

VOLVO FH16 750

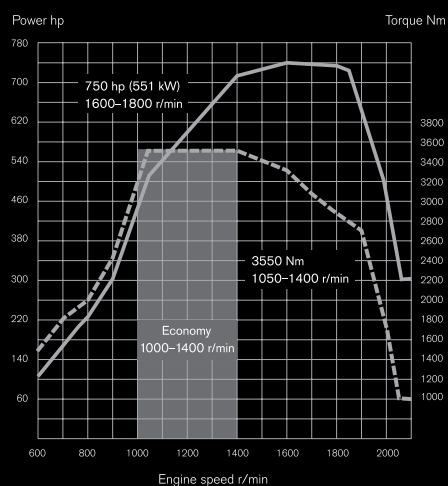


BRING IT ON

Volvo's philosophy has always been to create the most efficient and capable driveline. One where the power is transferred to the road quickly and reliably, no matter the surface. This approach has made it possible to increase the performance levels of the Volvo FH16 750 to a new industry high – without compromising durability or fuel consumption.



D16G – power torque



Remarkable torque

The 750 hp is what might catch your eye first. But what really makes an impression out on the road is the remarkable torque of 3550 Nm. Already at low revs, it provides enough power to make even the toughest assignment run easily.

Same fuel consumption – more power

The engine and the Engine After Treatment System (EATS) are optimized for handling the higher performance. This has been achieved with the robust Fixed Geometry Turbo (FGT) which also contributes to exceptionally good fuel economy. In fact, the new Volvo FH16 750 comes with considerable extra power but no increase to fuel consumption.

A new I-Shift version

The ATO3512D gearbox is a new and reinforced version of I-Shift, as convenient and

smooth as always. It is currently authorised for D16-engines only and it is ready for Euro 5 and EEV.

Lighter rear axle

Equipped with the new RSS1360 solo rear axle with single reduction, the Volvo FH16 750 can both save weight and cut fuel – especially in demanding, long-haul operations.

Stronger clutch

A new improved push type clutch with higher clamping force and improved damping springs has been developed to cope with the higher torque levels.

EEV option

The new Volvo FH16 750 is also available in an EEV version, developed mainly for operators in or around vulnerable city environments.



For 25 years the D16 engine has been pulling 50-metre road trains across burning deserts; heavy machinery along muddy trails; and huge stacks of timber up icy hills.

Throughout this time drivers and operators have come to depend on us for the very best truck. And so we proudly continue to develop the Volvo FH16 and D16 engine.



CELEBRATING 25 YEA

The late seventies: the world was growing rapidly – more people, bigger cities and far greater demands on productivity. Volvo Trucks was early to realise the need for a true power truck, capable of carrying greater loads further and faster.

A step ahead from the start

In 1987 the F16 entered the stage: a robust workhorse that became an immediate success. Not only within special transports, but also among customers in need of an extra powerful truck enabling higher average speeds in hilly terrain.

At the heart of the F16 was the new in-line, six-cylinder, 16-litre engine with four valves per cylinder, developing a groundbreaking 470 hp and 2015 Nm of torque. The unique engine design provided a level of performance that no other manufacturer could match.

As maximum train loads have continued to increase in many countries, so has the remarkable performance of the D16 engine. Always one step ahead, constantly adapting to new trends in customer demands – now for a quarter of a century.



1987 – F16: Introduction of the TD162F. Unique for its superior torque, 16-litre engine volume and 6 in-line cylinders.

1987

1993 – D16A: Introduced along with the FH-series. Upgraded with 520 hp, electronic fuel injection and more.



2005 – I-Shift: Even more power and comfort of a fully automatic transmission.

RS OF PERFORMANCE

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This is probably the best engine there is. It is smooth, quiet and feels harmonious. Yet it delivers all the power you need right from the start.

Berth “Knatte” Johansson, timber hauler and D16 driver since 1988

”



ry driver's dream.
coupled with the
utomated gearbox.

2012

2009 – 700 hp: Taking the power output to a higher level – but also the driveability, fuel economy and style.



2012 – 25 years: The new Volvo FH16 750 is here, ready to take on the most demanding jobs quickly and reliably.

