

A QUICK LOOK AT THE BEST HAULER.



CareTrack*

CareTrack is the Volvo telematics system. It is equipped as standard on this machine and is designed to provide information to help improve productivity and efficiency.

Powerful Hydraulics and Effective Dumping

Load-sensing "closed-centre" hydraulic system, with variable displacement pumps. Easy body raising, even on steep grades. Precise dumping control ensures short cycle times and safety. Detent body lowering and adjustable tipping angle improve productivity.

Durable Frames

Heavy-duty front and rear frames, with optimized load carrying design. Developed for severe off-road operations and long service life.



Differential Locks

No slip, no wear, "dog clutch" type differential locks provide 100% locking capability. "Dog clutch" longitudinal differential lock in drop box.

Maintenance-Free Rear Suspension

Straddle mounted bogie beams reduce the strain on the frame. 3-point axle mounting allows individual wheel movement and long suspension travel, keeping the body level, even when operating in very rough terrain.

Heavy Duty Body

Durable body made from high strength HB400 steel. Body design, high dump clearance and tipping angle promote excellent material ejection.



Volvo Care Cab

Quiet, spacious, comfortable, with excellent visibility and ergonomically positioned controls for safe, productive operation. Meets ROPS / FOPS safety standards.

Unique Load & Dump Brake

Easy to operate: a single button press applies the service brakes and shifts the transmission to neutral, reducing operator fatigue, enhancing productivity and safety.

Efficient Cooling

Two hydraulically driven variable speeds cooling fans consume engine power only when needed, lowering fuel consumption and noise. Side-mounting simplifies service and maximizes uptime.



Easy Service Access

90 degree tilting hood and swing down front grill with integrated steps, acts as a service platform. All grease points and remote mounted drains are accessible from ground level or non-slip platforms. No daily or weekly greasing.

Gas-Hydraulic Front Suspension

Soft and progressive 3-point axle suspension shortens cycle time and increases productivity. Featuring operator comfort and reducing fatigue, it improves overall efficiency.



Articulated Steering

Unique, hydro-mechanical, self-compensating system. High steering force, accurate steering, directional stability for productive and safe operation.



Powerful Brakes and Retardation

Fully hydraulic brake system with dry discs on all wheels ensures high braking performance and durability. Easy to operate, powerful retardation system, using the hydraulic retarder built into the transmission and VEB, provides low operating costs.



Fuel Efficiency

Environmentally-friendly, electronically controlled, powerful diesel engine. High torque at low rpm, well matched drivetrain and ATC reduce fuel consumption.

Maintenance-Free Hitch

Rotating hitch with permanently greased tapered roller bearings eliminates frame twist, providing better off-road mobility. High placement ensures excellent ground clearance and stability.

* In markets where CareTrack is available

SPECIFICATIONS.

Fill capacities		
	A25F	A30F
Crankcase	38,0 litre	38,0 litre
Fuel tank	400,0 litre	400,0 litre
Cooling system	95,0 litre	95,0 litre
Transmission, total	48,0 litre	48,0 litre
Dropbox	9,2 litre	9,2 litre
Axles, front/bogie	32,0/68,0 litre	38,0/78,0 litre
Hydraulic tank	175,0 litre	175,0 litre

Speed		
	A25F	A30F
Forward		
1	8 km/h	8 km/h
2	12 km/h	12 km/h
3	21 km/h	21 km/h
4	30 km/h	30 km/h
5	38 km/h	38 km/h
6	53 km/h	53 km/h
Reverse		
1	8 km/h	8 km/h
2	13 km/h	13 km/h

