

# Ford Trucks Tractor Series



TRUCKS

# *Sharing the load*

**It's the way of the world... Wherever we travel, we long for those we leave behind. A burden shared is a burden halved. And that's why we're here: to share the load.**

**To love takes strength. But it takes greater strength to leave the ones you love behind. The long journey may be fuelled with diesel, but it's the little photo on the dashboard and our cherished memories that keep us going. We know how long the road can seem... How quickly seasons change and how children grow taller with every passing day. We transport tons of grain for the sake of a simple loaf shared among friends and loved ones.**

**They say in business, "Your word is your bond". When measured on a scale, what has greater weight than a promise? And when people have put their faith in you, who do you turn to? We will get there whichever way the road turns. We may carry a load, but we deliver a promise.**

**Perhaps one day machines will carry our burdens as well as our load. But until then, we're the ones on this road. Join us. We're moving forward... They say "If you want to go fast, go alone, but if you want to go far, go together..."**

**Sharing the load...**



## Ford Trucks Tractor Series: Moving forward with every new feature

It's no easy feat to carry the load across long distances on international and intercity roads. It's hard to beat the fierce competition and even harder to find a powerful companion that will share your load...

Ford Trucks Tractor Series offers high performance with low fuel consumption, thanks to the powerful Ecotorq engine. Long service intervals and conformity to different trailer options make it your loyal business partner all along the way.

Thanks to newly developed active safety features and an ergonomic cabin that enhances the driver's operating quality, Ford Trucks Tractor Series is the most reliable companion for those who are in for the long haul.

Designed by Ford engineers and preferred all around the world, the profitability of Ford Trucks Tractor Series will instantly impact your operating costs. With Ford Trucks Tractor Series, you will always stay ahead.

Now, it's time to have a closer look...



***We have realized our dream of an environmentally  
friendly engine that combines high  
performance with fuel economy***

