



Volvo Construction Equipment

# A35G, A40G

VOLVO ARTICULATED HAULERS 33.5-39t 447-476hp



**50**  
YEARS  
VOLVO  
1966  
2016  
ARTICULATED  
HAULERS

# A passion for performance.

At Volvo Construction Equipment, we're not just coming along for the ride. Developing products and services that raise productivity – we are confident we can lower costs and increase profits for customers around the globe. Part of the Volvo Group, we are passionate about innovative solutions to help you work smarter – not harder.

## Helping you to do more

Doing more with less is a trademark of Volvo Construction Equipment. High productivity has long been married to low energy consumption, ease of use and durability. When it comes to lowering life-cycle costs, Volvo is in a class of its own.

## Designed to fit your needs

There is a lot riding on creating solutions that are suited to the particular needs of different industry applications. Innovation often involves high technology – but it doesn't always have to. Some of our best ideas have been simple, based on a clear and deep understanding of our customers' working lives.



## You learn a lot in 180 years

Over the years, Volvo has advanced solutions that have revolutionized the use of construction equipment. No other name speaks Safety louder than Volvo. Protecting operators, those around them and minimizing our environmental impact are traditional values that continue to shape our product design philosophy.

## We're on your side

We back the Volvo brand with the best people. Volvo is truly a global enterprise, one that is on standby to support customers quickly and efficiently – wherever they are.

## We have a passion for performance.

### A strong, dedicated, capable dealer network.

Our dealers are strategically located throughout North America to provide the equipment you need and the parts and service support you demand for a productive and profitable operation.

The strength of our dealer network is enhanced with extensive individualized product support training at our best-in-class Customer Center in Shippensburg and through hands-on training. Using a great Product Demonstration Center featuring a dedicated area for most common applications, visitors operate equipment from our entire product line under a variety of simulated working conditions. This facility is in year-round use by our dealers and customers.

### Building the best starts right here.

The products designed and manufactured by Volvo Construction Equipment have their beginnings at the most advanced Research & Design centers in the industry. Volvo CE machines are designed in 11 R&D centers and produced in 15 manufacturing facilities across the world.

The major R&D center and manufacturing plant in the Americas is located in Shippensburg, Pennsylvania. This facility has been in operation for over 30 years and – with its recently added 200,000 sq. ft. expansion – now covers 570,000 sq. ft. on an 80 acre campus. Dedicated work teams and highly advanced technologies and techniques using the Volvo Production System ensure continuous quality improvements, labor savings and cost control to reach the high quality that our customers have come to expect from Volvo.





Volvo Trucks



Renault Trucks



Mack Trucks



UD Trucks



Volvo Buses



Volvo Construction Equipment



Volvo Penta



Volvo Financial Services



#### **Volvo drivetrain**

From the engine to the axles, the ideally-matched, all-Volvo drivetrain has been purpose built for articulated haulers ensuring perfect harmony and optimized performance. The Volvo design delivers high rimpull, low fuel consumption and superior reliability in heavy-duty applications.

# The undisputed leader.

Since Volvo Construction Equipment invented the world's first articulated hauler in 1966, machine owners and operators have got to know the legendary reputation of these market leading machines. With innovative features to help you tackle tough jobs, the A35G and A40G provide the power, strength and reliability you need to maximize your productivity.

## **Volvo engine**

Featuring advanced technology and built on decades of experience, the powerful, new Volvo engine meets the Stage IV/Tier 4f emission regulations and delivers the ultimate combination of high performance and low fuel consumption.

## **Wet brakes on all axes**

Oil-cooled, wet, multiple disc brakes on all three axes deliver industry-leading braking performance, low operating costs and ultimate durability – even on the muddiest and dustiest sites. The powerful and easy-to-operate retardation system controls downhill hauling speed using the wheel brakes and the Volvo Engine Brake (VEB).



## **Automatic Traction Control (ATC) and differential locks**

Volvo's unique design boasts 100% lockable, no-slip, no-wear differential locks in 6x4 and 6x6 drive combinations. ATC automatically activates the differential locks and selects the correct combination based on the ground conditions – ensuring optimal traction and mobility with reduced fuel consumption and tire wear. By locking all differentials, all wheels rotate at the same speed for maximum traction in tough terrain.

