

Volvo Construction Equipment
Building Tomorrow



A45G

Volvo Articulated Haulers 41 t 485 hp



A large wind turbine stands in a field of rolling hills under a warm, orange-hued sunset sky. The turbine's blades are partially visible, with one blade extending from the left side of the frame. The ground is a mix of green and brown, suggesting a rural or agricultural setting. The overall atmosphere is serene and expansive.

WELCOME TO OUR WORLD

Welcome to a world of industry leading machinery. A world where imagination, hard work and technological innovation will lead the way towards developing a future which is cleaner, smarter, and more connected. A world supported by the enduring values of the Volvo Group. A world of stability, sustainability and innovation. A world which we put our customers at the heart of.

Welcome to the world of Volvo Construction Equipment – we think you're going to like it here.

Working harder, working smarter

For over 180 years Volvo has been a pioneer in the design and manufacture of machines which set the standard for efficiency, performance and uptime. Across our range of excavators, wheel loaders and haulers, our reputation for engineering excellence is unrivalled, which means whatever your operation or application, we can provide a total fleet solution to help you succeed.

Building on our proud history, the Volvo Concept Lab continues to create cutting-edge ideas and innovative concepts, to ensure we offer customers machines which work harder and smarter long into the future.



Solutions for you

Our industry leading machines are just the start of your relationship with Volvo. As your partner, we have developed an extensive range of additional solutions to help you improve uptime, boost productivity and reduce costs.

Designed for your business

Structured across nine blocks, our portfolio of products and services are designed to complement your machine's performance and boost your profitability. Simply put, we offer some of the best guarantees, warranties and technological solutions in the industry today.

There when you need us

Whether you're buying new or used, our global network of dealers and technicians offer around-the-clock support, including machine monitoring and world-class parts availability. It's the basis of everything offered by Volvo Services, so you can be confident we've got you covered right from the start.



BUILDING TOMORROW



1966: DR 631 GRAVEL CHARLIE

WORLD'S FIRST SERIES-MANUFACTURED ARTICULATED HAULER

By today's standards Gravel Charlie was not a big machine – but its impact on transport operations in the construction sector was massive.

- The world's first series manufactured articulated hauler
- Pioneering solutions including articulated steering, all-wheel drive and differential locks
- Unrivalled manoeuvrability in off-road conditions

GRAVEL CHARLIE MARKED THE BEGINNING OF SOMETHING NEW
AND SOMETHING WHICH WOULD CHANGE THE CONSTRUCTION SECTOR FOREVER.

25 000
ARTICULATED
HAULERS PRODUCED
BY VOLVO

1996

10 000
ARTICULATED
HAULERS
PRODUCED
BY VOLVO

1981



A40

1995

A class bigger

36 t

A complete product range
20 - 40 ton class



A25C

1993

First articulated hauler with low emission engine as standard



5350

1979

"Terrain Express" expanded Volvo articulated hauler's global success

20 t
50 km/h

- Constant 4-wheel drive
- Higher average speed in combination with higher load capacity = **improved profitability**
- Fully automatic transmission
- Unique suspension system allows high average speed
- Top class, roomy cab with low noise level



DR 860

1967

Master of rough terrain: 3-axle machine with unique bogie concept, still going strong

