

Volvo A30G Specifications

REFILL CAPACITIES

	A25G	A30G
Crankcase	35	35
Fuel tank	380	380
Cooling system	48	48
Brake cooling system	35	35
Transmission	41	41
Dropbox	9	9
Axles, front/bogie	30/61	31/63
Hydraulic tank	137	137
DEF/AdBlue®	39	39

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SPEED

	A25G	A30G
Forward		
1	8.3 km/h	8.3
2	11.9 km/h	11.9
3	21.1 km/h	21.1
4	30.3 km/h	30.3
5	38.4 km/h	38.4
6	52.7 km/h	52.7
Reverse		
1	7.7 km/h	7.7
2	13.7 km/h	13.7

OPERATING WEIGHT UNLOADED

	A25G	A30G
Tires	23.5R25*	750/65R25**
Front	12 800 kg	12 900
Rear	9 900 kg	10 700
Total	22 700 kg	23 600
Payload	25 000 kg	29 000

Operating weight includes all fluids and operator

*) A25G with tires 750/65R25, add 200 kg / axle

**) A30G with tires 23,5R25, decrease 200 kg / axle

TOTAL WEIGHT

	A25G	A30G
Tires	23.5R25*	750/65R25**
Front	14 950 kg	15 700
Rear	32 750 kg	36 900
Total	47 700 kg	52 600

*) A25G with tires 750/65R25, add 200 kg / axle

**) A30G with tires 23,5R25, decrease 200 kg / axle

GROUND PRESSURE

	A25G	A30G	A25G	A30G
Tires	23.5R25	750/65R25	750/65R25	23.5R25
Unloaded				
Front	130 kPa	108	108	131
Rear	49 kPa	43	42	50
Loaded				
Front	157 kPa	130	125	157
Rear	166 kPa	152	137	184

Excavator PASS MATCHING

	EC300	EC380	EC480	EC750
Number of passes				
A25G	10	6	5	3
A30G	8	8	6	4

Well matched, 4-6 buckets.

Excavator under capacity, 7 buckets or more.

Excavator undersized for optimum match.

Wheel loader PASS MATCHING

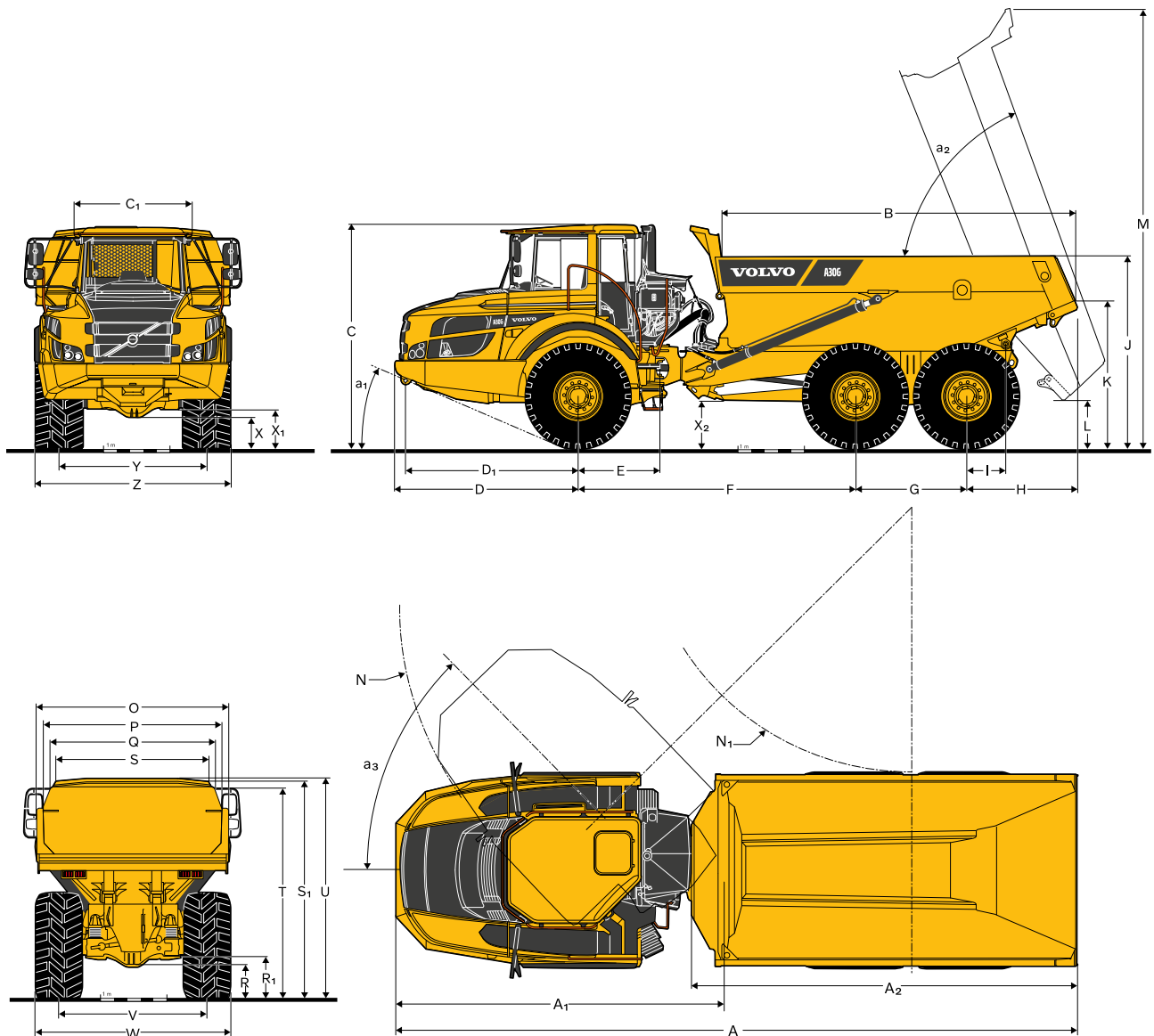
	L120	L150	L180	L220	L250
Number of passes					
A25G	4	3	3	3	2
A30G	5	4	4	3	3

Well matched, 2-3 buckets.

Loader under capacity, 4 buckets or more.

Loader undersized for optimum match, reach might be an issue.

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DIMENSIONS			
Pos	Unit	A25G	A30G
A	mm	10 218	10 296
A ₁	mm	4 954	4 954
A ₂	mm	5 736	5 811
B	mm	5 162	5 384
C	mm	3 356	3 366
C1	mm	1 772	1 772
D	mm	2 762	2 762
D ₁	mm	2 607	2 607
E	mm	1 209	1 209
F	mm	4 175	4 175
G	mm	1 670	1 670
H	mm	1 610	1 688
I	mm	609	609
J	mm	2 791	2 866
K	mm	2 103	2 183
L	mm	678	688
M	mm	6 529	6 562
N	mm	8 109	8 109
N ₁	mm	4 092	4 048
O	mm	2 776	2 976

DIMENSIONS			
Pos	Unit	A25G	A30G
P	mm	2 490	2 690
Q	mm	2 298	2 472
R	mm	519	524
R ₁	mm	633	639
S	mm	2 110	2 288
T	mm	3 094	3 196
U	mm	3 265	3 325
V	mm	2 258	2 216
W	mm	2 915	2 954
X	mm	455	466
X ₁	mm	581	592
X ₂	mm	660	680
Y	mm	2 258	2 216
Z	mm	2 915	2 954
a ₁	°	23.5	23.2
a ₂	°	74	70
a ₃	°	45	45

A25G: Unloaded machine with 23.5 R25
A30G: Unloaded machine with 750/65R25