VOLVO ARTICULATED HAULERS

SPECIAL APPLICATIONS

VOLVO

Standard vehicles for special applications

Robust, off-road, efficient and easy to drive with a low ground pressure and — last but not least - economical.

Volvo articulated haulers serve as a perfect platform for many different types of special applications – everything from industrial haulage to waste handling and forestry operations.

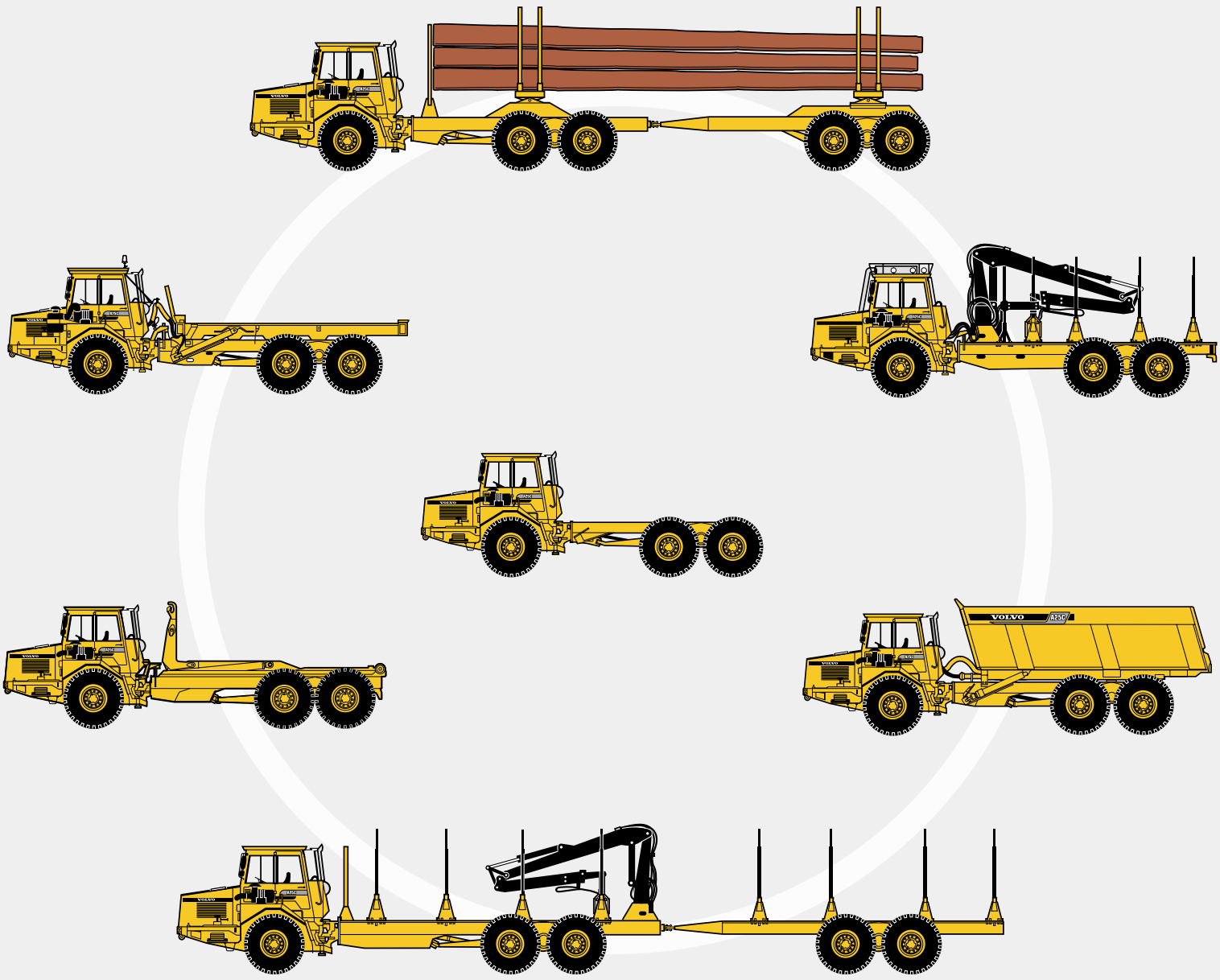
There are many advantages to starting with a standard vehicle instead of designing one specially:

– Operating economy is the same as for the standard vehicle. In Volvo's case, the best possible.