# The legacy continues.

Strength and durability are hallmarks of the A35G and A40G. With heavy-duty front and rear frames designed for severe off-road operation and long service life, these machines have the quality, reliability and durability that you expect from Volvo. Hauling is easier, more efficient and more effective.

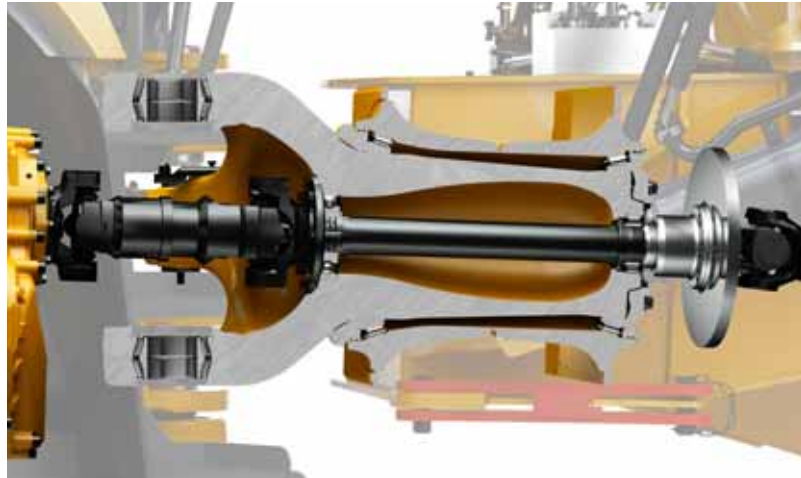
## Hydro-mechanical steering

Unique, self-compensating, hydro-mechanical system provides precise steering, excellent maneuverability and a short turning radius. Volvo's superior system delivers powerful and accurate steering, ensuring outstanding machine control and highly productive, safe operation.



## Maintenance free rotating hitch

For high uptime and low operating costs, the 100% maintenance free, sealed hitch, features permanently greased tapered roller bearings. It allows independent movement of the tractor and trailer without frame twist, while providing oscillation for good ground contact in rough conditions.



## Durable frames

Heavy-duty, rigid front and rear frames have been designed for severe off-road operations and long life-span. The robust Volvo design is utilizing robotic welding for ultimate quality and durability.



#### **Articulation and oscillation joint**

The connection between the tractor and the trailer unit has high ground clearance, industry-leading hydro-mechanical steering and a maintenance free rotating hitch design. This combination boosts accessibility and drivability in severe conditions and maximizes uptime.

# Adding value to your business.

Being a Volvo customer means having a complete set of services at your fingertips. Volvo can offer you a long-term partnership, protect your revenue and provide a full range of customer solutions using high quality parts, delivered by passionate people. Volvo is committed to increasing the positive return on your investment and maximising uptime.



## Complete Solutions

Volvo has the right solution for you. So why not let us provide all your needs throughout the whole life cycle of your

machine? By listening to your requirements, we can reduce your total cost of ownership and increase your revenue.



## Genuine Volvo Parts

Our attention to detail is what makes us stand out. This proven concept acts as a solid investment in your machine's future. Parts are extensively tested and approved because every part is vital for uptime and performance. Only by using Genuine Volvo Parts, can you be sure that your machine retains the renowned Volvo quality.



## Service Network

In order to respond to your needs faster, a Volvo expert is on the way to your job site from one of our Volvo facilities. With our extensive infrastructure of technicians, workshops and dealers, Volvo has a comprehensive network to fully support you using local knowledge and global experience.





#### Operational data

With vital information at your fingertips, Volvo offers machine owners, operators and service technicians access to a wealth of data that will improve productivity and save money. Enhance operator and owner awareness with fuel efficiency, cycle time and hauler load statistics.

# The key to profitability.

Unlock the secret to hauler productivity with innovations including Volvo's telematics system, revolutionary On Board Weighing technology and diagnostic tools. Volvo gives you access to important information – including fuel consumption and productivity data – to improve performance and increase machine availability. It all adds up to more with Volvo.

## CareTrack

Volvo articulated haulers are equipped with CareTrack<sup>®</sup>, the company's telematics system. CareTrack provides information to improve productivity and efficiency – including fuel consumption data, location reports and service reminders.

\*In markets where CareTrack is available.

