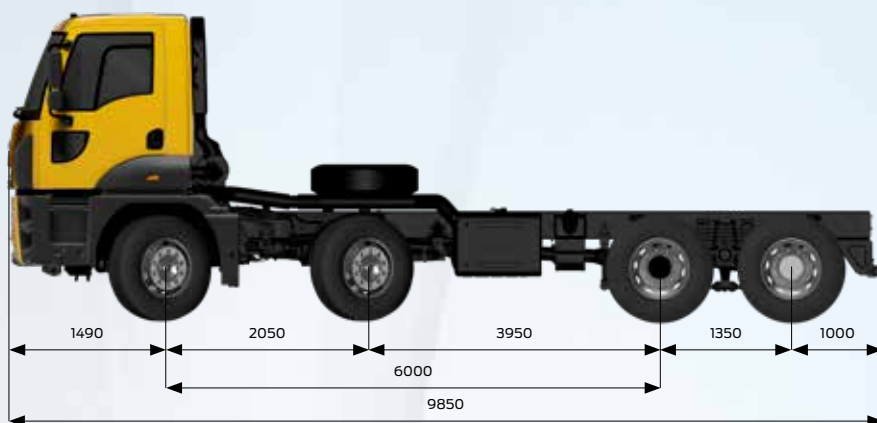


# FORD TRUCKS 4142P EURO6



## Basic Features

Vehicle Type	Concrete Pump
Axle	8x4
Emission	Euro 6
Cabin Type	Day Cab
Wheelbase (mm)	6000

## 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 2230 (13,805-0,836)

## Steering

Power assisted single circuit

## Chassis

Chassis Thickness	10 mm
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)
Intarder Power	max. 600 kW / Continuous 160 kW

## Electric 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	1490
Wheelbase	6000
Overall Length	9850
Distance Between 1 <sup>st</sup> and 2 <sup>nd</sup> Wheel Centers	2050
Distance Between 2 <sup>nd</sup> and 3 <sup>th</sup> Wheel Centers	3950
Distance Between 3 <sup>th</sup> and 4 <sup>th</sup> Wheel Centers	1350
Overall Cab Length	1820
Total Vehicle Height	3166
Overall Vehicle Width (Excluding Mirrors)	2540
Chassis Width	770
Rear Overhang	1000
Useful Chassis Length	7390
Chassis Height - Front	1153
Chassis Height - Rear	1147
Ground Clearance - Front	382
Ground Clearance - Rear	299
Turning Circle Radius	10640

<b>Weights (kg)</b>	<b>1. Axle</b>	<b>2. Axle</b>	<b>3. Axle</b>	<b>4. Axle</b>	<b>Total</b>
Technically Permissible Weights	8000	8000	13400	13400	39000
Kerb Weight	3628	3487	2177	2157	11449
Payload	4372	4513	11223	11243	27551
GVM (Legal)	7500	7500	9500	9500	32000

**STANDARD EQUIPMENT**

- Air Conditioner
- Radio/CD Player
- Cruise Control
- Engine Brake
- Drum Brake
- Electrically Operated Windows
- Electrically Operated and Heated Side Mirrors
- Rake and Reach Adjustable Steering Column
- Heated and Air Suspended Driver Seat
- Lumbar Support
- Manual Operated Sunroof
- Electrically Operated Headlamp Leveling
- Front and Rear Vehicle Antiroll Bars
- Anti-Lock Brake System (ABS)
- Brake Lining Wear Indicator
- Immobilizer
- Single Key with Remote Control and Central Locking
- Home Safe Light
- Approach Light
- Differential Lock
- Digital Tachograph
- Switchable Air Compressor for Improved Fuel Economy
- Rear Window
- Short Bumper
- 8T Front Axle

**OPTIONAL EQUIPMENT**

- ADR Pack
- Wet Type Cab Heater
- Cold Pack with Wet Type Cab Heater
- Power Cab Tilting
- Engine Driven PTO & Interior Control Unit
- Automatic Traction Control (ATC)
- 5100 mm Wheelbase Option

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