*Product Development Engineer*

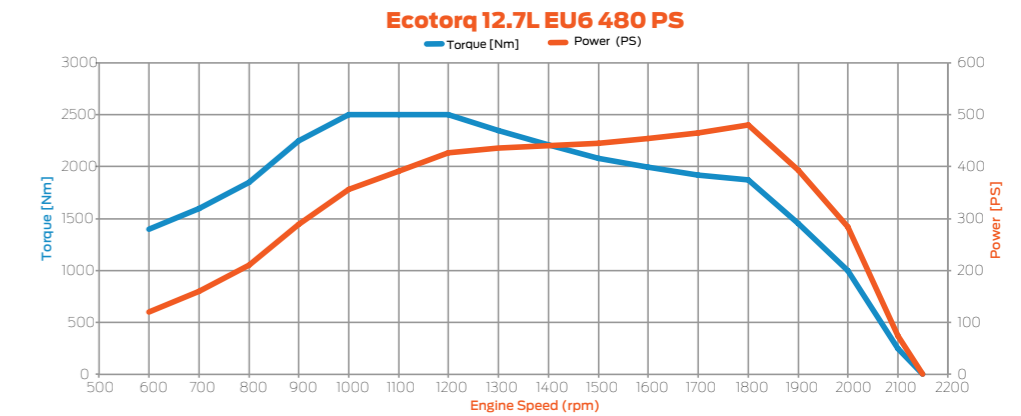
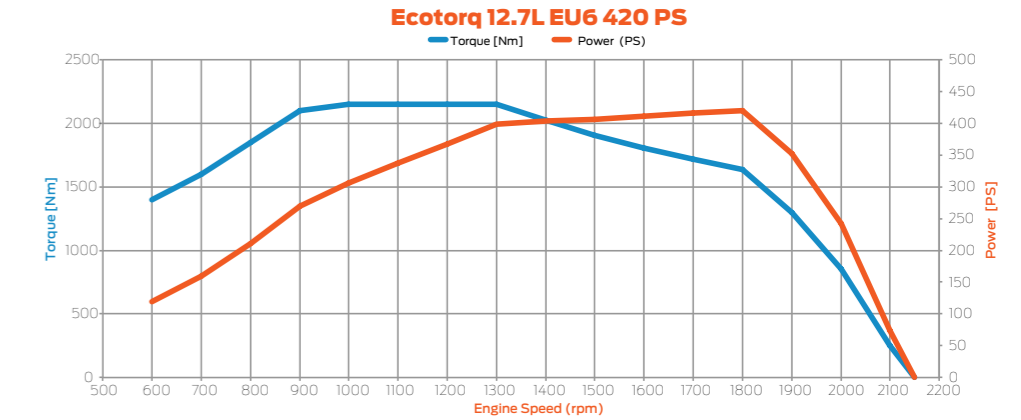
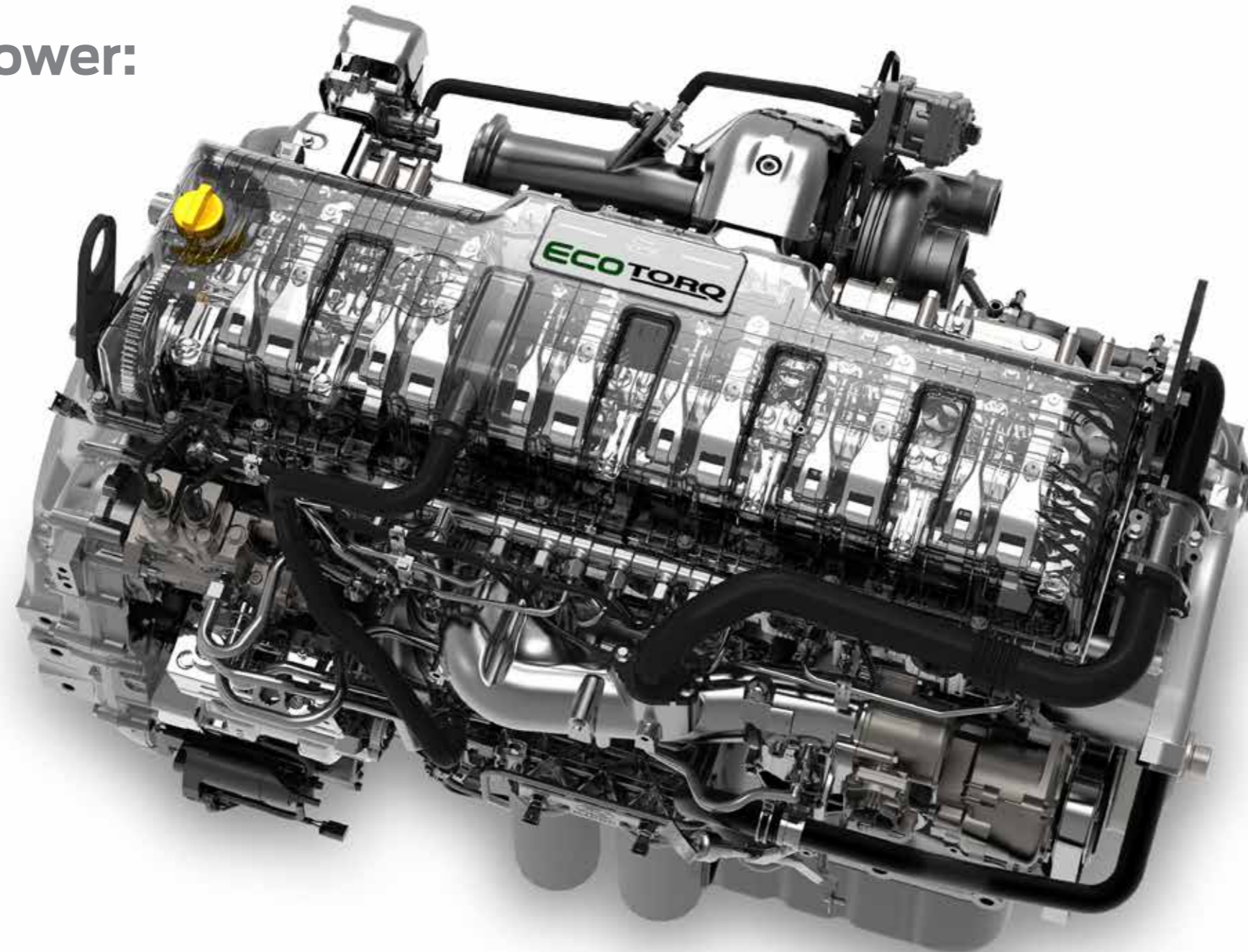
# Introducing the source of power: Ecotorq Engine...

The heart of Ford Trucks Tractor Series beats with powerful Ecotorq technology. Developed by Ford engineers, the new 13 L Euro 6 engine offers performance and economy combined with environmentally friendly technology.

