

ARTICULATED DUMP TRUCKS



WORKS FOR YOU.™

TOUGH, QUICK, RELIABLE, POWERFUL. THE CHOICE IS SIMPLE.

Experience our new Terex® articulated trucks range.

Introducing the new range of four articulated trucks ranging from 27 tonnes to 40 tonnes. With our TA250, TA300, TA350 and TA400, we've got the right product for every application.

At home on sites ranging from sand and gravel quarries to coal mines and road construction projects, Terex® articulated trucks are designed to keep your productivity levels high, fuel consumption low and cycle times short.

Rigorous testing confirms that we've developed the ultimate articulated trucks with the ability to work in the toughest conditions, powerfully and reliably.

Read all about our powerful and productive trucks then drive one for yourself and see what our trucks can do for you.





MINIMUM DOWNTIME.

Terex® articulated trucks are designed to keep you moving and downtime to a minimum in the toughest of conditions.

The oil cooled disc brake system in our trucks has a fully enclosed design which allows for longer service intervals, keeping operating costs low and productivity high.

Downtime is reduced further by the ground level service access points*, electronically assisted hood raise** and fully tilting cab, making service time as quick and easy as possible.

*TA250 and TA300, **TA350 and TA400.







STEP INTO OUR STATE-OF-THE-ART CAB.

Experience a new standard of operator comfort.

All instruments and controls are optimally positioned to assist with driveability and functionality. Designed with the operator in mind, Terex® articulated trucks offer total comfort and control for the ultimate behind-the-wheel experience.

A host of new features include

- ▶ Reduced interior cab noise levels for an improved operator working environment
- ▶ New control positions and steering wheel for ease of operation
- ▶ Updated interior aesthetics
- ▶ Improved air conditioning for better temperature control
- ▶ Higher quality sound system

TEREX® TA250 AND TA300

SMOOTH OPERATOR.

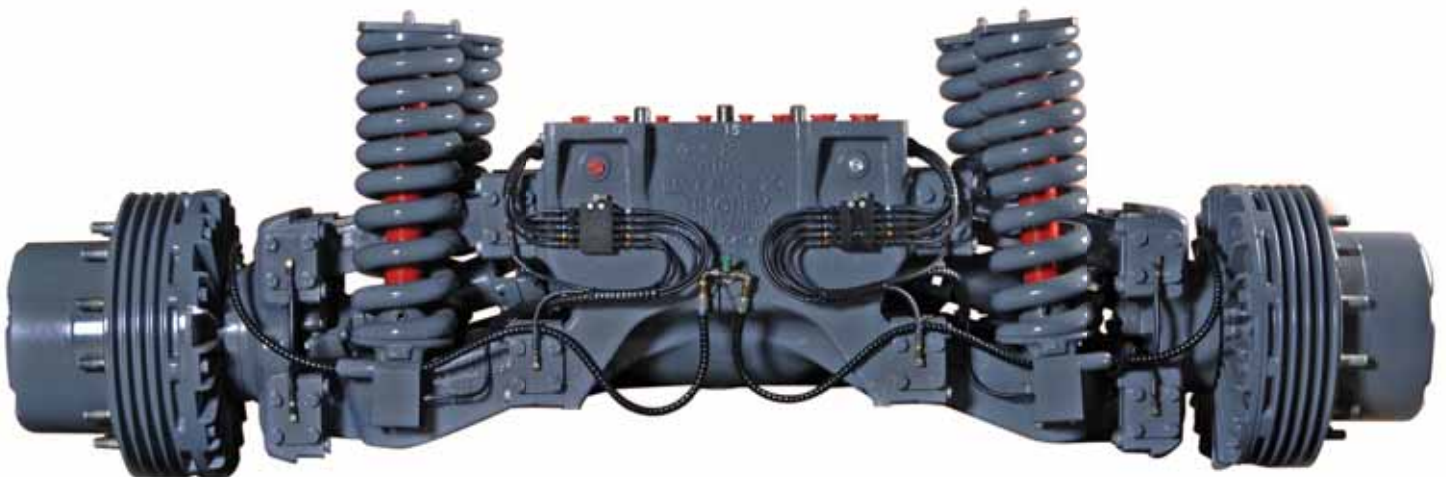
Don't let the rough terrain slow you down; let Terex® take the strain.

With fully independent front suspension as standard, the Terex® TA300 leads the way when it comes to total operator comfort and ride quality.

This innovative design not only greatly reduces operator fatigue but improves productivity and

stability enabling this size of machine to excel in rough terrain environments.

The TA250 and TA300 are great performers in all applications. Equipped with a world wide high capacity cooling system, these proven performers can operate in all conditions from arctic to desert work environments.







TEREX® TA250 AND TA300

TA250

Maximum Payload
Heaped Capacity
Gross Power

25 tonne (27.5 US ton)
15.5 m³ (20.3yd³)
272kW (365 hp)

TA300

Maximum Payload
Heaped Capacity
Gross Power

28 tonne (30.9 US ton)
17.5 m³ (22.9yd³)
287kW (385 hp)

Countershaft Transmission

Customer Benefit

- ▶ High productivity and performance
- ▶ Reduced operator fatigue

Features

- ▶ Fully automatic or manual with smooth unsurpassed gearshifts
- ▶ Heavy duty components for long service life and reliability

Low Emissions Engine

Customer Benefit

- ▶ Lower operating costs
- ▶ Better fuel efficiency

Features

- ▶ Power and torque curves specifically designed for hauler applications
- ▶ Conforms to all EU, EPA and CARB regulations