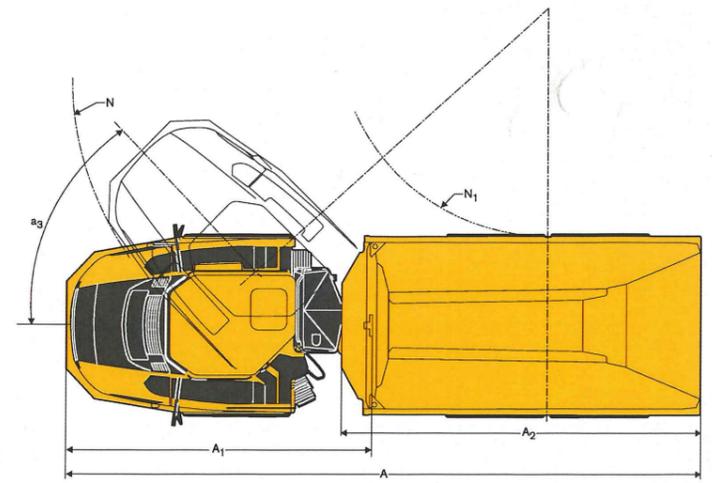
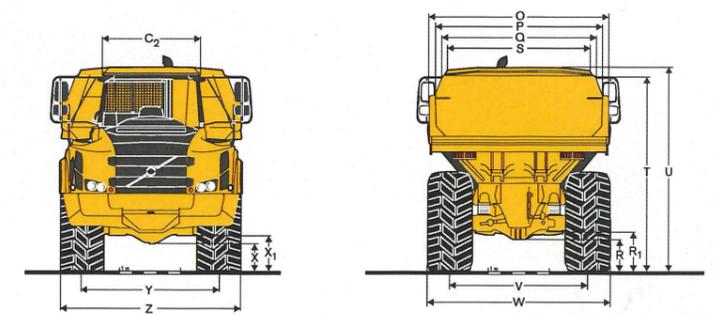
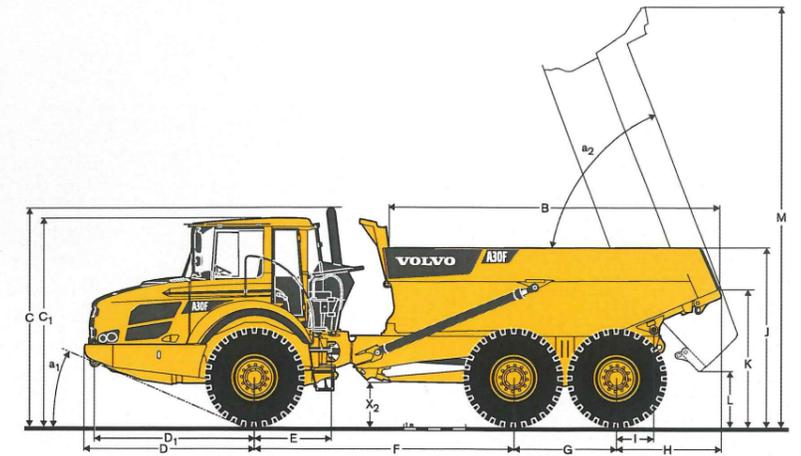
Operating weight unloaded		
	A25F	A30F
Tires		
	23,5R25*	750/65R25**
Front	12 550 kg	12 850 kg
Rear	9 350 kg	10 350 kg
Total	21 900 kg	23 200 kg
Payload	24 000 kg	28 000 kg

Total weight		
	A25F	A30F
Tires		
	23,5R25*	750/65R25**
Front	14 550 kg	15 350 kg
Rear	31 350 kg	35 850 kg
Total	45 900 kg	51 200 kg

Operating weight includes all fluids and operator
 *) A25F with tires 750/65R25, add 200 kg/axle ***) A30F with tires 23,5R25, decrease 200 kg/axle

Ground Pressure				
	A25F		A30F	
Tires	23,5R25	750/65R25	750/65R25	23,5R25
Unloaded				
Front	128 kPa	108 kPa	109 kPa	129 kPa
Rear	48 kPa	41 kPa	44 kPa	51 kPa
Loaded				
Front	148 kPa	125 kPa	130 kPa	154 kPa
Rear	160 kPa	134 kPa	152 kPa	181 kPa

	A25F	A30F
Pos	mm	
A	10 218	10 296
A ₁	4 954	4 954
A ₂	5 736	5 811
B	5 153	5 342
C	3 451	3 451
C ₁	3 318	3 318
C ₂	1 772	1 772
D	2 763	2 762
D ₁	2 606	2 607
E	1 209	1 209
F	4 175	4 175
G	1 670	1 670
H	1 610	1 688
I	609	608
J	2 760	2 834
K	2 103	2 181
L	677	686
M	6 529	6 560
N	8 091	8 092
N ₁	4 065	4 023
O	2 700	2 900
O**	2 900	3 099
P	2 490	2 690
Q	2 298	2 472
R	513	514
R ₁	629	630
S	2 110	2 293
T	3 083	3 158
U	3 249	3 301
V	2 258	2 216
V*	2 216	2 258
W	2 859	2 941
W*	2 941	2 859
X	458	456
X ₁	586	585
X ₂	659	659
Y	2 258	2 216
Y*	2 216	2 258
Z	2 859	2 941
Z*	2 941	2 859
a ₁	23,5°	23,2°
a ₂	74°	70°
a ₃	45°	45°



A25F: Unloaded machine with 23,5 R25
 A30F: Unloaded machine with 750/65R25
 *) A25F with optional 750/65R25 tires;
 A30F with optional 23,5 R25 tires.
 **) with overhung tailgate.