## On Board Weighing (OBW)

Exterior load indicator lights are visible to the operator loading the hauler – illuminating yellow at part load, green at nominal load and red when overloaded. OBW logs all transported loads for complete payload management and presents this data on the operator display. The information can be accessed remotely via CareTrack, the Volvo telematics system.



## Contronics

Contronics continuously provides valuable information on the hauler's systems and operation. Diagnostics and data needed for optimum operation, such as malfunction indicators, are communicated to the operator via a color monitor, which together with a keypad, provide easy navigation between different screens and functions.

## MATRIS

This tool uses information from the machine to analyze and monitor operation. MATRIS analysis supports optimized performance by tracking activity characteristics and identifying opportunities for improvement – resulting in better fuel economy, efficient operation and longer machine life.

# Heavy-duty for heavy duties.



## Articulation and oscillation joint

The connection between the tractor and the trailer unit has high ground clearance and a maintenance free rotating hitch design.

## Dumping functionality

Volvo's patented, user-friendly load and dump brake technology and tipping lever deliver precise dumping control and faster cycle times.



## Operational data

Volvo offers machine owners, operators and service technicians access to a wealth of vital data that will control productivity and save money.

## CareTrack

Volvo's telematics system guides machine owners towards optimized productivity and their next service – remotely.

## Automatic Traction Control (ATC) and differential locks

Volvo's unique design boasts 100% lockable, no-wear differential locks in 6x4 and 6x6 drive combinations, ensuring excellent rimpull at all times.

## Wet brakes

Oil-cooled, wet, multiple disc brakes on all three axles deliver industry-leading braking performance and low operating costs – even on the muddiest and dustiest sites.



### On Board Weighing (OBW)

OBW logs all transported loads for complete payload management. The data is presented on the operator display as well as remotely via CareTrack, the Volvo telematics system.



### Volvo Care Cab

The centrally positioned operator station features ergonomically positioned controls, all-around visibility and low internal noise levels for high productivity throughout the shift.

### Hydro-mechanical steering

Unique, self-compensating, hydro-mechanical system provides precise steering, excellent maneuverability and directional stability at high speeds.



### Service access

The front grill swings down, acting as a service platform with anti-slip steps. There is full, safe access to the engine compartment via the 90 degree tilting hood.



### Volvo drivetrain

The ideally-matched, all-Volvo drivetrain with unique high-ground clearance inline dropbox, has been purpose built for articulated haulers ensuring perfect harmony and optimized performance.

### Volvo engine

The new, powerful Stage IV/ Tier 4f Volvo engine delivers the ultimate combination of high performance and high fuel efficiency.



#### **Volvo Care Cab**

The centrally positioned operator station features ideally placed pedals, controls and switches and all-around visibility from a wide front windshield, full-glass door, sloping hood and large rear-view mirrors. With effective sound insulation, the spacious ROPS/FOPS cab has low internal noise levels for high productivity throughout the shift.

Volvo's industry-leading, spacious cab offers a comfortable work environment for maximum productivity. With all-around visibility and easy to access controls, the operator will perform efficiently in comfort all day long. Step inside and see the results for yourself.

# More comfort = more productivity.

## Dumping functionality

Precise dumping control and faster cycle times are delivered through Volvo's patented, user-friendly load and dump brake technology. Together with the tipping lever – which provides automatic float and body lowering– this facilitates ease of operation and reduced fatigue.

## Safe access

With no threshold to cross, the operator can easily enter and exit the cab through the wide opening door. Anti-slip steps and conveniently placed handrails provide safe entry and exit.



## Climate control system

With more than 98% efficiency, Volvo's air filtration system provides the cleanest operator environment in the industry – even in dusty conditions. The high-capacity heating and ventilation system improves comfort, enhancing productivity. Separate defroster vents keep the windows clear.

## Seat offering

A variety of air-suspended seat combinations offer improved operator comfort. Choose from a two, three-point seatbelt. For maximum comfort, select the optional armrest and head restraint.

# Your uptime = our priority.

Taking care of your articulated hauler shouldn't be complicated. The A35G and A40G boast long service intervals, low maintenance requirements and excellent serviceability – this adds up to more uptime and productive hauling.

## Swing-down grill

Grouped engine oil filters are easily accessed via the swing-down front grill. The special valve in the belly plate and a dedicated drainage hose, stored in the front grill, ensure fast oil change without spillage.