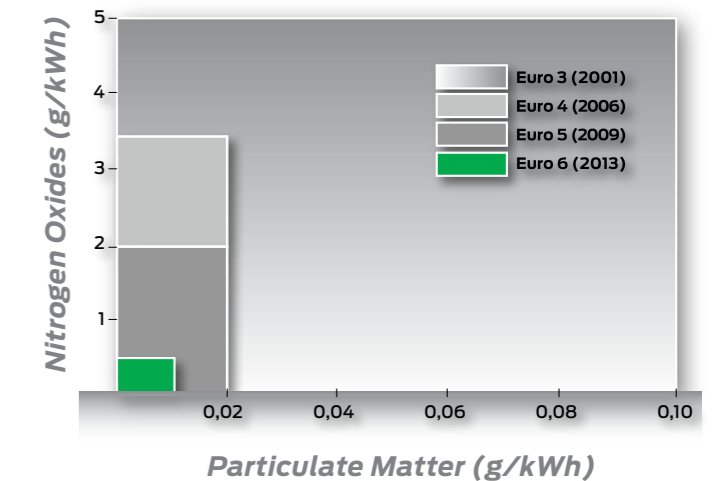
The Ecotorq engine is available in two different power options. The new 1842T 420 PS engine offers high traction power with a maximum torque generating capacity of 2150Nm. Meanwhile, the new 1848T is even more powerful. With the power of 480 PS and a torque capacity of 2500 Nm, the engine offers colossal performance with incredibly low fuel consumption. Such great power is kept under control with the integrated engine brake, which serves an engine level auxiliary brake power of 340 kW. The new high-tech engine brake is offered as a standard feature in both engine options.

The new Ecotorq engine is equipped with many innovative technologies ensuring an ideal balance between performance and economy. Exhaust Gas Recirculation System, Variable-Geometry Turbocharger, Common-Rail Direct Fuel Injection System and Smart Electrical Control Unit increase the efficiency of Ford Trucks Tractor Series.

In addition, all Ecotorq engines are environmentally conscious. Strict Euro 6 norms are easily met with very low nitric oxide (NOx) and particulate matter emissions.



Euro 6 standards allow exhaust emissions at one-fifth of Euro 5 standards. The Euro 6 testing procedure also involves counting exhaust particulates.





***When setting out for the long haul, no load  
is too heavy if you have a powerful and  
comfortable companion.***

*Long Haulage Driver*

# Increased safety is our priority

Ford Trucks Tractor Series considers your safety as top priority. New auxiliary systems maximize driving safety and help you avoid all potential risks on the road.

## LDWS: Lane Departure Warning System

Every driver may get distracted during the long haul. Fortunately, the Lane Departure Warning System does not. It warns you audibly when you involuntarily switch lanes, keeping both you and your truck safe.



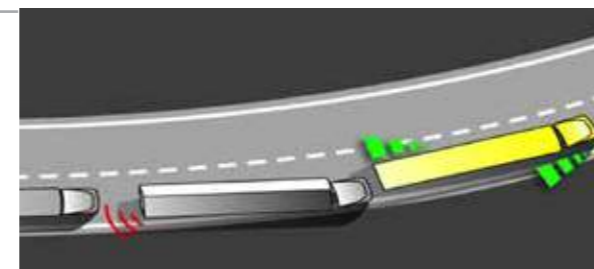
## AEBS: Advanced Emergency Braking System

It may not always be possible to react fast to suddenly emerging threats. The Advanced Emergency Braking System automatically brakes for you, ensuring your safety when following distance is too short.



## ESP: Electronic Stability Program

The Electronic Stability Program (ESP) prevents both the tractor unit and the trailer from skidding at different road and climate conditions. Offered as a standard feature, the ESP System ensures that the vehicle holds its lane by applying brake only to the skidding wheel, and reducing engine torque, when necessary. The ESP System can be easily deactivated using the button on the dashboard.



## Auxiliary Braking Systems

The great power that lets you carry the heaviest loads is kept under control with the Auxiliary Braking Systems of Ford Trucks Tractor Series.

Offered as a standard feature, the new integrated engine brake provides additional braking power of 340 kW. The engine brake system comes in different intensity modes which enable the driver to get just the right amount of brake power, as brake demand differs with varying vehicle loading conditions. Engine brake also ensures constant speed while driving in cruise control mode.

The hydraulic retarder Intarder, which is available as an optional feature, meets all the expectations for braking with a power capacity of 600 kW. Under such challenging conditions as going downhill with payload, it prevents unnecessary use of your service brakes, and provides great advantage by extending service life.

Supporting efficient use of the engine brake and the Intarder, the Smart Brake Management System can be activated using the button on the front panel. This feature makes best use of the auxiliary brakes as needed and ensures that service brakes are always ready for emergencies while extending service life. Preferably, you can also control the auxiliary brakes manually using the operating lever right next to the steering wheel, without activating the Smart Brake Management System.

Thanks to Bremsomat, you can fix downhill speed, and ensure that the engine brake and the Intarder are operated simultaneously for the vehicle to maintain such speed. You can activate the Bremsomat function by bringing the lever next to the steering wheel to the first grade. 50% of maximum power is applied for the first grade on standard vehicles and for the first three grades on vehicles equipped with an Intarder.