Fully Independent Front Suspension*

Customer Benefit

- ▶ Increased productivity
- ▶ Reduced operator fatigue

Features

- ▶ Low body vibration levels
- ▶ Class leading ride and comfort

Worldwide High Capacity Cooling

Customer Benefit

- ▶ Lower operating costs
- ▶ Better fuel efficiency

Features

- ▶ Operates from Arctic to Desert conditions

- ▶ Reduced power consumption

Bogie Beam Rear Suspension

Customer Benefit

- ▶ Increased productivity
- ▶ Reduced operator fatigue

Features

- ▶ Allows independent wheel movement for smooth ride
- ▶ 100% maintenance free system

Load Sense Hydraulics

Customer Benefit

- ▶ Lower operating costs
- ▶ Increased Productivity

Features

- ▶ Variable displacement piston pump consumes power only when required
- ▶ Reduced power loss, fuel consumption and heat generation

Retardation System

Customer Benefit

- ▶ Increased productivity
- ▶ Reduced operator fatigue

Features

- ▶ 2 stage automatic or manual Engine Brake
- ▶ Safe downhill hauls without use of service brakes

*TA300 only.

TEREX® TA350 AND TA400

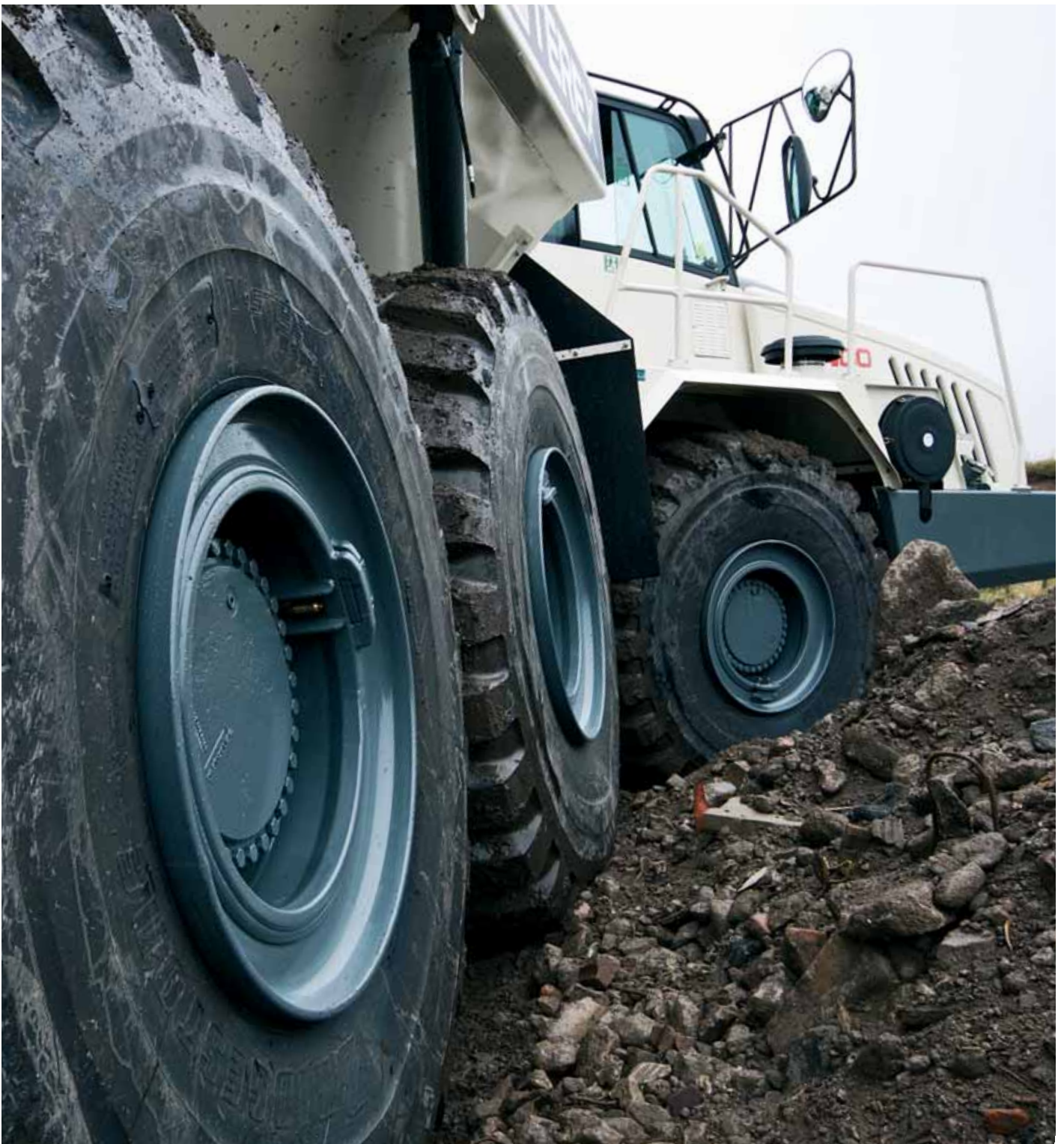
RELIABLE AND DURABLE.

The new Terex® TA350 and TA400 articulated trucks offers powerful performance in the 35 and 40 tonne markets.

The combination of high torque, high horsepower, high capacity and highest top speed place the TA350 and the TA400 among the class leaders in productivity.

Both trucks offer all of the standard features and benefits that customers have come to expect from the Terex brand. Standard features include a Tier 3 compliant fuel efficient diesel engine, maximum rim pull and gradeability for negotiating inclines, as well as large capacity bodies with low load height to maximize load size and retention.