## Retardation system

Fully enclosed, wet disc brakes feature an external cooling system that absorbs heat and filters the oil from the brakes even when the machine is at a standstill. This prevents contamination while ensuring low operating costs and long service life.



## Automatic monitoring

For maximum uptime and machine availability, the Contronics system electronically monitors fluid levels, providing deviation warnings and scheduled service reminders. This can also be accessed remotely via CareTrack, Volvo's telematics system.



#### **Service access**

The front grill swings down, acting as a service platform with anti-slip steps. The hood tilts up to 90 degrees for full and safe access to the engine compartment. This makes reaching service points, changing filters and cleaning the cooling package quicker and easier.

# Volvo A35G, A40G in detail.

## Engine

V-ACT, 6-cylinder straight VGT (Variable Geometry Turbocharged) diesel engine with 4 valves per cylinder, overhead camshaft and electronically controlled unit injectors. It has wet replaceable cylinder liners and replaceable valve guides and valve seats. The engine has cooled EGR (Exhaust Gas Recirculation) and exhaust after treatment with EAT-Muffler (Exhaust After treatment) including DOC (Diesel Oxidation Catalyst), DPF (Diesel Particulate Filter) and SCR (Selective Catalytic Reduction) with an electronically controlled UDS (Urea Dosing System). The after treatment system features passive DPF regeneration, keeping active regeneration to a minimum. Cooling system: High capacity cooling system with power and fuel saving, variable speed hydraulic driven fans.

<b>A35G</b>		Volvo D13J (Tier 4f / Stage IV)			
Max power at	r/s	31,7	r/min	1 902	
SAE J1995 Gross	kW	329	hp	447	
Flywheel power at	r/s	31,7	r/min	1 902	
ISO 9249, SAE J1349 Net	kW	327	hp	445	
Max torque at	r/s	20	r/min	1 200	
SAE J1995 Gross	Nm	2 360	lb ft	1 741	
ISO 9249, SAE J1349 Net	Nm	2 345	lb ft	1 730	
Displacement	l	12,8	in <sup>3</sup>	781,1	
<b>A40G</b>		Volvo D16J (Tier 4f / Stage IV)			
Max power at	r/s	30	r/min	1 800	
SAE J1995 Gross	kW	350	hp	476	
Flywheel power at	r/s	30	r/min	1 800	
ISO 9249, SAE J1349 Net	kW	347	hp	472	
Max torque at	r/s	17,5	r/min	1 050	
SAE J1995 Gross	Nm	2 525	lb ft	1 862	
ISO 9249, SAE J1349 Net	Nm	2 500	lb ft	1 844	
Displacement	l	16,1	in <sup>3</sup>	982,5	

## Drivetrain

Torque converter with built-in lock-up function.  
Transmission: Fully automatic Volvo PowerTronic planetary transmission with nine forward gears and three reverse gears. The transmission has the ability to skip gears for fast and accurate gear selection  
Dropbox: Volvo-developed, in-line design with high ground clearance and 100% longitudinal "dog clutch" type differential lock.  
Axles: Heavy duty, purpose built Volvo design with fully floating axle shafts, planetary type hub reductions and 100% dog clutch type diff-lock.  
Automatic traction control system (ATC).

### A35G/A40G

Torque converter	2,1:1
Transmission, Volvo	PT 2519
Dropbox, Volvo	IL2 ATC
Axles, Volvo	ARB H35/H40

## Electrical System

Cables are enclosed in plastic conduits, secured to the main frame. All cables, sockets and pins are identified. Prewired for options. Connectors meet IP67 standard for water-proofing. Easy accessed battery disconnect switch. Halogen lights. Powerful LED lights is optional.

### A35G/A40G

Voltage	24 V (2x12V)
Battery capacity	2x170/2x225 Ah
Alternator	2,26 kW (80 A)
Starter motor	9,0 kW (12 hp)

### Brake System

Complies with ISO 3450.

Fully hydraulic, wet multiple disc brakes with enclosed, forced oil-cooled multiple discs on all wheels.

Two independent circuits: one for front axle and one for bogie axles.

Secondary brake: Dual brake circuits with rechargeable accumulators.

Parking brake: spring-applied disc brake on the propeller shaft.