15 t
30 km/h

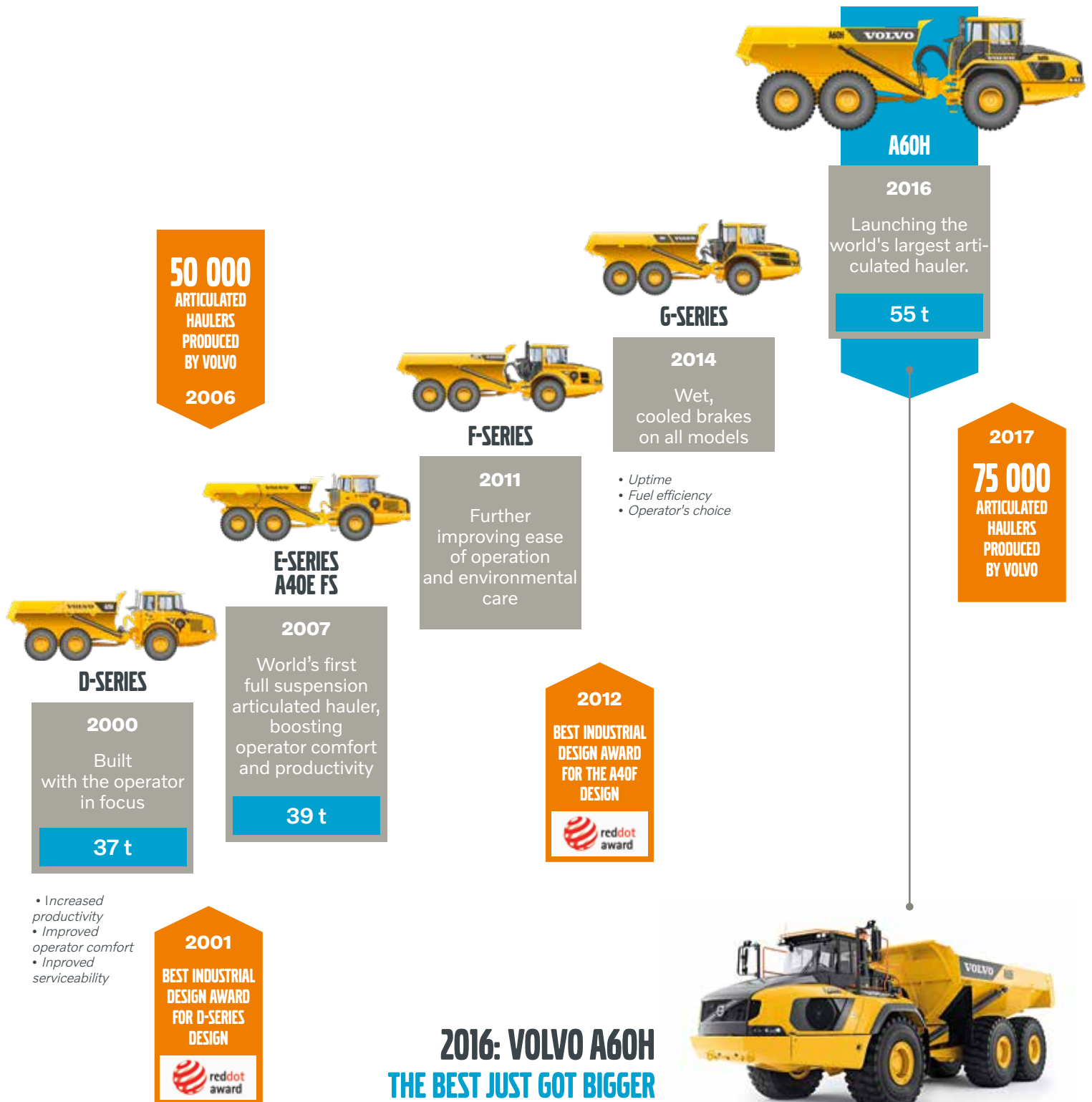


DR 631
GRAVEL CHARLIE

1966

World's first series-manufactured articulated hauler

10 t
25 km/h



Built on the proven Volvo technology of articulated steering, all-wheel drive and differential locks, the Volvo A60H has evolved to be bigger and bolder!

- The largest true articulated hauler on the market
 - 55 t payload capacity
- Meeting a growing demand for larger, higher payload haulers

BY EVOLVING OUR PRODUCT LINE-UP TO RESPOND TO CUSTOMER DEMANDS,
THE VOLVO A60H CONTINUES OUR PROUD HERITAGE OF INNOVATION AND MARKET LEADERSHIP IN HAULER SOLUTIONS.

Pure uptime

Get continuous production with this bigger, durable and superior machine – always available and ready to work. Count on superb reliability thanks to the machine's robust design, easy service access and outstanding Volvo dealer network. Guarantee pure uptime.

Guaranteed durability

Increase your uptime using heavy-duty front and rear frames, hitch and wet disk brakes. Volvo proven durability and the support of extensive warranty options means you never need to worry about getting the job done. Strength and durability are hallmarks of the Volvo articulated hauler.



Over fifty years strong

Fifty years and fifty tonnes later, Volvo is the world's leading manufacturer of articulated haulers. We invented the concept and have been developing and building these machines for over 50 years – it has come a long way from its original 10 tonne articulated hauler. With proven success over the years, the machines include innovative technology and the renowned Volvo engine.



Service access

With industry-leading access, servicing your machine is quick and easy. The front grill swings down, opening a service platform with anti-slip steps. The electric hood opens to 90 degrees, allowing full and safe access to the engine compartment.



Volvo dealer network

The exclusive Volvo dealer network is there to support you whenever you need it. Volvo offers a number of services, local knowledge and global experience, including telematics machine monitoring – CareTrack™ and MATRIS™ – as well as superb parts availability.





UPTIME

Get ready to work with the all new A45G . Designed for heavy hauling in severe off-road operation, the machine's long service life, quality, reliability and durability is everything you expect from a Volvo. Hauling is easier and more efficient.



FUEL EFFICIENCY GUARANTEED

The A45G powered by the world-renowned Volvo engine delivers excellent fuel efficiency without compromising on power or performance. With guaranteed fuel efficiency, this machine will increase your profitability and improve your return on investment.

World-renowned efficiency

Improve your efficiency and move more for less. Excellent fuel efficiency, innovative technology and useful operational data tools help to control your maintenance costs and maximize your investment.

Move more for less

The machine is optimized for efficiency featuring higher payload capabilities. Its smart design allows for more capacity while reducing fuel consumption so you can move more for less.