## EBS: Electronic Braking System

The EBS System coordinates the ABS, ASR, Hill Launch Assist, and the trailer brake.

Anti-lock Braking System (ABS) and Automatic Traction Control (ASR) prevent the tires from skidding during sudden brakes or launch, increasing road safety and extending the service life of powertrain and wheels.

The Hillholder ensures that the vehicle can launch smoothly on steep ramps even when loaded. Even if you release the brakes, it keeps braking until enough torque has been generated for the vehicle to launch. The vehicle is, therefore, prevented from skidding backwards, ensuring that the clutch and other powertrain are protected. The trailer brake also allows for safe connection between the vehicle and the trailer.

Engine brake is offered as standard for all Ford Trucks Tractors. Engine brake and Intarder operating lever: You can manually activate the auxiliary brakes, or you can enable the vehicle to set it automatically for you.



Engine brake is offered as standard for all Ford Trucks Tractors.



Engine brake and Intarder operating lever: You can manually activate the auxiliary brakes, or you can enable the vehicle to set it automatically for you.



ESP, Hillholder and the trailer brake buttons are positioned to allow ease of access.

# Performance-enhancing aesthetic features



The spoiler, the foldable windbreak, and the front deflector minimize wind resistance and provide fuel economy along with an aesthetic appearance.



Reduced vehicle weight allows to carry heavier loads. Total weight of the standard vehicle can be further reduced thanks to the automated transmission, aluminium rims, and low roof cabin options.



Side skirt option provides aesthetic appearance and lower fuel consumption.

Every detail of the Ford Trucks Tractor Series is designed for maximum efficiency. Rational solutions minimize operating costs, while maximizing profitability.



In case of any damage, the modular front bumper provides fast and cost-effective repair by allowing the replacement of damaged parts only.



Thanks to the optional 450-litre aluminium fuel tank in addition to the 600-litre standard aluminium fuel tank, you will not need to refuel for many long miles.

\* When the extra fuel tank option is chosen, the spare wheel is provided on top of the chassis.

While using a trailer, the upper part of the 3-piece rear mudguard can be removed.



From a wide range of 5th wheel height options between 960 mm and 1300 mm, you can choose the perfect one for your business.



Euro 6 technology comes standard on all vehicles, ensuring almost zero harmful gas emissions.





# Your home on the road

The driving comfort of Ford Trucks Tractor Series can be easily recognized even at first glance.

The sun shade makes it comfortable to travel in daytime, while the front light assembly and the fog lights add comfort to night-time driving. The side-view mirrors with wide visual angles contribute to the comfort of driving and parking. Cab air suspension allows for lasting comfort even on rough terrain.

*Sun shade*



*Halogen lamps*



*Side view mirrors with wide visual angle*



*Wide steps and step lighting*



*Exterior storage compartment*



*Air cab suspension*



Access ceiling ventilation using the electrically operated sunroof, without the need to get up from your seat and adjust cabin temperature as you wish, using the air conditioner with pollen filter. The additional heater in the cabin offers a cozy living space during cold weather.

The wide living space provided by the extra high roof lets you enjoy the cozy comfort of a home during rest stops. You can draw the curtains and read your newspaper using the reading lamp, have a rest on the comfortable bed, and adjust cab temperature without getting up.

*Dashboard and trip computer*



*Driver's seat*



*Cab bed compartment and lamps*



Access all the information you need while driving, as the electronic dashboard and trip computer light up, once you turn the ignition on. The trip computer displays important data ranging from Adblue level to instant fuel consumption, speed information to engine operating hours. The ergonomic dashboard and Cruise Control function make long-distance trips far more comfortable.

All these standard premium comfort features make long journeys more peaceful for you...

*In-door storage compartment, window and mirror controls*



*Cup holder and ash can*



*Ergonomic front console*





***In business, your word is your bond.  
We set out with those who keep  
their word, and trust them first.***

*Logistics Company Director*

## Sharing Your Load: New Ford Trucks 1842T

New Ford Trucks 1842T Tractor is always a reliable business partner, designed to accommodate whatever load you are carrying.

The new 13-litre 420 PS Ecotorq engine with high traction power is distinguished with its fuel economy.

Able to meet different trailer requirements with transmission and engine driven PTO options, the new Ford Trucks 1842T also comes with a 12-speed automated transmission with economy and performance driving modes depending on your preference.

It easily accommodates to different construction sites, thanks to the shortly designed front bumper that prevents potential minor damages.



Automated Transmission with Eco Power and Rocking modes.