Retarder: Service brake retarder function and Volvo Engine Brake (VEB).

### Steering System

Hydro-mechanical articulated steering, self compensating design.

Two double-acting steering cylinders.

Steering angle: 3,4 steering wheel turns lock-to-lock,  $\pm 45^\circ$ .

Steering system, including secondary steering fulfills ISO 5010.

### Chassis

Frames: box type, heavy duty. High strength steel, robot welded.

Rotating hitch: 100% maintenance free, fully sealed, with permanently greased tapered roller bearings.

Front suspension: 100% maintenance free. Independent wheel movement via a 3-point mounting system.

Rear suspension: 100% maintenance free. Straddle mounted bogie beam. Independent wheel movement via a 3-point mounting system.

### Cab

Mounted on rubber pads. Ergonomically designed. Easy entry and exit. Wide angle forward view.

Operator centrally positioned above the front axle. Adjustable operators seat with retractable seat belt.

Tilt/telescopic steering wheel. Ergonomically positioned controls.

Filtered air. Optional climate control system.

Operator communication system: Contronics.

Large color display, user-friendly and easy-to-understand information, all vital machine functions are constantly monitored.

Instructor seat with seat belt.

Safety: ROPS/FOPS standards approved according to ISO3471, SAE J1040 / ISO3449, SAE J231.

Sound level in cab according to ISO 6396: 74 dB(A).

External sound level\* according to ISO 6395: 110 dB(A).

### Hydraulic System

Pumps: Five variable displacement piston pumps driven by the flywheel PTO.

One ground-dependent piston pump for secondary steering mounted on the dropbox.

Two return oil filters with magnetic cores provide effective oil filtration.

System max working pressure is 25 Mpa (3 626 psi).

### Dumping System

Patented Load and Dump Brake.

Dumping Cylinders: two single stage double acting cylinders.

### A35G/A40G

Tipping angle	°	72/70
Tipping time with load	sec	12
Lowering time	sec	10

### Body

#### Plate thickness:

Front	mm	8	"	0,31
Sides	mm	12	"	0,47
Bottom	mm	16	"	0,63
Chute	mm	16	"	0,63

#### Material: HB400 steel

Yield strength	N/mm <sup>2</sup>	1 000	psi	145 000
Tensile strength	N/mm <sup>2</sup>	1 250	psi	181 000

### Load Capacity

			A35G		A40G	
Standard Body						
Load capacity	kg	sh.ton	33 500	36.9	39 000	43.0
Body, struck	m³	yd³	16	20.9	18,4	24.1
Body, heaped 2:1	m³	yd³	20,5	26.8	24	31.4

#### With overhung tailgate

Body, struck	m <sup>3</sup>	yd <sup>3</sup>	16,4	21.5	18,8
Body, heaped 2:1	m <sup>3</sup>	yd <sup>3</sup>	21,4	28.0	24,7

# Specifications.

Fill capacities						
			A35G		A40G	
Crankcase	litre	US gal	50	13.2	54	14.3
Fuel tank	litre	US gal	480	126.8	480	126.8
Cooling system	litre	US gal	75	19.8	75	19.8
Transmission	litre	US gal	40	10.6	40	10.6
Dropbox	litre	US gal	9	2.4	9	2.4
Axles, front/bogie	litre	US gal	26/56	6.9/14.8	26/56	6.9/14.8
Brake cooling system	litre	US gal	226	59.7	226	59.7
Hydraulic tank	litre	US gal	245	64.7	245	64.7
DEF/AdBlue	litre	US gal	39	10.3	39	10.3

Speed						
			A35G		A40G	
Forward						
1	km/h	mph	6	4	6	4
2	km/h	mph	8	5	9	6
3	km/h	mph	11	7	10	6
4	km/h	mph	15	9	15	9
5	km/h	mph	22	14	22	14
6	km/h	mph	28	17	27	17
7	km/h	mph	37	23	36	22
8	km/h	mph	49	30	48	30
9	km/h	mph	57	35	57	35
Reverse						
1	km/h	mph	7	4	7	4
2	km/h	mph	10	6	9	6
3	km/h	mph	18	11	18	11

