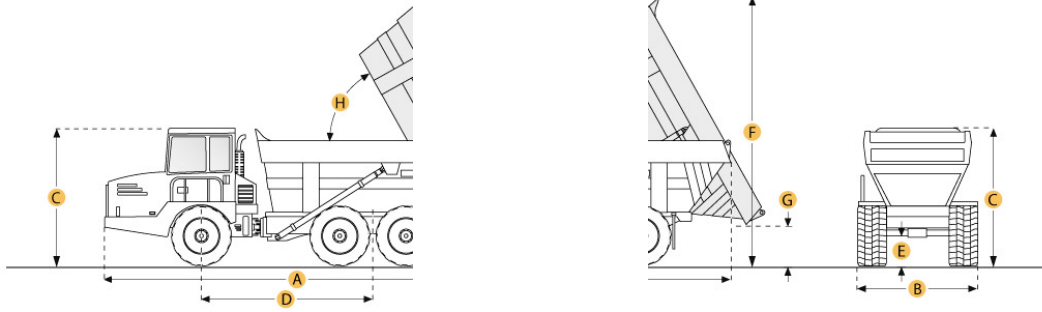
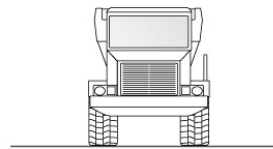


# RITCHIE Specs *Everything about Equipment*

## TEREX TA27 ARTICULATED DUMP TRUCK



Dimensions		
A. OVERALL LENGTH	32.2 ft in	9800 mm
B. OVERALL WIDTH	7.2 ft in	2200 mm
C. OVERALL HEIGHT	11.8 ft in	3600 mm
D. WHEELBASE	16.6 ft in	5050 mm
E. GROUND CLEARANCE	1.3 ft in	405 mm
F. DUMP HEIGHT	19.7 ft in	6000 mm
G. DUMP GROUND CLEARANCE	2.4 ft in	725 mm
Dump		
H. DUMP ANGLE	65 degrees	



# RITCHIE Specs Everything about Equipment

## TEREX TA27 ARTICULATED DUMP TRUCK

### Specification

<b>Engine</b>		
MAKE	Cummins	
MODEL	QSM 11	
GROSS POWER	365 hp	272.2 kw
NET POWER	335 hp	249.8 kw
POWER MEASURED @	2100 rpm	
DISPLACEMENT	660 cu in	10.8 L
TORQUE MEASURED @	1400 rpm	
MAX TORQUE	1234 lb ft	1673.1 Nm
ASPIRATION	turbocharged	
NUMBER OF CYLINDERS	6	
<b>Operational</b>		
FUEL CAPACITY	103 gal	390 L
HYDRAULIC SYSTEM FLUID CAPACITY	53.4 gal	202 L
COOLING SYSTEM FLUID CAPACITY	14.5 gal	55 L
ENGINE OIL CAPACITY	5.8 gal	21.9 L
TRANSMISSION FLUID CAPACITY	16.6 gal	63 L
OPERATING VOLTAGE	24 V	
ALTERNATOR SUPPLIED AMPERAGE	70 amps	
TIRE SIZE	23.5R25	
<b>Transmission</b>		
TYPE	ZF 6WG 260 RPC fully automatic	
NUMBER OF FORWARD GEARS	6	
NUMBER OF REVERSE GEARS	3	
MAX SPEED	31.3 mph	50.4 km/h
<b>Weights</b>		
FRONT AXLE - EMPTY	25240 lb	11448.7 kg
CENTER AXLE - EMPTY	11400 lb	5171 kg
REAR AXLE - EMPTY	11640 lb	5279.8 kg
FRONT AXLE - LOADED	34435 lb	15619.5 kg
CENTER AXLE - LOADED	34325 lb	15569.6 kg
REAR AXLE - LOADED	34635 lb	15710.2 kg
TOTAL EMPTY	48280 lb	21899.4 kg
TOTAL LOADED	103395 lb	46899.2 kg
<b>Dump</b>		
RATED PAYLOAD	55115 lb	24999.7 kg
CAPACITY - STRUCK	16.3 yd <sup>3</sup>	12.5 m <sup>3</sup>
CAPACITY - HEAPED	20.3 yd <sup>3</sup>	15.5 m <sup>3</sup>
DUMP ANGLE	65 degrees	
RAISE TIME	12 sec	
LOWER TIME	7.5 sec	
<b>Dimensions</b>		
OVERALL LENGTH	32.2 ft in	9800 mm
OVERALL WIDTH	7.2 ft in	2200 mm
OVERALL HEIGHT	11.8 ft in	3600 mm
WHEELBASE	16.6 ft in	5050 mm
GROUND CLEARANCE	1.3 ft in	405 mm
DUMP HEIGHT	19.7 ft in	6000 mm
DUMP GROUND CLEARANCE	2.4 ft in	725 mm