## Privilege in Transport: New Ford Trucks 1848T

New Ford Trucks 1848T Tractor is the symbol of power and privilege on the roads.

Designed according to the requirements of long distance transport, the 1848T increases profitability and efficiency through all of its features. Its 480 PS engine offers enormous traction power with 2500 Nm torque, while its standard 12-speed automated transmission makes the best use of this power, ensuring top performance and lowest fuel consumption under any condition.

Its high-capacity 225 Ah battery that supports long distance journeys and the power cab tilting mechanism that provides effortless access to the engine stand out as the details that distinguish 1848T on the road.

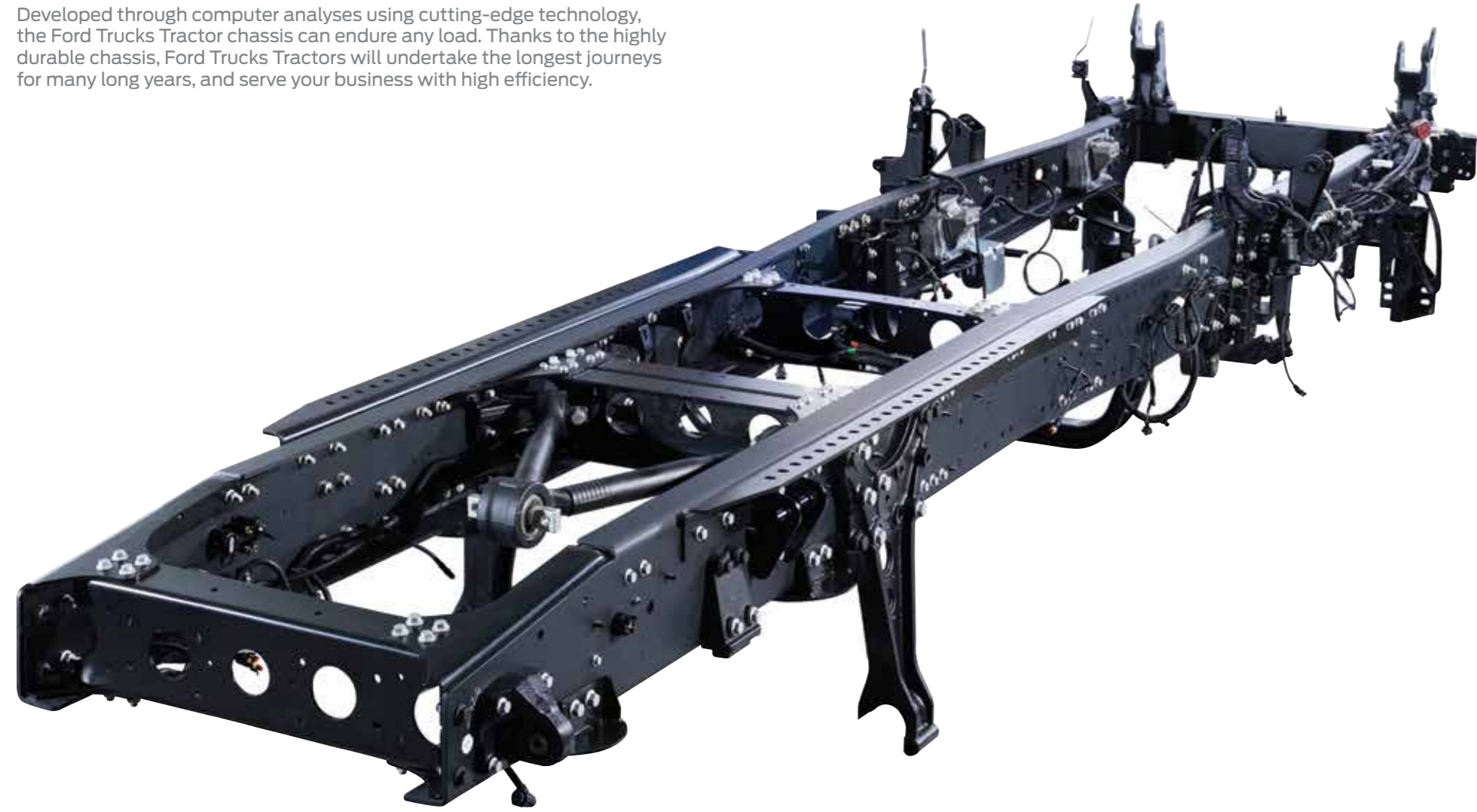


**Low Liner:** You can also choose the Low Liner version with a 5<sup>th</sup> wheel height that can be lowered down to 940 mm as preferred.



