

# FORD TRUCKS 2542 HR EURO6



## Basic Features

Vehicle Type	Road Truck
Axle	6x2
Emission	Euro 6
Cabin Type	High Roof Sleeper Cab
Wheelbase (mm)	4750

## 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	430 mm Single Disc
Automated Transmission / Ratios (1. gear - 12. gear)	ZF 12 TX 2210 (16,688 - 1)

## Steering

Power Assisted Single Circuit

## Chassis

Chassis Thickness	7 mm with Reinforcement
Chassis Strength	355 MPa
Suspension (Front/Rear)	Parabolic Leaf Spring / Compensating Arm Mechanical Suspension
Axle	Standard Single Reduction
Axle Ratio	2,64
Tyres (Front/Rear)	12 R 22,5
Wheel Rim	22,5 x 9 Steel

## Braking System

Brakes (Front/Rear) (Ø.mm x mm. Length)	430 mm Disc Brakes
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

## Electrical System

Battery	24V, 2 x 12V 180 Ah
Alternator / Starter Motor	130 A / 6,5 kW

## Tanks

Fuel Tank	550 L Aluminium
SCR Tank	78 L



Sharing the load

**Dimensions (mm)**

Front Overhang	1500
Wheelbase	4750
Overall Length	9840
Distance Between 2 <sup>nd</sup> and 3 <sup>th</sup> Wheel Centers	1330
Overall Cab Length	2305
Overall Vehicle Height	3325
Overall Vehicle Width (Excluding Mirrors)	2540
Chassis Width	866
Rear Overhang	2270
Useful Chassis Length	7108
Chassis Height - Front	1059
Chassis Height - Rear	1081
Ground Clearance - Front	303
Ground Clearance - Rear	251
Turning Radius	10140

**Weights (kg)**

	1. Axle	2. Axle	3. Axle	Total
Technically Permissible Weights	7100	12600	10400	26000
Kerb Weight	5396	2274	1546	9216
Payload	1704	10326	8854	16784
GVM (Legal)	7100	11500	10000	25000

**STANDARD EQUIPMENT**

- Air Conditioner
- Auxiliary Cabin Heater (Dry Type)
- Radio/CD/MP3 Player
- Cruise Control
- Automated Transmission  
(With Different Usage Modes)
- Disc Brake
- Engine Brake
- Electronic Brake System (EBS) Including  
Anti-Lock Brake System (ABS)
- Electronic Stability Control (ESP)
- Lane Departure Warning System (LDWS)
- Hill Launch Assist
- Differential Lock
- Electrically Operated Windows
- Electrically Operated and Heated Side Mirrors
- Heated and Air Suspended Driver Seat
- Electrically Operated Headlight Leveling
- Rake and Reach Adjustable Steering Column
- Lumbar Support
- Manually Operated Sunroof
- Brake Lining Wear Sensor
- Immobilizer
- Single Key with Remote Control and Central Locking
- Home Safe Light
- Approach Light
- Front Fog Lamps
- Digital Tachograph
- Spare Wheel
- Tag Axle Lifting (Auto Drop Function)
- Air Suspended Cab
- Advanced Emergency Braking System (AEBS)

**OPTIONAL EQUIPMENT**

- Firefighter Pack
- Engine Driven PTO & Interior Control Unit \*
- Transmission Driven PTO Options & Interior Control Unit
- ADR
- Cold Climate Pack
- Auxiliary Cabin Heater (Wet Type)
- Power Cab Tilting
- Metallic Paint / Special Colors
- Intarder
- Upper Sleeper Bunk
- Spoiler
- 8T Front Axle Technical Capacity  
(Available with 315/80 R22,5 Tyres) (except 5500 WB)
- Rain Sensor
- Auto Light Sensor

\* Available for Firefighter Pack Only

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