EQUIPMENT.

STANDARD EQUIPMENT

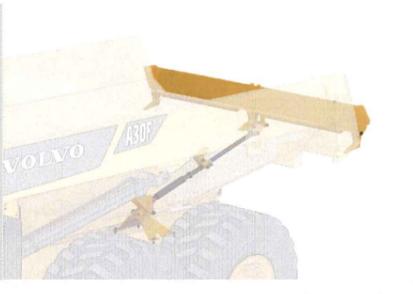
	A25F	A30F
Safety		
Anti-slip steps and platforms	•	•
Dump body lock	•	•
Handrails on steps and platforms	•	•
Hazard lights	•	•
Horn	•	•
Protective grill for cab rear window	•	•
Rear-view mirrors	•	•
Retractable 3-inch safety belt	•	•
ROPS/ FOPS protected Care Cab	•	•
Secondary steering	•	•
Steering joint lock	•	•
Windshield washers	•	•
Windshield wipers with interval function	•	•
Drivetrain		
6x4 and 6x6 automatically engaged drive modes	•	•
"Dog clutch" type 100% diff-locks in all axles	•	•
Full automatic transmission	•	•
Hydraulic variable retarder	•	•
Single stage dropbox with longitudinal diff-lock	•	•
Torque converter with automatic lock-up	•	•
Engine		
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)	•	•
Electrical system		
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	•	•
Brake system		
Load & Dump Brake	•	•
Parking brake on propeller shaft	•	•
Two circuit, fully hydraulic, dry discs on all axles	•	•

	A25F	A30F
Comfort		
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	•	•
Operator information interface		
Gauges:		
• Brake pressure	•	•
• Fuel	•	•
• Hydraulic retarder oil temperature	•	•
• Speedometer	•	•
• Tachometer	•	•
Warning lights grouped and easy to read		
Central warning (3 levels) for all vital functions	•	•
Central positioned information display:		
• Automatic pre-start checks	•	•
• Clock	•	•
• Hour meter	•	•
• Operational information, easy-to-navigate menu	•	•
• Troubleshooting diagnostics	•	•
Body		
Body prepared for exhaust heating and optional equipment	•	•
Exterior		
Front mudguard wideners and rear mudflaps	•	•
Tires		
23.5R25	•	
750/65R25		•
Service and maintenance		
CareTrack telematics system	•	•
Drainage hose stored in the front grill	•	•
Machine Tracking Information System MATRIS	•	•
Service platform integrated in the front grill	•	•
Tool box	•	•

OPTIONAL EQUIPMENT

	A25F	A30F
Safety		
Fire-extinguisher and first aid kit	•	•
Warning triangle	•	•
Engine		
Air pre-cleaner, cyclone type	•	•
Air pre-cleaner, heavy-duty, dry type EON	•	•
Air pre-cleaner, oil bath type	•	•
Diesel engine heater, Eberspächer	•	•
Electric engine heater (120V or 240V)	•	•
Engine automatic shutdown	•	•
Engine shutdown timer	•	•
External emergency engine stop	•	•
High engine idle speed	•	•
Electrical system		
Anti-theft system (prevents engine start)	•	•
Rear vision system, colour LCD monitor in the cab	•	•
Reverse alarm	•	•
Rotating warning beacon, collapsible mount	•	•
Working lights, front-facing, roof mounted	•	•
Working lights, rear-facing, fender-mounted	•	•
Cab		
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	•	•
Body		
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	•	•
Tires		
750/65R25	•	
23.5R25		•
Service and maintenance		
Automatic lubrication system	•	•
Electrical hood opening	•	•
Tool kit with tire inflation unit	•	•
Other		
Arctic kit	•	•
Brake guards	•	•
Lifting tools, wheel mounted	•	•
Synthetic hydraulic oil (biologically degradable)	•	•
Towing hitch	•	•

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Underhung tailgate, linkage operated	
Exhaust body heating	
Low profile tires	
Rear vision system, colour LCD monitor	
Front facing working lights, roof mounted	
External emergency engine stop	