TEREX® TA350 AND TA400

TA350

**Maximum Payload
Heaped Capacity
Gross Power**

**34 tonne (37.59 US ton)
21.0 m³ (27.5yd³)
298kW (400 hp)**

TA400

**Maximum Payload
Heaped Capacity
Gross Power**

**38 tonne (41.9 US ton)
23.3m³ (30.3yd³)
336kW (450 hp)**

Planetary Transmission

Customer Benefit

- ▶ High productivity and performance
- ▶ Reduced operator fatigue

Features

- ▶ Fully automatic or manual with smooth unsurpassed gearshifts
- ▶ Heavy duty components for long service life and reliability

Diesel Low Emissions Engine

Customer Benefit

- ▶ Lower operating costs
- ▶ Better fuel efficiency

Features

- ▶ Power and torque curves specifically designed for hauler applications
- ▶ Conforms to all EU, EPA and CARB regulations

Efficient Body Design

Customer Benefit

- ▶ Increased productivity
- ▶ Machine stability and safety

Features

- ▶ Large capacity body with low load height
- ▶ Twin angle tail chute for efficient load retention and ejection

Retardation System

Customer Benefit

- ▶ Increased productivity
- ▶ Reduced operator fatigue

Features

- ▶ 3 stage selectable Engine Brake and 6 stage selectable output transmission retarder
- ▶ Safe downhill hauls without use of service brakes

Bogie Beam Rear Suspension

Customer Benefit

- ▶ Increased productivity
- ▶ Reduced operator fatigue

Features

- ▶ Allows independent wheel movement for smooth ride
- ▶ 100% maintenance free system

Dropbox

Customer Benefit

- ▶ High productivity and performance
- ▶ Greater operator control

Features

- ▶ 2 ratios available (high/low)
- ▶ Optimised rim pull and speeds for all conditions

SPECIFICATIONS

TA250

ENGINE

Engine	Cummins QSM11		
Type	6 cylinder, in line, four cycle, direct injection diesel, water cooled, turbo charged with air to air charge cooling		
Piston Displacement	litres (in ³)	10.8 (660)	
Bore x Stroke	mm (in)	125 x 147 (4.92 x 5.97)	
Gross Power	kW (hp) @ rpm	272 (365) @ 1800	
Net Power	kW (hp)	238 (319) @ 2100	
Maximum Torque	Nm (lbf ft)	1 673 (1 234) @ 1400	
Gross Power rated	SAE J1995 Jun 90		
Engine Emissions	Meets USA EPA Tier 3/CARB MOH 40 CFR 89 Tier 3 and proposed EUNRMM (non-road mobile machinery directive) stage 3		
Electrical	24 volt electric start. 70A alternator. Two 12 volt 175 Ah batteries		
Air Cleaner	Dry-type air cleaner with safety element, automatic dust ejector and restriction indicator		
Fan	Modulating fan reduces noise level and consumes engine power as required. Note: Net hp with fan clutch disengaged		
Altitude (Electronic derate from)	m (ft)	3 048 (10 000)	

TRANSMISSION

Type	ZF 6WG 260 RPC. Fully automatic with manual over-ride.		
Assembly	Consists of a torque converter close-coupled to a countershaft type gearbox with integral output transfer gearing. Automatic shifting throughout the range, with kick-down feature. Lockup in all forward gears. A torque-proportioning output differential transmits drive permanently to front and rear axles. This differential may be locked by the driver for use in difficult traction conditions.		

Speeds	km/h (mph)		
	Gear	Forward	Reverse
	1	5.5 (3.4)	5.5 (3.4)
	2	8.6 (5.4)	13.4 (8.4)
	3	13.4 (8.4)	30.7 (19.0)
	4	20.8 (12.9)	-
	5	30.7 (19.0)	-
	6	50.4 (31.3)	-

AXLES

Type	Heavy duty axles with fully floating axle shafts and outboard planetary reduction gearing. The three axles are in permanent all-wheel drive (6x6) with a differential coupling between the front and rear axles. All three axles also have hydraulically actuated multiplate transverse diff-lock differentials for 100% cross-axle lock up. The inter-axle and cross-axle diff locks are controlled by the operator, and can be actuated when required in poor traction conditions		
Differential ratio	3.875 : 1		
Planetary reduction	5.71 : 1		
Overall Drivetrain reduction	22.12 : 1		

TA300

TA350

TA400

Cummins QSM11	Detroit Diesel Series 60	Detroit Diesel Series 60
6 cylinder, in-line, four cycle, water cooled, turbocharged with air to air charge cooling, direct injection, electronic engine management	6 cylinder, in-line, four cycle, water cooled, turbocharged with air to air charge cooling, direct injection, electronic engine management	6 cylinder, in-line, four cycle, water cooled, turbocharged with air to air charge cooling, direct injection, electronic engine management
10.8 (660)	14 (855)	14 (855)
125 x 147 (4.92 x 5.97)	133 x 168 (5.24 x 6.61)	133 x 168 (5.24 x 6.61)
287 (385) @ 1800	298 (400) @ 2100	336 (450) @ 2100
248 (333) @ 2100	289 (388) @ 2100	326 (437) @ 2100
1 775 (1 309) @ 1400	2 000 (1 475) @ 1 200	2 100 (1 548) @ 1350
SAE J1995 Jun 90	SAE J1995 Jun 90	SAE J1995 Jun 90
Meets USA EPA Tier 3/CARB MOH 40 CFR 89 Tier 3 and proposed EUNRMM (non-road mobile machinery directive) stage 3	Meets USA EPA Tier 3/CARB MOH 40 CFR 89 Tier 3 and proposed EUNRMM (non-road mobile machinery directive) stage 3	Meets USA EPA Tier 3/CARB MOH 40 CFR 89 Tier 3 and proposed EUNRMM (non-road mobile machinery directive) stage 3
24 volt electric start. 70A alternator. Two 12 volt 175 Ah batteries	24 volt electric start. 100A alternator. Two 12 volt 175 Ah batteries	24 volt electric start. 100A alternator. Two 12 volt 175 Ah batteries
Dry-type air cleaner with safety element, automatic dust ejector and restriction indicator	Dry-type air cleaner with safety element, automatic dust ejector and restriction indicator	Dry-type air cleaner with safety element, automatic dust ejector and restriction indicator
Modulating fan reduces noise level and consumes engine power as required. Note: Net hp with fan clutch disengaged	Modulating fan reduces noise level and consumes engine power as required. Note: Net hp with fan clutch disengaged	Modulating fan reduces noise level and consumes engine power as required. Note: Net hp with fan clutch disengaged
3 048 (10 000)	3 048 (10 000)	3 048 (10 000)