Operating weight unloaded						
			A35G		A40G	
<b>Tires</b>			<b>26.5R25*</b>		<b>29.5R25**</b>	
Front	kg	lb	16 000	35,274	16 600	36,597
Rear	kg	lb	13 200	29,101	14 100	31,085
Total	kg	lb	29 200	64,375	30 700	67,682
Payload	kg	lb	33 500	73,855	39 000	85,980

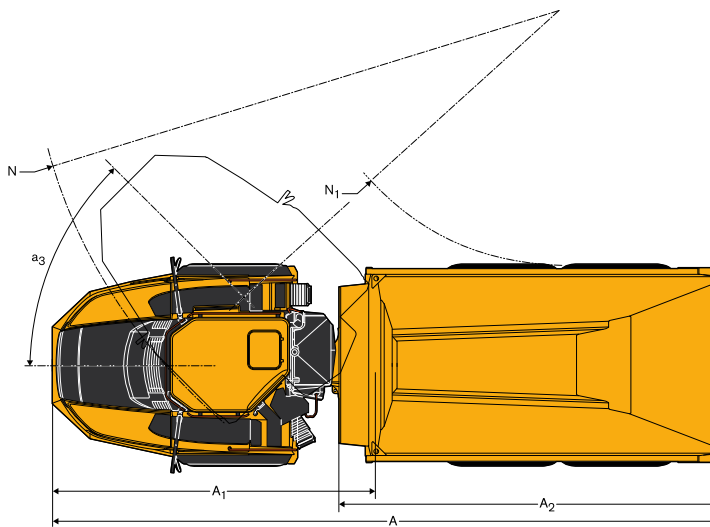
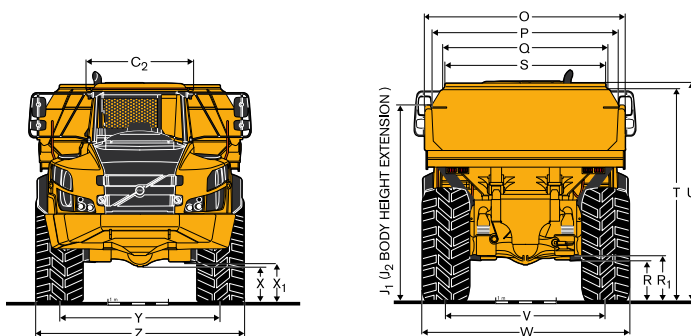
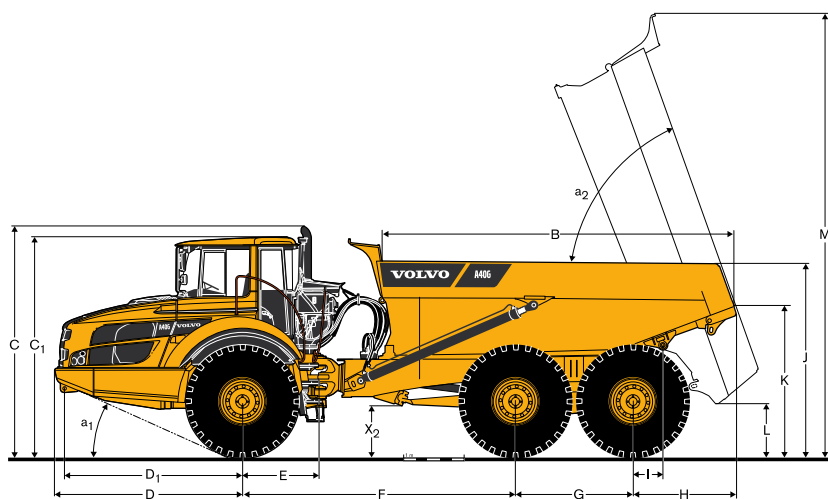
Total weight							
			A35G		A40G		
<b>Tires</b>			<b>26.5R25*</b>		<b>29.5R25**</b>		
Front	kg	lb	19 000	41,888	20 500	45,195	
Rear	kg	lb	43 700	96,342	49 200	108,467	
Total	kg	lb	62 700	138,230	69 700	153,662	

Operating weight includes all fluids and operator

\*) A35G with tires 775/65R29, add 200 kg/axle    \*\*) A40G with tires 875/65R29, add 300 kg/axle