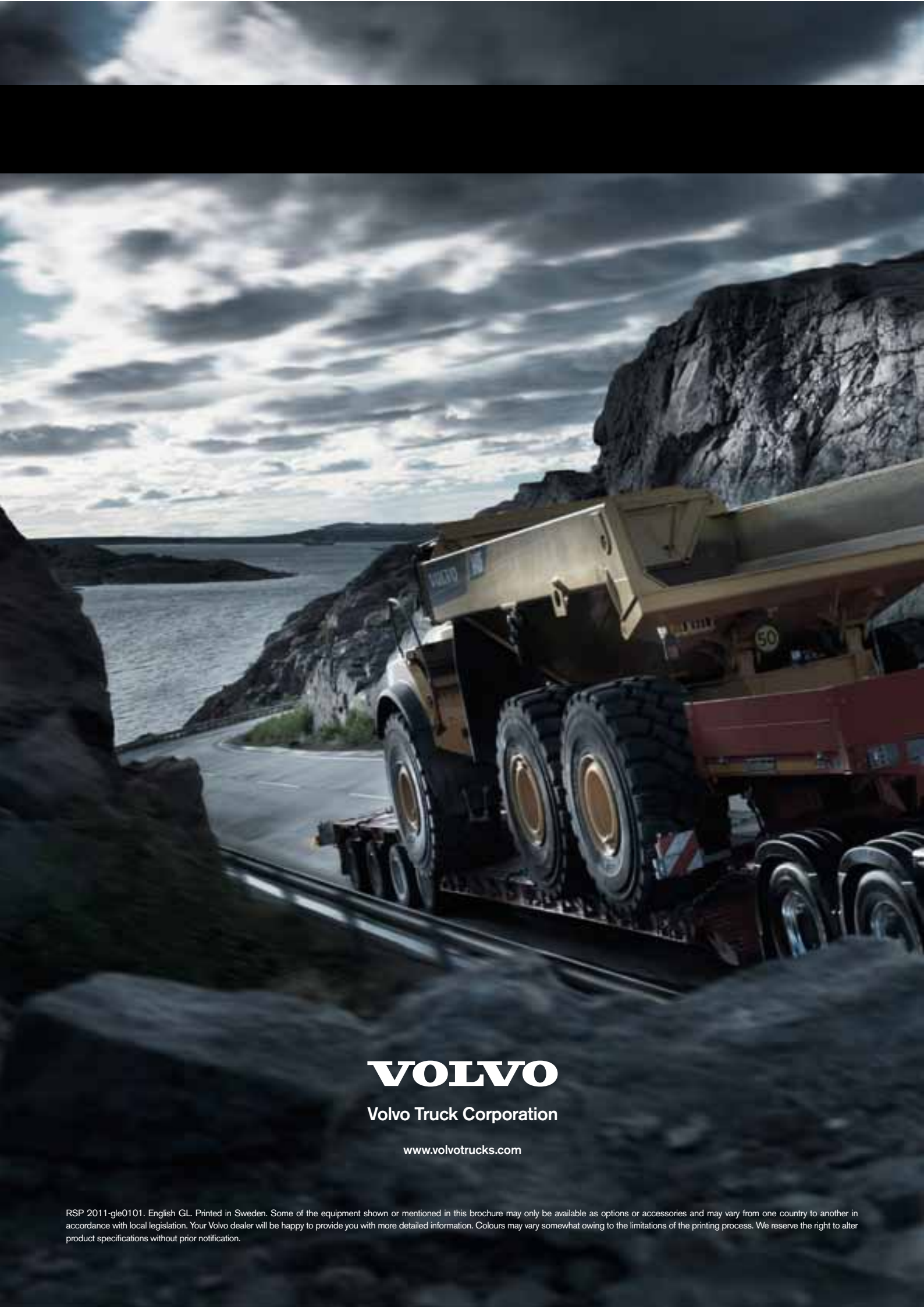




SPEED-UP THE HILLS

Probably you will want the climb to go on for longer. 3550 Nm can do that to a person. The feeling of immense torque pushing you to the top is something very special. And so

is the speed. It's on the steep hills that the new Volvo FH16 750 truly shows its potential, with higher average speeds and an outstanding driving experience.



VOLVO

Volvo Truck Corporation

www.volvotrucks.com

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