



VOLVO A40E Articulated Truck

SAFETY & SECURITY

All the equipment is installed with the following additional equipment to enhance safe and secure use.

1. High Resolution reverse camera
2. Green Light Seat Belt Warning
3. Work at Height Fall protection rails
4. On Board Load Count System
5. Unique Operator Keys
6. Anti Theft Satellite Tracking
7. On Board Diagnostic Data logging
8. Wireless Caretrack machine communications

VOLVO A40E Articulated Truck



A40E Volvo D16E AAE3*/ABE3**

Engine		
Max power at	r/s	1,800 r/min
SAE J1995 Gross	kW	350
Flywheel power at	r/s	30
ISO 9249, SAE J1349 Net	kW	346
Max torque at	r/s	20
SAE J1995 Gross	Nm	2,525
ISO 9249, SAE J1349 Net	Nm	2,493
Displacement	l	16,1

Load Capacity

Standard Body

Load capacity	kg	39,000
Body, struck	m ³	18,4
Body, heaped 2:1	m ³	24,0

With overhung tailgate

Body, struck	m ³	18,8
Body, heaped 2:1	m ³	24,7

Operating weight unloaded

Tires			29/5R25**	
	kg	lb		
Front	15,700	34,613		
Rear	14,500	31,967		
Total	30,200	66,580		
Payload	39,000	85,980		

Total weight

Tires			29/5R25**	
	kg	lb		
Front	19,650	43,321		
Rear	49,550	109,239		
Total	69,200	152,560		

Cab

Sound level in cab according to ISO 6396: 74 dB(A).
External sound level* according to ISO 6395:

72 dB(A)

* with Noise Reduction Kit

Volvo engine

Fuel efficient, environmentally friendly, powerful, 6-cylinder, V-ACT diesel engine with 4 valves per cylinder, variable geometry turbo High pressure fuel injection system (2500 bar).
High torque at low rpm. 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.



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.



Ground Pressure

29,5R25
kPa

Unloaded

Front	110
Rear	51

Loaded

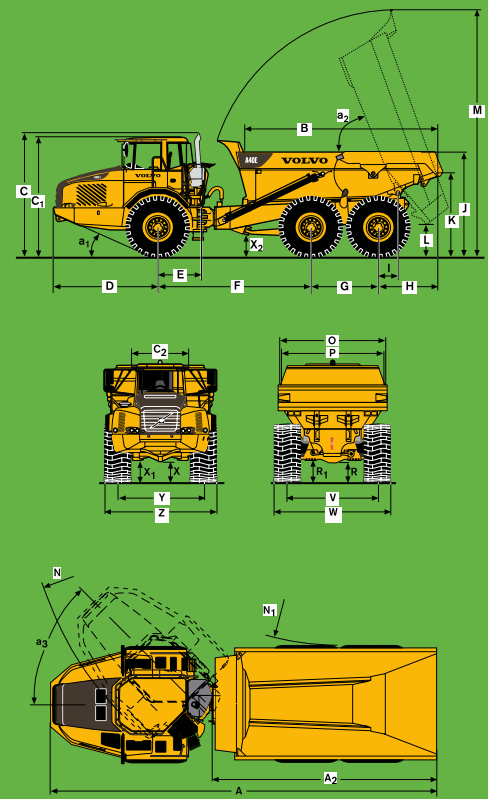
Front	138
Rear	174

Refill capacities

	A40E	
	litre	US gal
Crankcase	55	35
Fuel tank	545	380
Cooling system	100	64
Transmission	38	10
Dropbox	9	2.2
Axles, front/bogie	55	14.5
Hydraulic tank	121	32
	262	69.2

Speed

	A40E	
	km/h	
Forward	1	5.8
	2	8.4
	3	10.4
	4	14.9
	5	21.6
	6	27.3
	7	36
	8	47.6
	9	57
Reverse	1	6.5
	2	9.4
	3	18



	A40E	
Pos	mm	
A	11,265	
A ₂	6,404	
B	5,820	
C	3,768	
C ₁	3,596	
C ₂	1,769	
D	3,101	
E	1,278	
F	4,518	
G	1,940	
H	1,706	
I	495	
J	3,152	
K	2,455	
L	841	
M	7,284	
N	8,885	
N ₁	4,335	
O	3,374	
O***	3,497	
P	3,074	
R	628	
R ₁	658	
V	2,636	
V	,	
W	3,432	
W**	3,570	
X	576	
X ₁	657	
X ₂	806	
Y	2,636	
Y	,	
Z	3,432	
Z**	3,570	
a ₁	24,3°	
a ₂	72°	
a ₃	45°	

Unloaded machine with 29,5 R25

** optional 875/65R29 tires

*** with overhung tailgate

**To discuss your production or rental requirements
in more detail call our rental team on 0161 761 5109**

All data gathered from the manufacturer & accurate at time of publication. This data sheet is provided as a guide only. Please check against manufacturer data on all critical requirements.