Ground Pressure											
			A35G				A40G				
Tires			26.5R25		775/65R29		29.5R25		875/65R29		
Unloaded											
Front	kPa	psi	135	20	114	17	118	17	98	14	
Rear	kPa	psi	56	8	47	7	50	7	42	6	
Loaded											
Front	kPa	psi	160	23	135	20	157	23	121	18	
Rear	kPa	psi	184	27	155	22	175	25	145	21	

Pos	A35G		A40G	
	mm	foot	mm	foot
A	11 180	36'8"	11 263	36'11"
A <sub>1</sub>	5 476	18'0"	5 476	18'0"
A <sub>2</sub>	6 241	20'6"	6 404	21'0"
B	5 540	18'2"	5 821	19'1"
C	3 716	12'2"	3 769	12'4"
C <sub>1</sub>	3 546	11'8"	3 597	11'10"
C <sub>2</sub>	1 772	5'10"	1 772	5'10"
D	3 101	10'2"	3 101	10'2"
D <sub>1</sub>	2 941	9'8"	2 942	9'8"
E	1 277	4'2"	1 277	4'2"
F	4 578	15'0"	4 518	14'10"
G	1 820	6'0"	1 940	6'4"
H	1 683	5'6"	1 706	5'7"
I	650	2'2"	495	1'7"
J	2 995	9'10"	3 154	10'4"
K	2 314	7'7"	2 457	8'1"
L	900	2'11"	844	2'9"
M	7 248	23'9"	7 287	23'11"
N	8 853	29'1"	8 967	29'5"
N <sub>1</sub>	4 395	14'5"	4 307	14'2"
O	3 106	10'2"	3 374	11'1"
P	2 870	9'5"	3 074	10'1"
Q	2 553	8'5"	2 730	8'11"
R	579	1'11"	635	2'1"
R <sub>1</sub>	668	2'2"	722	2'4"
S	2 422	7'11"	2 653	8'8"
T	3 401	11'2"	3 462	11'4"
U	3 516	11'6"	3 565	11'8"
V	2 534	8'4"	2 636	8'8"
V*	2 625	8'7"	2 709	8'11"
W	3 258	10'8"	3 433	11'3"
W*	3 410	11'2"	3 570	11'9"
X	521	1'9"	571	1'10"
X <sub>1</sub>	607	2'0"	658	2'2"
X <sub>2</sub>	754	2'6"	807	2'8"
Y	2 534	8'4"	2 636	8'8"
Y*	2 625	8'7"	2 709	8'11"
Z	3 258	10'8"	3 433	11'3"
Z*	3 410	11'2"	3 570	11'9"
a <sub>1</sub>	23.6°	23.6°	24.3°	24.3°
a <sub>2</sub>	72°	72°	70°	70°
a <sub>3</sub>	45°	45°	45°	45°



A35G: Unloaded machine with 26,5R25  
A40G: Unloaded machine with 29,5R25  
\*) A35G with optional 775/65R29 tires;  
A40G with optional 875/65R29 tires.

# Equipment.

## STANDARD EQUIPMENT

	A35G	A40G
<b>Safety</b>		
Anti-slip steps and platforms	•	•
Dump body lock	•	•
Handrails on steps and platforms	•	•
Hazard lights	•	•
Horn	•	•
Protective grill for cab rear window	•	•
Rear-view mirrors	•	•
Retractable 3-inch safety belt	•	•
ROPS/ FOPS protected Care Cab	•	•
Secondary steering	•	•
Steering joint lock	•	•
Windshield washers	•	•
Windshield wipers with interval function	•	•
<b>Drivetrain</b>		
6x4 and 6x6 automatically engaged drive modes	•	•
Dog clutch type 100% diff-locks in all axles	•	•
Full automatic transmission	•	•
Single stage dropbox with longitudinal diff-lock	•	•
Torque converter with automatic lock-up	•	•
<b>Engine</b>		
Direct injected, electronically controlled, turbocharged, intercooled	•	•
Grouped oil filters, for ease of change	•	•
Preheater for easier cold starts	•	•
Remote oil drain valve and hose for easy access	•	•
VEB (exhaust retarder EPG + compression brake)	•	•
<b>Electrical system</b>		
80 A alternator	•	•
Battery disconnect switch	•	•
Extra 24 V socket for lunch cooler	•	•
Lights:		
Back-up light	•	•
Brake lights	•	•
Cab lighting	•	•
Direction indicators	•	•
Headlights	•	•
Instrument lighting	•	•
Parking lights	•	•
Rear lights	•	•
<b>Brake system</b>		
Load & Dump Brake	•	•
Parking brake on propeller shaft	•	•
Two circuit, fully hydraulic brakes with enclosed, oil-cooled multiple discs on all axles	•	•