ZF 6WG 310 RPC. Fully automatic with manual over-ride.	Allison HD4560 with integral retarder mounted directly to the engine, fully automatic transmission with planetary gearing, electronic control with six forward and one reverse gear.	Allison HD4560 with integral retarder mounted directly to the engine, fully automatic transmission with planetary gearing, electronic control with six forward and one reverse gear.
Consists of a torque converter close-coupled to a countershaft type gearbox with integral output transfer gearing. Automatic shifting throughout the range, with kick-down feature. Lockup in all forward gears. A torque-proportioning output differential transmits drive permanently to front and rear axles. This differential may be locked by the driver for use in difficult traction conditions.	Remote mounted 2 speed transfer gearbox taking drive from the transmission and feeding it via a lockable differential to front and rear wheels	Remote mounted 2 speed transfer gearbox taking drive from the transmission and feeding it via a lockable differential to front and rear wheels

		Ratio 1		Ratio 2		Ratio 1		Ratio 2	
Forward	Reverse	Forward	Reverse	Forward	Reverse	Forward	Reverse	Forward	Reverse
5.5 (3.4)	5.5 (3.4)	5.2 (3.2)	4.6 (2.9)	7.9 (4.9)	7.0 (4.3)	5.5 (3.4)	4.8 (3.0)	8.4 (5.2)	7.4 (4.6)
8.6 (5.4)	13.4 (8.4)	7.3 (11.7)	-	16.8 (10.4)	-	11.7 (7.3)	-	17.8 (11.0)	-
13.4 (8.4)	30.7 (19.0)	15.9 (9.9)	-	24.3 (15.1)	-	16.9 (10.5)	-	25.8 (16.0)	-
20.8 (12.9)	-	24.3 (15.1)	-	37.1 (23.1)	-	25.8 (16.0)	-	39.5 (24.5)	-
30.7 (19.0)	-	31.0 (19.3)	-	47.7 (29.6)	-	33.0 (20.5)	-	50.4 (31.3)	-
50.4 (31.3)	-	35.2 (21.9)	-	53.9 (33.5)	-	37.5 (23.3)	-	60.0 (37.3)	-

Heavy duty axles with fully floating axle shafts and outboard planetary reduction gearing. The three axles are in permanent all-wheel drive (6x6) with a differential coupling between the front and rear axles. All three axles also have hydraulically actuated multiplate transverse diff-lock differentials for 100% cross-axle lock up. The inter-axle and cross-axle diff locks are controlled by the operator, and can be actuated when required in poor traction conditions.	Three axles in permanent all-wheel drive (6x6) with differential coupling between each axle to prevent driveline wind-up. Heavy duty axles with full floating axle shafts and outboard planetary reduction gearing. Automatic limited slip differentials in each axle. Leading rear axle incorporates a through drive differential to transmit drive to the rearmost axle. This differential and the dropbox output differential are locked simultaneously using one switch selected by the operator.	Three axles in permanent all-wheel drive (6x6) with differential coupling between each axle to prevent driveline wind-up. Heavy duty axles with full floating axle shafts and outboard planetary reduction gearing. Automatic limited slip differentials in each axle. Leading rear axle incorporates a through drive differential to transmit drive to the rearmost axle. This differential and the dropbox output differential are locked simultaneously using one switch selected by the operator.
3.875 : 1	3.70 : 1	3.70 : 1
5.71 : 1	6.35 : 1	6.35 : 1
22.12 : 1	23.50 : 1	23.50 : 1

SPECIFICATIONS

TA250

SUSPENSION

Front	Axle is carried on the leading arms of a sub-frame which pivots on the main frame.
Rear	Each axle is coupled to the frame by three rubber-bushed links with lateral restraint by a transverse link. Pivoting inter-axle balance beams equalise load on each rear axle. Suspension movement is cushioned by rubber/metal laminated compression units between each axle and underside of balance beam ends. Pivot points on leading and trailing links are rubber-bushed and maintenance-free.

STEERING

Type	Hydrostatic power steering by two double-acting cushioned steering cylinders with pressure supplied by a variable displacement / load sensing piston pump. An audible alarm and warning light indicates should the second system activate.	
Steering angle to either side	45°	
Lock to lock turns, steering wheel	4	
System pressure	bar (lbf/in ²)	241 (3 500)
SAE Turning Radius	mm (ft/ins)	8 470 (27-9)
Clearing Radius	mm (ft/ins)	8 950 (29-4)

FRAME

Type	Front and rear frames are all-welded high grade steel fabrications with rectangular box-section beams forming the main side and cross members. Inter-frame oscillation is provided by a large diameter cylindrical coupling which houses nylon bushings. Frames articulated 45° to either side for steering by means of two widely-spaced pivot pins in back-to-back sealed taper roller bearings.
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BODY

Type	All-welded construction, fabricated from high hardness (min 360 BHN) 1 000 Mpa (145 000 lbf/in ²) yield strength steel. Dual slope tailchute improves material ejection from body.		
Plate thickness:	Floor and tailchute	mm (in)	14.0 (0.55)
	Sides	mm (in)	12.0 (0.47)
	Front	mm (in)	8.0 (0.31)
Volume:	Struck	m ³ (yd ³)	12.5 (16.4)
	Heaped 2:1 (SAE)	m ³ (yd ³)	15.5 (20.3)