## Extremely durable...

Developed through computer analyses using cutting-edge technology, the Ford Trucks Tractor chassis can endure any load. Thanks to the highly durable chassis, Ford Trucks Tractors will undertake the longest journeys for many long years, and serve your business with high efficiency.



## ...and pushed to the extreme

With a rock solid frame, the Ford Trucks Tractors are tested for millions of kilometres under real driving conditions. With perfect test scores, they are proudly made available for the world transport industry.



# Ford Trucks Tractor Series

## Technical Specifications

Basic Features	1842T	1848T				
Vehicle Type	Tractor	Tractor				
Axle	4x2	4x2				
Emission	Euro 6	Euro 6				
Cabin Type	Extra High Roof Sleeper Cab	Extra High Roof Sleeper Cab				
Wheelbase (mm)	3600	3600				
Engine						
Type	Ecotorq 12,7 liters	Ecotorq 12,7 lt				
Displacement (cc)	12740	12740				
Bore x Stroke	130 mm x 160 mm	130 mm x 160 mm				
Power	420 PS (308,9 kW ) / 1800 rpm	480 PS (353 kW) / 1800 rpm				
Torque	2150 Nm / 1000-1300 rpm	2500 Nm / 1000 - 1200 rpm				
Compression Ratio	17 +/- 0,5 : 1	17 +/- 0,5 : 1				
Oil Filling Volume	50 L	50 L				
Coolant Volume	37 L (57 L with Intarder)	37 L (57 L with Intarder)				
Transmission						
Clutch	430 mm Single Disc	430 mm Single Disc				
Manuel Transmission / Ratios (1. gear - 16. gear)	ZF 16S 2230 (13,805 - 0,836)					
Automated Transmission / Ratios (1. gear - 12. gear)	ZF 12 TX 2210 (16,688-1)	ZF 12 TX 2620 TRAXON (16,688 - 1)				
Steering	Power Assisted Single Circuit	Power Assisted Single Circuit				
Chassis						
Chassis Thickness	10 mm	8mm with Local Reinforcement				
Chassis Strength	500 MPa	500MPa				
Suspension (Front / Rear)	90 mm Parabolic Leaf Springs / Air Suspension	90 mm Parabolic Leaf Springs / Air Suspension				
Axle	Single Reduction	Single Reduction				
Axle Ratio - 1200 mm 5 <sup>th</sup> Wheel (Manual /Automated )	3,08 / 2,64	- / 2,64				
Axle Ratio - 1100 mm 5 <sup>th</sup> Wheel (Manual / Automated )	2,85 / 2,47	- / 2,47				
Axle Ratio - 960 mm 5 <sup>th</sup> Wheel (Automated)		- / 2,47				
Tyres - 1200 mm 5 <sup>th</sup> Wheel (Manual / Automated )	295/80 R 22,5	295/80 R22,5				
Tyres - 1100 mm 5 <sup>th</sup> Wheel (Manual / Automated )	315/70 R 22,5	315/70 R22,5				
Tyres - 960 mm 5 <sup>th</sup> Wheel (Front / Rear)		315/60 R 22,5 / 295/60 R22,5				
Wheel Rim	Steel Wheel (22,5 x 9)	Steel Wheel (22,5 x 9)				
Braking System						
Brakes (Ø mm x mm Length)	430 x 45 - Disc Brakes	430 x 45 Disc Brakes				
Braking System	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater				
Engine Brake Power	max. 340 kW (Engine Level)	max. 340 kW (Engine Level)				
Intarder Power	max. 600 kW / Continuous 160 kW	max. 600 kW / Continuous 160 kW				
Electrical System						
Battery	24V, 2 x 12V 180 Ah	24V, 2 x 12V 180 Ah				
Alternator / Starter Motor	130 A / 6,5 kW	130 A / 6,5 kW				
Tanks						
Fuel Tank	600 L Aluminium	600 L Aluminium				
SCR Tank	78 L	78 L				
Weights (kg)	1. Axle	2. Axle	Total	1. Axle	2. Axle	Total
Technically Permissible Weights	7100	12600	18000	7100	12600	18000
Kerb Weight	5155	2194	7269	5113	1979	7092
Payload	1945	10406	10731	1987	10621	10908
GVM (Legal )	7100	11500	18000	7100	11500	18000

