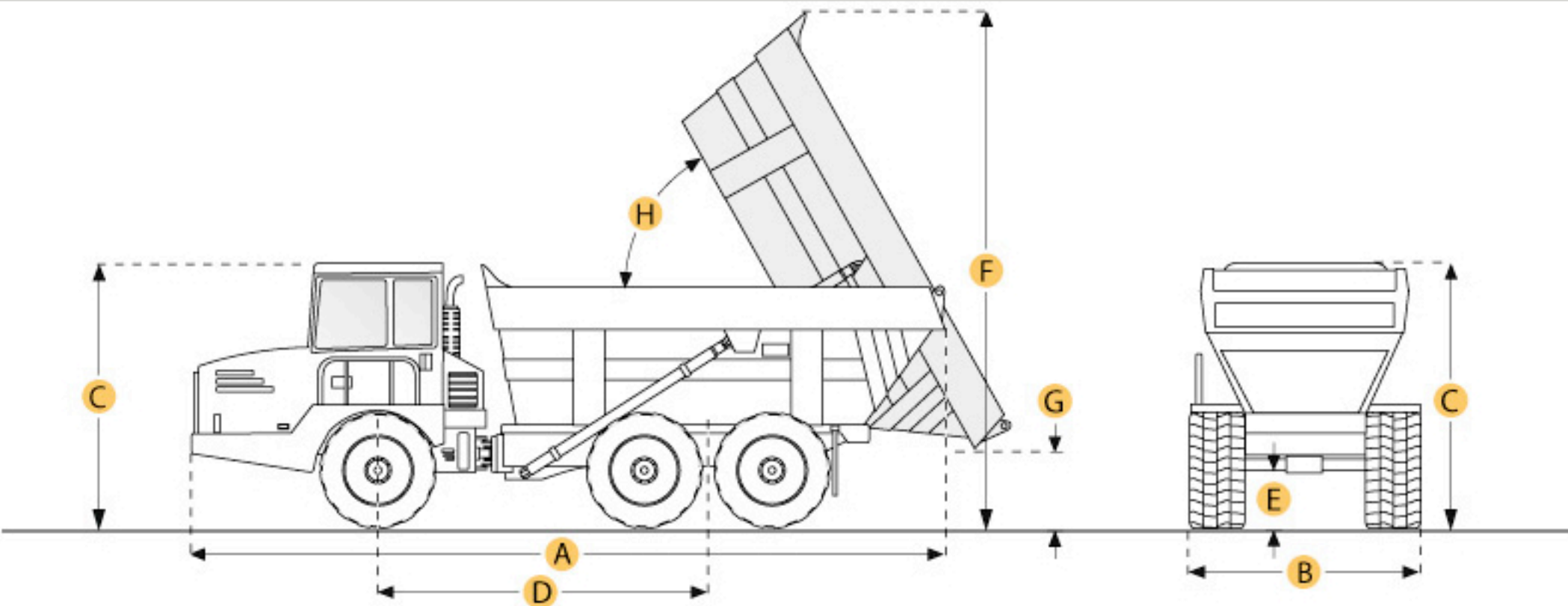


VOLVO A35D ARTICULATED DUMP TRUCK



Selected Dimensions

Dimensions		
A. OVERALL LENGTH	36.7 ft in	11178 mm
B. OVERALL WIDTH	10.2 ft in	3103 mm
C. OVERALL HEIGHT	12.1 ft in	3681 mm
D. WHEELBASE	14.8 ft in	4501 mm
E. GROUND CLEARANCE	1.9 ft in	572 mm
F. DUMP HEIGHT	23.8 ft in	7242 mm
G. DUMP GROUND CLEARANCE	3 ft in	915 mm

Dump	
H. DUMP ANGLE	70 degrees

Specification

Engine		
MAKE	Volvo	
MODEL	D12C ABE2*	
GROSS POWER	393 hp	293.1 kw
NET POWER	388 hp	289.3 kw
DISPLACEMENT	732.3 cu in	12 L
MAX TORQUE	1412.4 lb ft	1915 Nm
ASPIRATION	Turbocharged	

Operational		
FUEL CAPACITY	126.8 gal	480 L
HYDRAULIC SYSTEM FLUID CAPACITY	66 gal	250 L
COOLING SYSTEM FLUID CAPACITY	30.9 gal	117 L
ENGINE OIL CAPACITY	13.2 gal	50 L
TRANSMISSION FLUID CAPACITY	12.8 gal	48.5 L
OPERATING VOLTAGE	24 V	
ALTERNATOR SUPPLIED AMPERAGE	55 amps	
TIRE SIZE	26.5 R 25*	

Transmission		
TYPE	Fully Automatic	
NUMBER OF FORWARD GEARS	6	
NUMBER OF REVERSE GEARS	2	
MAX SPEED	34.8 mph	56 km/h

Weights		
FRONT AXLE - EMPTY	33774.8 lb	15320 kg
REAR AXLE - EMPTY	28616 lb	12980 kg
FRONT AXLE - LOADED	39176.1 lb	17770 kg
REAR AXLE - LOADED	94864.9 lb	43030 kg
TOTAL EMPTY	62390.8 lb	28300 kg
TOTAL LOADED	134041 lb	60800 kg

Dump		
RATED PAYLOAD	71650.2 lb	32500 kg
CAPACITY - STRUCK	19.9 yd3	15.2 m3
CAPACITY - HEAPED	26.2 yd3	20 m3
DUMP ANGLE	70 degrees	
LOWER TIME	10 sec	

Dimensions		
OVERALL LENGTH	36.7 ft in	11178 mm
OVERALL WIDTH	10.2 ft in	3103 mm
OVERALL HEIGHT	12.1 ft in	3681 mm
WHEELBASE	14.8 ft in	4501 mm
GROUND CLEARANCE	1.9 ft in	572 mm
DUMP HEIGHT	23.8 ft in	7242 mm
DUMP GROUND CLEARANCE	3 ft in	915 mm