HOIST

Type	Two single-stage, double-acting hoist cylinders, cushioned at the base end. Variable displacement / load sensing piston pump driven from power take-off on transmission. Full flow return line filtration. Full electro-hydraulic hoist control, with electronic detent in power down.	
System pressure	bar (lbf/in ²)	220 (3 200)
Pump output flow rate	liter/sec (gal/min)	4.9 (77.6)
Raise (loaded)	seconds	12
Lower	seconds	7.5
Tyres and Wheels		
Tyres		Standard 23.5. Optional 750/65
Rims		Standard 25x19.50. For optional tyre, 25x22.00
Wheels		3-piece earthmover rims with 12 stud fixing

BRAKES

Type	All hydraulic system with sealed, forced oil cooled, multi discs on all axles. Independent circuits for front and rear brake systems. Warning lights and audible alarm indicate low brake system pressure. Brake system conforms to ISO 3450.
Parking	Spring-applied, hydraulic-released disc on rear driveline
Secondary	Secondary brake control actuates service and parking brakes
Retarder	Engine compression brake is standard

TA300

TA350

TA400

Fully independent suspension and wheel movement is provided by a double wishbone design. This is coupled with 4 x hydraulic dampers/coil over springs.

Four trailing links and a panhard rod locate the front axle giving a high roll centre. The optimized front axle position along with the wide spaced main and rebound mounts, mounted directly above the axle and long suspension travel, combine with the two heavy duty dampers each side to give excellent handling and ride.

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Each axle is coupled to the frame by three rubber-bushed links with lateral restraint by a transverse link. Pivoting inter-axle balance beams equalise load on each rear axle. Suspension movement is cushioned by rubber/metal laminated compression units between each axle and underside of balance beam ends. Pivot points on leading and trailing links are rubber-bushed and maintenance-free.

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Hydrostatic power steering by two double-acting cushioned steering cylinders with pressure supplied by a variable displacement / load sensing piston pump. An audible alarm and warning light indicates should the second system activate.

Hydrostatic power steering by two double-acting cushioned steering cylinders with pressure supplied by a variable displacement / load sensing piston pump. Secondary steering pressure is provided by a ground driven pump mounted on the dropbox. An audible alarm and warning light indicates should the second system activate.

Hydrostatic power steering by two double-acting cushioned steering cylinders with pressure supplied by a variable displacement / load sensing piston pump. Secondary steering pressure is provided by a ground driven pump mounted on the dropbox. An audible alarm and warning light indicates should the second system activate.

45°

45°

45°

4

4

4

241 (3 500)

240 (3 480)

240 (3 480)

8 470 (27-9)

9 185 (30-1)

9 185 (30-1)

8 950 (29-4)

9 675 (31-9)

9 675 (31-9)

Front and rear frames are all-welded high grade steel fabrications with rectangular box-section beams forming the main side and cross members. Inter-frame oscillation is provided by a large diameter cylindrical coupling which houses nylon bushings. Frames articulated 45° to either side for steering by means of two widely-spaced pivot pins in back-to-back sealed taper roller bearings.

Front and rear frames are all-welded high grade steel fabrications with rectangular box-section beams forming the main side and cross members. Inter-frame oscillation is provided by a large diameter cylindrical coupling which houses nylon bushings. Frames articulated 45° to either side for steering by means of two widely-spaced pivot pins in back-to-back sealed taper roller bearings.

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All-welded construction, fabricated from high hardness (min 360 BHN) 1 000 Mpa (145 000 lbf/in²) yield strength steel. Dual slope tailchute improves material ejection from body.

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14.0 (0.55)

15.0 (0.58)

15.0 (0.58)

12.0 (0.47)

12.0 (0.47)

12.0 (0.47)

8.0 (0.31)

8.0 (0.31)

8.0 (0.31)

13.8 (18.0)

15.5 (20.3)

17.4 (22.8)

17.5 (22.9)

21.0 (27.5)

23.3 (30.3)

Two single-stage, double-acting hoist cylinders, cushioned at the base end. Variable displacement / load sensing piston pump driven from power take-off on transmission. Full flow return line filtration. Full electro-hydraulic hoist control, with electronic detent in power down.

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220 (3 200)

240 (3 480)

240 (3 480)

4.9 (77.6)

5.4 (85.6)

5.4 (85.6)

12

12.5

12.5

7.5

8

8

Standard 23.5. Optional 750/65

Standard 26.5

Standard 29.5

Standard 25x19.50. For optional tyre, 25x22.00

Standard 25 x 22.00

Standard 25 x 25.00

3-piece earthmover rims with 12 stud fixing

3-piece earthmover rims with 19 stud fixing

3-piece earthmover rims with 19 stud fixing

All hydraulic system with sealed, forced oil cooled, multi discs on all axles. Independent circuits for front and rear brake systems. Warning lights and audible alarm indicate low brake system pressure. Brake system conforms to ISO 3450.

