

# FORD TRUCKS 4142D 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 (77 L with Intarder)

## 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)	90 mm Parabolic Leaf Springs / Reinforced Parabolic Suspension
Axle	Hub Reduction
Axle Ratio (Manual / Automatic)	4,87 / 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 Drum 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. 450 kW / Continuous 160 kW

## 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	5100
Overall Length	8890
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	3050
Distance Between 3 <sup>th</sup> and 4 <sup>th</sup> Wheel Centers	1350
Overall Cab Length	1820
Total Vehicle Height	3245
Overall Vehicle Width (Excluding Mirrors)	2540
Chassis Width	770
Rear Overhang	940
Useful Chassis Length	6490
Chassis Height - Front	1185
Chassis Height - Rear	1186
Ground Clearance - Front	380
Ground Clearance - Rear	296
Turning Radius	10640

Weights (kg)	1. Axle	2. Axle	3. Axle	4. Axle	Total
Technically Permissible Weights	8000	8000	13400	13400	41900
Kerb Weight	3826	3765	2046	2045	11682
Payload	4174	4235	11354	11355	30218
GVM (Legal)	8000	8000	9500	9500	32000

## STANDARD EQUIPMENT

- Manuel 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 (single gear) PTO without Flange & Interior Control Unit
- Cruise Control
- Drum Brake
- Engine 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
- Anti-Lock Brake System (ABS)
- Brake Lining Wear Indicator
- Immobilizer
- Home Safe Light
- Approach Light
- Differential Lock
- Digital Tachograph
- Front Towing Hooks (Double Hook)
- Short Bumper
- DAB Radio\*\*\*
- Automatic Traction Control (ATC)
- Electronic Brake System (EBS) and Electronic Stability Control (ESP)
- 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))

## OPTIONAL EQUIPMENT

- Automated Transmission (with Normal Mode, Off-Road Mode, Rocking Mode)
- Engine Driven PTO & Interior Control Unit
- Transmission Driven PTO Options & Interior Control Unit
- Auxiliary Cabin Heater (Wet Type)
- Cold Pack with Wet Type Cab Heater and 225 Ah Battery\*
- Power Cab Tilting
- Rear Window \*\*
- 4750 mm Wheelbase Version
- Double Passenger Seat
- Extra Heavy Duty Pack (Available With 13R 22,5 Tyre)
- O2 - up to 3,5T towing capability
- O3 - up to 10T towing capability
- O4 - more than 10T towing capability
- Manually Operated Sunroof
- Front Vehicle Antiroll Bar
- Oil Pan Protection
- Multileaf Spring Front Suspension
- Lateral Protection
- Reinforced Wheel Rim
- Less Spare Tire
- Rear Towing Hook Option
- Twin PTO (high ratio) / Twin PTO (low ratio)\*\*\*\*

\* Not Available with 4750 mm Wheelbase Version.

\*\* Not Available with Low Roof Sleeper Cab Version.

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

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

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