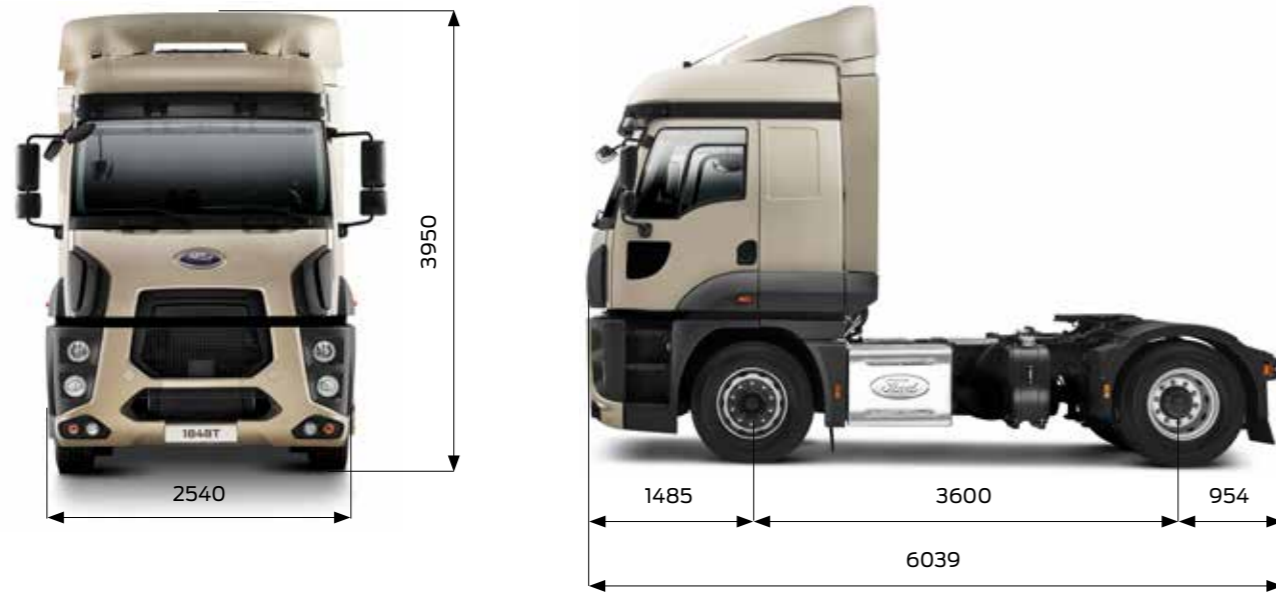
## Equipments

Ford Trucks	1842T	1848T	Ford Trucks	1842T	1848T
Air Conditioner	S	S	Immobilizer	S	S
Radio/CD Player	S	S	Single Key with Remote Control and Central Locking	S	S
Low Roof Sleeper Cab with Single Bed	O	O	Home Safe and Approach Lights	S	S
Automated Transmission (With Different Usage Modes)	O	S	Differential Lock	S	S
Extra High Roof Cab with Double Bed	S	S	Digital Tachograph	S	S
Dry Type Cab Heater	S	S	Switchable Air Compressor for Improved Fuel Economy	S	S
Air Suspended Cab	S	S	Variable Steering Pump for Improved Fuel Economy	S	S
Cruise Control	S	S	Hill Launch Assist	S	S
Electrically Operated Windows	S	S	Front Fog Lamps	S	S
Electrically Operated and Heated Side Mirrors	S	S	Spoiler	O	O
Electrically Operated Headlamp Leveling	S	S	Axle Load Indicator	S	S
Rake and Reach Adjustable Steering Column	S	S	Intarder	O	O
Heated and Air Suspended Driver Seat	S	S	ADR Package	O	O
Lumbar Support	S	S	Wet Type Cab Heater	O	O
Electrically Operated Sunroof	S	S	Cold Pack with Wet Type Cab Heater	O	O
Front and Rear Vehicle Antiroll Bars	S	S	Cold Pack with Dry & Wet Type Cab Heater	O	O
Disc Brakes	S	S	Electrically Operated Cab Tilting	O	O
Electronic Brake System (EBS) and Anti-Lock Brake System (ABS)	S	S	Engine Driven PTO	O	O
Advance Emergency Brake System (AEBS)	S	S	Transmission Driven PTO	O	O
Electronic Brake Force Control	S	S	5 <sup>th</sup> Wheel Options : 1050, 1100, 1150, 1200, 1250, 1300 mm	O	O
Brake Assistant	S	S	Low Liner 5 <sup>th</sup> Wheel Option : 960mm	-	O
Electronic Stability Control (ESP)	S	S	Jost 5 <sup>th</sup> Wheel	O	O
Brake Lining Wear Sensor	S	S	Double Fuel Tank	O	O
Lane Departure Warning System (LDWS)	S	S	Side Skirt	O	O
Auto Light Sensor	S	S	225 Ah Battery	O	O
Rain Sensor	S	S			