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Spring-applied, hydraulic-released disc on rear driveline

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Spring-applied, hydraulic-released disc on rear driveline

Secondary brake control actuates service and parking brakes

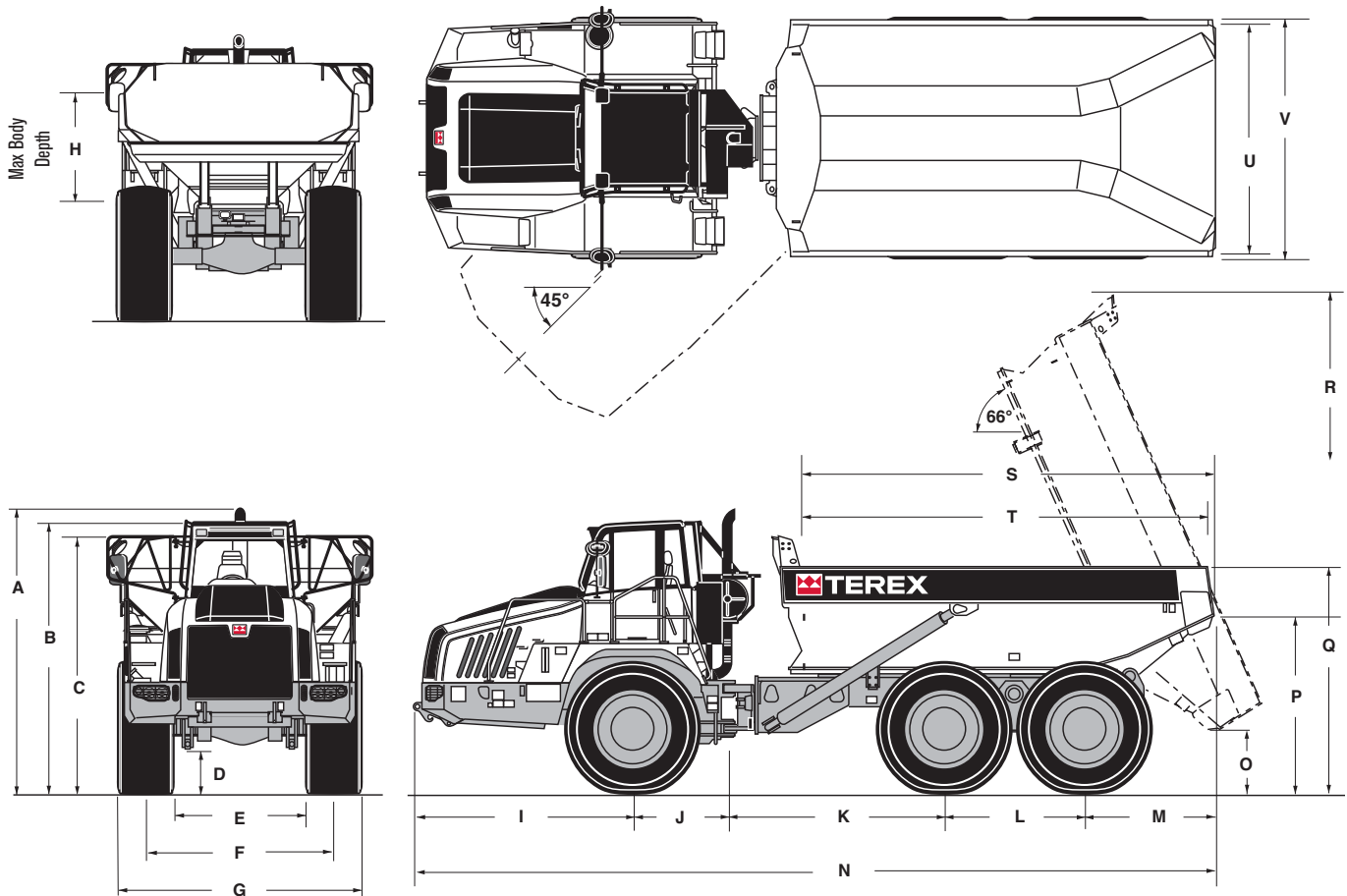
Secondary brake control actuates service and parking brakes

Secondary brake control actuates service and parking brakes

Engine compression brake is standard

Engine brake and transmission retarder are standard. Engine brake operates automatically should engine approach overspeed

Engine brake and transmission retarder are standard. Engine brake operates automatically should engine approach overspeed



TA250

TA300

TA350

TA400

DIMENSIONS

Standard Unit									
A	mm (ft-in)	3 450	(11-3)	3 450	(11-3)	3 888	(12-9)	3 945	(12-11)
B	mm (ft-in)	3 420	(11-2)	3 420	(11-2)	3 686	(12-1)	3 740	(12-3)
C	mm (ft-in)	3 120	(10-3)	3 325	(10-10)	3 494	(11-5)	3 550	(11-8)
D	mm (ft-in)	405	(1-6)	405	(1-6)	553	(1-10)	605	(2-0)
E	mm (ft-in)	1 580	(5-3)	1 580	(5-3)	1 837	(6-0)	1 840	(6-0)
F	mm (ft-in)	2 200	(7-2)	2 200	(7-2)	2 520	(8-3)	2 595	(8-6)
G	mm (ft-in)	2 895	(9-6)	2 895	(9-6)	3 206	(10-6)	3 360	(11-3)
H	mm (ft-in)	1 240	(4-1)	1 445	(4-9)	1 380	(4-6)	1 495	(4-11)
I	mm (ft-in)	2 400	(7-9)	2 400	(7-9)	2 914	(9-7)	3 025	(9-11)
J	mm (ft-in)	1 310	(4-4)	1 310	(4-4)	1 310	(4-4)	1 310	(4-4)
K	mm (ft-in)	2 945	(9-8)	2 945	(9-8)	2 990	(9-10)	2 990	(9-10)
L	mm (ft-in)	1 690	(5-6)	1 690	(5-6)	1 950	(6-5)	1 950	(6-5)
M	mm (ft-in)	1 410	(4-9)	1 410	(4-9)	1 781	(5-10)	1 780	(5-10)
N	mm (ft-in)	9 755	(32-0)	9 755	(32-0)	10 944	(35-11)	11 055	(36-3)
O	mm (ft-in)	725	(2-3)	725	(2-3)	851	(2-9)	905	(2-9)
P	mm (ft-in)	2 175	(7-2)	2 175	(7-0)	2 414	(7-11)	2 470	(8-1)
Q	mm (ft-in)	2 740	(8-11)	2 895	(9-6)	2 967	(9-9)	3 140	(10-4)
R	mm (ft-in)	6 015	(19-9)	6 110	(20-0)	6 872	(22-7)	6 930	(22-9)
S	mm (ft-in)	5 000	(16-5)	5 010	(16-5)	5 651	(18-6)	5 658	(18-7)
T	mm (ft-in)	4 930	(16-2)	4 920	(16-2)	5 576	(18-3)	5 570	(18-3)
U	mm (ft-in)	2 685	(8-10)	2 685	(8-10)	3 131	(10-3)	3 130	(10-3)
V	mm (ft-in)	2 895	(9-6)	2 895	(9-6)	3 315	(10-11)	3 315	(10-11)