Operational data

Receive valuable data to improve onsite efficiency and save costs. With intelligent systems from Volvo such as MATRIS™, CareTrack™ and the On Board Weighing system, you will optimize your production and minimise your operational costs.



Control your maintenance costs

The range of Customer Support Agreements offer preventive maintenance, total repairs and a number of uptime services. Volvo uses the latest technology to monitor machine operation and status, giving you advice to increase your profitability. By having a Customer Support Agreement you are in control of your service costs.



Volvo dynamic drive

Dynamic and predictive gear selection adapts to operating conditions, for improved comfort and fuel efficiency.



Hit the targets

Hit your targets with the A45G. This machine features 100% off-road performance, proven Volvo technology and increased payload – contributing to sustainable operations, year after year.

Articulated hauler concept

Go where others can't. The articulated hauler concept provides total versatility so you can access the entire jobsite and climb steeper gradients. Work in all seasons, terrains and applications. With body building solutions and different chassis options you can tailor the machine to your jobsite.



Simply the best

The A45G machine delivers unbeatable off-road performance in its class with features including matched Volvo drivetrain, Automatic Traction Control including 100% differential locks, all-terrain bogie, hydro-mechanical steering.



The right speed for the job

Ensure the right speed for your job using the retarders and dynamic Volvo Engine Brake to adapt your speed for maximum productivity and safety.



Load optimization

The optional On Board Weighing System guarantees the optimal load every cycle. This maximizes production, boosts fuel efficiency and reduces machine wear in all site conditions and operations.





THE BEST JUST GOT BIGGER

Bigger means better when loading more tonnes per hour, with an extra two tonne payload you can carry more in one go. The A45G articulated hauler is built to improve your cycle times and productivity.

The ultimate hauler

OPERATOR'S CHOICE

Its comfortable cab and ease of operation, even in adverse conditions, makes operators choose this machine.

Guaranteed durability

Volvo proven durability and support mean you never need to worry about getting the job done.

Over fifty years strong

Over fifty years later, Volvo is still the world's leading manufacturer of articulated haulers.

Service access

With industry-leading access, servicing your machine is quick and easy.

Cruise Control

Set and adjust the cruise control to maintain a constant travel speed for smoother and more efficient hauling.

OptiShift

Directional changes are made smoother, easier and faster.

UPTIME

Designed for heavy hauling in severe off-road operation, its long service life, quality, reliability and durability is everything you expect from a Volvo.



FUEL EFFICIENCY GUARANTEED

Powered by the world-renowned Volvo engine delivers excellent fuel efficiency without compromising on power or performance.

Dump support system

The new dump support system increases stability and control in tough environments.

Downhill Speed Control

Easily maintain control and speed when operating downhill, for safer and more comfortable operation.

Brake test

Schedule and perform a safe and easy stationary test, guided by the operator's display.

Volvo dynamic drive

Gear shifting adapts dynamically to operating conditions, for improved comfort and fuel efficiency.

THE BEST JUST GOT BIGGER

Move more tonnes per hour and give a 100% in all conditions with an increase two tonne payload.





OPERATOR'S CHOICE

A happy operator is a more productive operator and when many other machines are onsite, most operators prefer the Volvo. Even in the most adverse conditions, its comfortable cab and ease of operation keep operators alert and performing their best.

Control in comfort

The industry-leading spacious cab and comfortable work environment make the A45G the number one choice for operators. Its superior comfort, control, ease of operation and safety appeals to operators, helping to maintain outstanding productivity all day, every day.

Total operator control

The A45G is packed with features to help operators get the most from the machine. Intelligent functions such as cruise control, downhill speed control and hill assist help the operator control the machine with ease and efficiency, for enhanced safety and productivity in all conditions.



Ease of operation

The ergonomic and comfortable controls make Volvo articulated haulers easy to understand and suit all operators. Automatic functions such as OptiShift – which enables fast and smooth directional changes – offer even greater ease of operation for an unrivalled operator experience.



Operator comfort

Feel comfortable and spend more time in the A45G. The centrally positioned operator, superior steering, excellent suspension, low noise levels, climate control, space and visibility, reduce operator fatigue for more effective operations.



Safety

Whether its operators, trainers, technicians or site workers – safety on site is of fundamental importance. In the A45G superior visibility and efficient lighting combine with a number of safety features, such as the brake test and dump support, helping to keep the operator and people working around the machine safe, even in the most demanding working environments.



Specifications

A45G

Payload capacity	kg	41 000
Body volume, SAE 2:1 heap	m ³	25.1
Net weight	kg	30 000
Gross weight	kg	71 000
Engine		Volvo D16F
Max Engine gross power	kW	350
. . . at engine speed	r/min	1 800
Max SAE J1349 gross torque	Nm	2 525
. . . at engine speed	r/min	1 050
Max. speed	km/h	57

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

VOLVO

Volvo Construction Equipment

volvoce.com