S: Standard  
O:Optional

# Dimensions

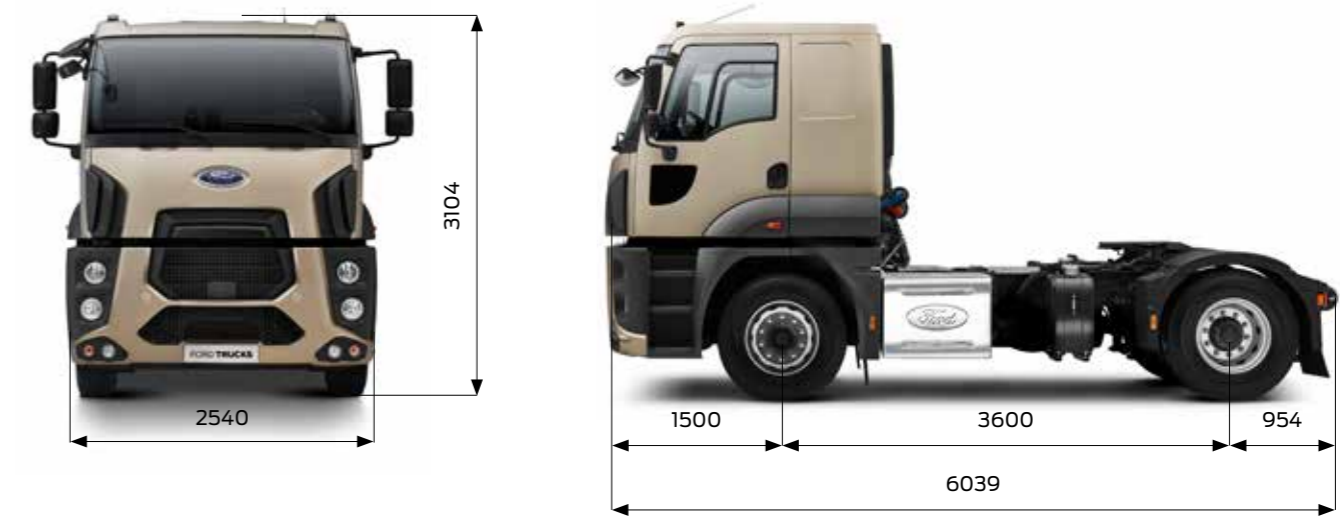
## Extra High Roof



Dimensions (mm)	
5 <sup>th</sup> Wheel Height	1100
Front Overhang	1485
Wheelbase	3600
Overall Length	6039
Overall Cab Length	2305
Total Height	3950
Overall Vehicle Width (Excluding Mirrors)	2540
Chassis Width	866
Rear Overhang	954
Chassis Height-Front	225
Chassis Height-Rear	285
Ground Clearance-Front	292
Ground Clearance-Rear	246
Turning Radius	7500

# Dimensions

## Low Roof



Dimensions (mm)	
5 <sup>th</sup> Wheel Height	1100
Front Overhang	1485
Wheelbase	3600
Overall Length	6039
Overall Cab Length	2305
Total Height	3104
Overall Vehicle Width (Excluding Mirrors)	2540
Chassis Width	866
Rear Overhang	954
Chassis Height-Front	225
Chassis Height-Rear	285
Ground Clearance-Front	292
Ground Clearance-Rear	246
Turning Radius	7500

# Color Options

## Opaque Colors

Cornel Red

Ford Orange

Ebony Black

Signal Yellow



Snow White

Mediterranean Sun

Lemon Yellow



Aegean Blue

Sky Blue

Anatolian Fire



## Metallic Colors

Stratosphere Blue

Night Grey



Metallic Black

Moondust Silver



Tectonic Grey



# Welcome to Ford Trucks Services:



## 1 Year Extended Warranty

You can extend the warranty period for your vehicle by one year with unlimited mileage.



## Maintenance Packs & Service Agreements

We can provide you with tailor-made options for your service & maintenance needs.



## On-site Maintenance and Repair Service

Our authorised technical services offer vehicle maintenance and repair service within your own locations to increase uptime of your vehicle.



## FDA - Ford Driving Academy

Did you know that you can reduce a major part of your expenses from maintenance to fuel with Ford Driving Academy? Facilitating the lives of companies especially through improved fuel consumption, the Ford Driving Academy provides the opportunity to learn the secrets for cost-effective driving with its expert staff. Safe Driving Training focuses on the principles of safe driving under tough working conditions such as hazardous material transportation and construction sites.



## Fleet Management System

Your vehicle is FMS ready with the built-in connection standard on all Ford Trucks models.







## Sharing the load

[www.fordtrucks.com.tr](http://www.fordtrucks.com.tr)