TA250 TA300 TA350 TA400

WEIGHTS

Standard Unit									
Net Distribution									
Front Axle	kg (lb)	11 724	(25 793)	11 753	(25 913)	15 844	(34 930)	15 880	(67 804)
Bogie Axle, Leading	kg (lb)	5 205	(11 451)	5 315	(11 718)	7 293	(16 078)	7 500	(16 500)
Bogie Axle, Trailing	kg (lb)	5 276	(11 709)	5 417	(11 942)	7 233	(15 946)	7 440	(16 368)
Vehicle, Net	kg (lb)	22 205	(48 953)	22 485	(49 573)	30 370	(66 594)	30 820	(67 804)
Payload	kg (lb)	25 000	(55 115)	28 000	(61 730)	34 000	(74 956)	38 000	(83 775)
Gross Distribution									
Front Axle	kg (lb)	15 880	(34 936)	16 821	(37 086)	17 374	(38 303)	17 620	(38 845)
Bogie Axle Leading, Leading	kg (lb)	15 592	(34 302)	16 740	(36 904)	23 528	(51 870)	25 600	(56 438)
Vehicle Gross	kg (lb)	47 205	(104 068)	50 485	(111 303)	64 370	(141 911)	68 820	(151 500)
Bare Chassis	kg (lb)	17 335	(38 213)	17 555	(38 703)	24 760	(54 586)	24 760	(54 444)
Body	kg (lb)	4 100	(9 040)	4 400	(9 700)	4 950	(10 915)	5 400	(11 905)
Hoists, pair	kg (lb)	530	(1 170)	530	(1 170)	660	(1 455)	660	(1 455)

TA250 TA300 TA350 TA400

GROUND PRESSURE

These figures are at 15% shrinkage of unloaded radius and specified weights using

Standard Unit									
Tires		23.5 R25		23.5 R25		26.5 R25		29.5 R25	
Unloaded									
Front	kPa (Psi)	118	(17.1)	119	(17.2)	137	(19.8)	112	(16.2)
Rear	kPa (Psi)	53	(7.6)	54	(7.8)	61	(8.8)	53 kPa	(7.7)
Loaded									
Front	kPa (Psi)	161	(22.3)	170	(24.6)	145	(21.1)	121	(17.5)
Rear	kPa (Psi)	158	(22.9)	170	(24.6)	192	(27.9)	180	(26.1)

TA250 TA300 TA350 TA400

CAPACITIES

Standard Unit									
Fuel Tank	liters (gal)	390	(103)	390	(103)	481	(127)	481	(127)
Hydraulic System (Steering & Body)	liters (gal)	202	(53.4)	202	(53.4)	330	(87)	330	(87)
Engine Crankcase	liters (gal)	41	(10.8)	41	(10.8)	40	(10.5)	40	(10.5)
Cooling System	liters (gal)	54	(14.3)	54	(14.3)	80	(21.1)	80	(21.1)
Transmission (inc filters and cooler)	liters (gal)	54	(14.3)	60	(15.9)	56	(14.8)	56	(14.8)
Differential - Front & Rear (each)	liters (gal)	21	(5.5)	21	(5.5)	38	(10)	38	(10)
Differential - Centre	liters (gal)	23	(6.0)	23	(6.0)	39	(10.3)	39	(10.3)
Planetaries - (each)	liters (gal)	7.5	(2.0)	7.5	(2.0)	8.5	(2.2)	8.5	(2.2)
Brake Cooling System	liters (gal)	-	-	-	-	175	(42.6)	175	(42.6)

STANDARD EQUIPMENT

CAB AND OPERATOR

Air Conditioning	✓	✓	✓	✓
Air Filter Restriction Indicator	✓	✓	✓	✓
Auxillary power outlets 12V & 24V	✓	✓	✓	✓
CD/Tuner/MP3 Connectivity	✓	✓	✓	✓
Coat Hook	✓	✓	✓	✓
Engine/Transmission/Hydraulic Diagnostic Facility	✓	✓	✓	✓
Heater and Demister	✓	✓	✓	✓
Insulation, Thermal and Acoustic	✓	✓	✓	✓
Interior Light	✓	✓	✓	✓
Mirror Rear View (4)	✓	✓	✓	✓
Mug Holder	✓	✓	✓	✓
Rear Vision Camera/Monitor	✓	✓	✓	✓
ROPS/FOPS Protection ISO3471/3449	✓	✓	✓	✓
Seat Belts Retractable J386	✓	✓	✓	✓
Seat, Operator, air suspension, high back, headrest and adjustable armrests	✓	✓	✓	✓
Seat, Trainer	✓	✓	✓	✓
Steering Wheel, tilt/telescopic	✓	✓	✓	✓
Storage Compartment	✓	✓	✓	✓
Sun Visor (Internal)	✓	✓	✓	✓
Tinted Glass	✓	✓	✓	✓
Transmission Visual Display Unit	✓	✓	✓	✓
Window Protection Grille, rear	✓	✓	✓	✓
Wiper and Washer, front and rear windows	✓	✓	✓	✓

