

FORD TRUCKS 4142XD EURO6

Basic Features

Vehicle Type	Tipper
Axle	8x4
Emission	Euro 6
Cabin Type	Day Cab
Wheelbase (mm)	5100

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	50 L
Coolant Volume	57 L (with Intarder 77 L)

Transmission

Clutch	2 x 400 mm Twin Clutch
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

Electro-Hydraulic Power-Assisted Steering System (EHPAS)

Chassis

Chassis Thickness	10 mm with Reinforcement
Chassis Strength	500 MPa
Suspension (Front / Rear)	Parabolic Leaf Springs / Parabolic Tandem Suspension
Axle	Hub Reduction
Axle Ratio (Manual / Automatic)	4,87 / 4,08
Tyres	13 R22,5
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 160kW

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	1500				
Wheelbase	5100				
Overall Length	8890				
Overall Vehicle Height	3254				
Overall Cab Length	1820				
Rear Overhang	940				
Useful Chassis Length	6494				
Overall Vehicle Width (Excl. Mirrors)	2540				
Ground Clearance - Front	455				
Ground Clearance - Rear	390				
Overall Vehicle Width (Excl. Mirrors)	2540				
Weights (kg)					
	1. Axle	2. Axle	3. Axle	4. Axle	Total
Technically Permissible Weights	8000	8000	13400	13400	41900
Kerb Weight	3894	3900	2090	2090	11793
Payload	4106	4100	11310	11310	30107
GVM (Legal)	8000	8000	9500	9500	32000

STANDARD EQUIPMENT

- Extra Heavy Duty Features (Twin Clutch, 13R 22.5 Tyre, Fuel Tank Guard, Parabolic Tandem Suspension)
- Manuel Air Conditioner
- Multimedia System with 9" Touch Screen & Navigation (Radio, Bluetooth, USB (A Type - C Type), Apple CarPlay, Android Auto, Remote Control)
- Transmission Offset (double gear) PTO without Flange
- 4 Point Independent Cab Suspension for Day Cab
- Drum Brake
- Cruise Control
- 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
- Short Bumper
- Front Vehicle Antiroll Bar
- Anti-lock Brake System (ABS)
- Brake Lining Wear Sensor
- Immobilizer
- Home Safe
- Approach Lights
- Differential Lock
- Digital Tachograph
- Switchable Air Compressor (For Improved Fuel Economy)
- Front Towing Hooks (Double Hook)
- Reinforced Wheel Rim
- 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

- Automated Transmission (with Normal Mode, Off-Road Mode, Rocking Mode)
- Engine Driven PTO and Interior Control Unit
- Transmission Driven PTO Options & Interior Control Unit
- Intarder
- Auxiliary Cabin Heater (Wet Type)
- Cold Pack with Wet Type Cab Heater and 225 Ah Battery
- Electrically Operated Cab Tilting
- Oil Pan Protection
- Dual Passenger Seat *
- Manually Operated Sunroof
- Low Roof Sleeper Cab
- Lateral Protection
- Rear Window
- Less Spare Tire
- Rear Towing Hook
- Twin PTO (high ratio) / Twin PTO (low ratio)***

*Not available with Low Roof Sleeper Cab.

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

***Only available with Automated Transmission.

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