– Reliability is documented and well known. The equipment will not suffer from any unexpected running-in problems.

– Service and spare parts are available around the world through Volvo's global dealer network. This is economical and reliable.

– They are easy to operate, with an efficient operator environment. This contributes to higher productivity and greater safety.



Volvo A25C

The basic platform for most of Volvo's special vehicles is the all-wheel drive A25C – the world's most common articulated hauler. A very well-proven and effective machine with Volvo's low-emission diesel engines.

The A25C 4x4 Turn Around is adapted for work in tunnels and mines. Thanks to its turnaround wheels it can turn even in very confined tunnels. This means it is effective and safe – the operator does not have to back up long distances.

The A25C 6x6 is equipped for work in underground mines. The articulated hauler is a very efficient and an economical alternative to special equipment in most mining applications.

An A25C Trailer Carrier at Avesta Polaris steel mill in Sweden.

In Sumatra, Indonesia, an A35C Coal Hauler is used by the operator P.T.Bukit Sunur to haul coal. The body is specially built for low-density materials and holds all of 36 cubic metres.

An A30C 6x6 Hook Lift is used by Horn & Co. for Krupp (Edelstahlprofile) GmbH in Siegen, Germany. It is used primarily to haul slag, but can also be used for other types of haulage at the steel mill thanks to its interchangeable loading system.

An A25C Trailer Carrier at Sandvik Steel in Sweden. The trailer carrier is adapted for industrial haulage and can handle weights of up to 100 tonnes.

A service vehicle based on the A35C for hauling fuel, cooling agents and lubricants to large dump trucks over 130 tonnes. Thanks to its off-road performance it can reach the trucks wherever they happen to be in the huge open cast mine in Hunter Valley, New South Wales, Australia.

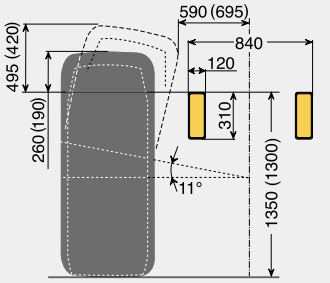
Two out of the ten A25C Container Haulers that handle waste in Hong Kong. Thanks to their low ground pressure they can move anywhere on the dump with safety.

An A25C Timber Hauler on a eucalyptus plantation in Brazil. It can handle large volumes of timber, both on the road and off-road. This makes it very flexible and cost-effective.

An A25C Hook Lift at a recycling facility in Vaasa, Finland. With the interchangeable loading system the same vehicle can be used for many different jobs.

Dimensions Volvo A25C TC 6x6 (unloaded with 23.5R25 wheels)

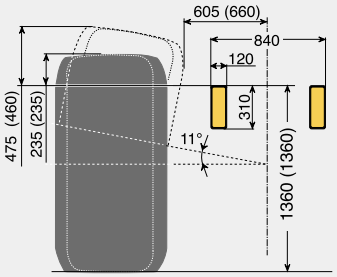
C	3285 mm	Model	A	B	B_1	F	H	N	N_1
C_1	3210 mm								
D	2415 mm	TC 42	9053	4410	0-2000	4165	600	7950	4100
E	1200 mm	TC 50	9853	5210	0-2000	4965	680	9100	4900
G	1670 mm	TC 52	10053	5410	0-2000	5165	700	9400	5100
G_2	835 mm	TC 54	10253	5610	0-2000	5365	720	9650	5300
V	2150 mm	TC 59	10753	6110	0-1550	5865	770	10350	5800
W	2795 mm								
X_2	660 mm	K	360 mm		B_1 to customer specification within area given				
a_1	26°	L	1323 mm						
a_3	45°								



A25C TC 23.5R25 (20.5R25)

Dimensions Volvo A25C TC 6x6 (unloaded with 20.5R25 wheels)

C	3225 mm	Model	A	B	B_1	F	H	N	N_1
C_1	3150 mm								
D	2415 mm	TC 42	8991	4410	0-2000	4165	600	7800	4250
E	1200 mm	TC 50	9791	5210	0-2000	4965	680	8950	5050
G	1670 mm	TC 52	9991	5410	0-2000	5165	700	9250	5250
I	835 mm	TC 54	10191	5610	0-2000	5365	720	9500	5450
V	1930 mm	TC 59	10691	6110	0-1550	5865	770	10200	5950
W	2490 mm								
X_2	660 mm	K	360 mm		B_1 to customer specification within area given				
a_1	24,5°	L	1323 mm						
a_3	45°								