	A35G	A40G
<b>Comfort</b>		
Ashtray	•	•
Cab heater with filtered fresh air and defroster	•	•
Can holder /storage tray	•	•
Cigarette lighter	•	•
Instructor seat with seat belt	•	•
Overhead console for radio	•	•
Sliding window	•	•
Space for lunch cooler	•	•
Storage box	•	•
Sun visor	•	•
Tilt/telescopic steering wheel	•	•
Tinted glass	•	•
<b>Operator information interface</b>		
Gauges:		
Brake pressure	•	•
Fuel	•	•
Speedometer	•	•
Tachometer	•	•
Wet disc brakes cooling oil temperature	•	•
<b>Warning lights grouped and easy to read</b>		
Central warning (3 levels) for all vital functions	•	•
<b>Central positioned information display:</b>		
Automatic pre-start checks	•	•
Clock	•	•
Hour meter	•	•
Operational information, easy-to-navigate menu	•	•
Troubleshooting diagnostics	•	•
<b>Body</b>		
Body prepared for exhaust heating and optional equipment	•	•
<b>Exterior</b>		
Front mudguard wideners and rear mudflaps	•	•
<b>Tires</b>		
26.5R25	•	
29.5R25		•
<b>Service and maintenance</b>		
Drainage hose stored in the front grill	•	•
Machine Tracking Information System MATRIS	•	•
Service platform integrated in the front grill	•	•
Tool box	•	•

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.

## OPTIONAL EQUIPMENT

	A35G	A40G
<b>Safety</b>		
Fire-extinguisher and first aid kit	•	•
Warning triangle	•	•
Volvo Fire Suppression System	•	•
<b>Engine</b>		
Air pre-cleaner, cyclone type	•	•
Air pre-cleaner, heavy-duty, dry type EON	•	•
Electric engine heater (120V or 240V)	•	•
Engine automatic shutdown	•	•
External emergency engine stop	•	•
High engine idle speed	•	•
<b>Electrical system</b>		
Anti-theft system (prevents engine start)	•	•
Rear vision system, colour LCD monitor in the cab	•	•
Reverse alarm	•	•
Rotating/flashing warning beacon	•	•
Headlights, LED	•	•
Working lights, front and rear	•	•
Working lights LED, front and rear	•	•
Entrance light	•	•
<b>Cab</b>		
Air suspended, heated, fully adjustable seat	•	•
Armrest for operator seat	•	•
Cable kit for cab heater (120V or 240V)	•	•
Electrically heated and adjustable rear view mirrors	•	•
Electronic Climate Control (ECC)	•	•
Head restraint for operator seat	•	•
HEPA cab air filter	•	•
Radio installation kit, including loudspeakers	•	•
Radio with CD player	•	•
Sun blinds, side windows	•	•
Seat belt, XXL	•	•
Underground cab	•	•
<b>Body</b>		
Exhaust heating	•	•
Extra front spillguard, bolt-on	•	•
Light material extension, bolt-on kit	•	•
Overhung tailgate, wire or linkage operated	•	•
Side extensions 200 mm (8"), welded	•	•
Underhung tailgate, linkage operated	•	•
Wear plates for heavy duty applications	•	•
On Board Weighing (OBW)	•	•
<b>Tires</b>		
775/65R29	•	
875/65R29		•
<b>Service and maintenance</b>		
Automatic lubrication system	•	•
Electrical hood opening	•	•
<b>Other</b>		
Arctic oil kit	•	•
Lifting tools, wheel mounted	•	•
Synthetic hydraulic oil (biologically degradable)	•	•
CareTrack	•	•

## SELECTION OF VOLVO OPTIONAL EQUIPMENT

**Tailgate, overhung,  
wire-operated**



**Entrance light**



**Gramme seat**



**On Board Weighing  
(OBW)**



**Work lights, LED**



**Headlights, LED**



**VOLVO**

**Volvo Construction Equipment**

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