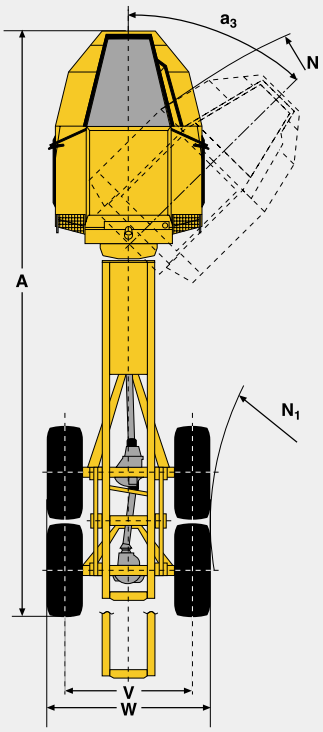


A30C TC 30/65R25 (23.5R25)

Weights for A25C TC with 23.5R25 wheels (incl. liquids and operator)

	Front	Bogie	Total	Payload
TC 42	8650 kg	5210 kg	13860 kg	26410 kg
TC 50	8710 kg	5270 kg	13980 kg	26290 kg
TC 52	8730 kg	5290 kg	14020 kg	26250 kg
TC 54	8750 kg	5310 kg	14060 kg	26210 kg
TC 59	8780 kg	5340 kg	14120 kg	26150 kg
Max. total weight:				
	11500 kg	28770 kg	40270 kg	

Payload including superstructure
With 20.5R25 wheels reduce weight by 200 kg/axle. Indicated weights are for guidance only and must be verified before production.



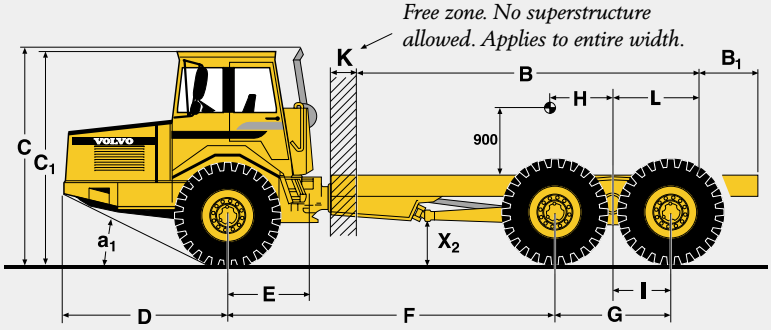
Dimensions Volvo A30C TC 6x6 (unloaded with 30/65R25 wheels)

										With 23.5R25 wheels	
C	3410 mm	Model	A	B	B_1	F	H	N	N_1	N	N_1
C_1	3260 mm										
D	2770 mm	TC 42	9408	4400	0-2000	4173	690	8075	4020	7995	4100
E	1210 mm	TC 50	10208	5200	0-2000	4973	790	9225	4820	9145	4900
G	1670 mm	TC 52	10408	5400	0-2000	5173	820	9525	5020	9445	5100
G_2	835 mm	TC 54	10608	5600	0-2000	5373	840	9775	5220	9695	5300
V	2216 mm	TC 59	11108	6100	0-1520	5873	900	10475	5720	10395	5800
W	2980 mm										
X_2	670 mm	K	400 mm		B_1 to customer specification within area given						
a_1	23°	L	1366 mm								
a_3	45°										
W	2820 mm with 23.5R25 wheels										

Weights for A30C TC with 30/65R25 wheels (incl. liquids and operator)

	Front	Bogie	Total	Payload
TC 42	11300 kg	5950 kg	17250 kg	31250 kg
TC 50	11380 kg	6030 kg	17410 kg	31090 kg
TC 52	11410 kg	6060 kg	17470 kg	31030 kg
TC 54	11440 kg	6090 kg	17530 kg	30970 kg
TC 59	11480 kg	6130 kg	17610 kg	30890 kg
Max. total weight:				
	15450 kg	33050 kg	48500 kg	

Payload including superstructure
With 23.5R25 wheels reduce weight by 200 kg/axle. Indicated weights are for guidance only and must be verified before production.



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Ref. No. 21 2 669 4127 English
Printed in Sweden 01.05 – 4.0 ART