WARNING LIGHTS & AUDIBLE ALARM

Alternator Charging	✓	✓	✓	✓
Body Up	✓	✓	✓	✓
Engine maintenance monitor	✓	✓	-	-
Brake Cooling Oil Pressure	-	-	✓	✓
Brake Oil Cooling Temperature	-	-	✓	✓
Differential lock	✓	✓	✓	✓
Direction Indicators	✓	✓	✓	✓
Dropbox high/low Oil Pressure	-	-	✓	✓
Dropbox high Oil Temperature	-	-	✓	✓
Dropbox high ratio selected	-	-	✓	✓
Dropbox Low ratio selected	-	-	✓	✓
Engine Air Filter Change	✓	✓	✓	✓
Engine Brake	-	-	✓	✓
Engine 'CHECK'	✓	✓	✓	✓
Engine 'STOP'	✓	✓	✓	✓
Front Brake Accumulator Pressure	✓	✓	✓	✓
Headlight High Beam	✓	✓	✓	✓
Hydraulic Oil Filter Change			✓	✓
Low Fuel	✓	✓	✓	✓
Parking Brake	✓	✓	✓	✓
Rear Brake Accumulator Pressure	✓	✓	✓	✓
Secondary Steering	✓	✓	✓	✓
Transmission check	✓	✓	✓	✓
Transmission high oil temperature	✓	✓	✓	✓
Transmission Retarder	✓*	✓*	✓	✓

*when option is fitted

GENERAL

Articulation and Oscillation Lock	✓	✓	✓	✓
Battery Master Switch	✓	✓	✓	✓
Body Prop	✓	✓	✓	✓
Brakes Fully Hydraulic Dual Circuit System	✓	✓	✓	✓
Diagnostic Pressure Test Points	✓	✓	✓	✓
Differential Locks	✓	✓	✓	✓
Electronic Assisted Body Hoist Control	✓	✓	✓	✓
Engine/Transmission/Hydraulic electronic magement systems	✓	✓	✓	✓
Engine Underguard	✓	✓	✓	✓
Exhaust Muffler	✓	✓	✓	✓
Handrails on Fenders	✓	✓	✓	✓
Headlamp Guards	✓	✓	✓	✓
Horn, Electric 117db	✓	✓	✓	✓
Hydraulic Filter Restriction Indicator	✓	✓	✓	✓
Modulating Cooling Fans	✓	✓	✓	✓
Mudflaps at Front and Centre	✓	✓	✓	✓
Neutral Start Interlock	✓	✓	✓	✓
Pivot Protection Guard	✓	✓	✓	✓
Rear Light Guards	✓	✓	✓	✓
Reverse Alarm Audible J994	✓	✓	✓	✓
Secondary Steering	✓	✓	✓	✓
Security Kit	✓	✓	✓	✓
Tilting Cab for Maintenance	✓	✓	✓	✓
Tow Points, Front and Rear	✓	✓	✓	✓
Transmission Downshift Inhibitor	✓	✓	✓	✓
Independent Suspension	-	✓	-	-
Transmission Oil Cooler with Modulating Fan	✓	✓	✓	✓
Transmission Sump Guard	✓	✓	✓	✓
Transmission Retarder	-	-	✓	✓
Tyre Inflation Nitrogen	✓	✓	✓	✓
2 stage manual/automatic Engine Brake	✓	✓	-	-
3 stage Engine Brake	-	-	✓	✓

GAUGES

Brake Oil Temperature	-	-	✓	✓
Engine Coolant Temperature	✓	✓	✓	✓
Fuel Level	✓	✓	✓	✓
Hourmeter	✓	✓	✓	✓
Speedometer/Digital Odometer/Tripmeter	✓	✓	✓	✓
System Voltage	✓	✓	✓	✓
Tachometer	✓	✓	✓	✓
Transmission Sump oil Temperature	✓	✓	-	-
Transmission Oil Temperature	-	-	✓	✓
Transmission Converter Oil Temp.	✓	✓	-	-

LIGHTS

Direction and Hazard Warning Indicators (LED on rear)	✓	✓	✓	✓
Front Working Lights, Roof Mounted	✓	✓	✓	✓
Reverse Warning	✓	✓	✓	✓
Side and Tail (LED)	✓	✓	✓	✓
2 halogen headlamps dipped beam	✓	✓	✓	✓
2 halogen headlamps main beam	✓	✓	✓	✓

OPTIONAL EQUIPMENT

BODY OPTIONS

Body Side Extensions	✓	✓	✓	✓
Heated Body	✓	✓	✓	✓
Liner Plates	✓	✓	✓	✓
Spillguard Extension	✓	✓	✓	✓
Top Tailgate	✓	✓	✓	✓

MIRRORS

Mirror Front Mounted	✓	✓	✓	✓
Mirror with Wide Angle	✓	✓	✓	✓
Mirrors Heated	✓	✓	✓	✓

LIGHTS

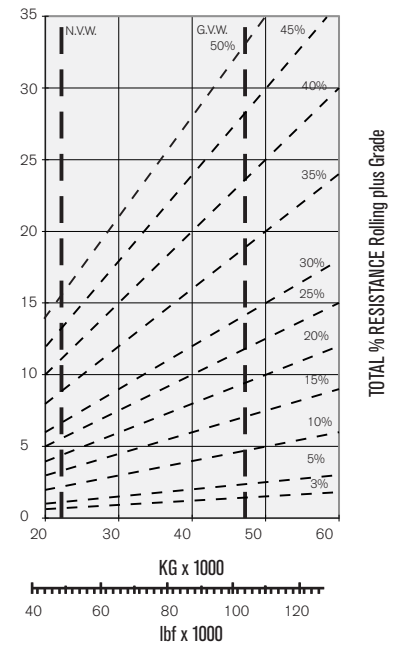
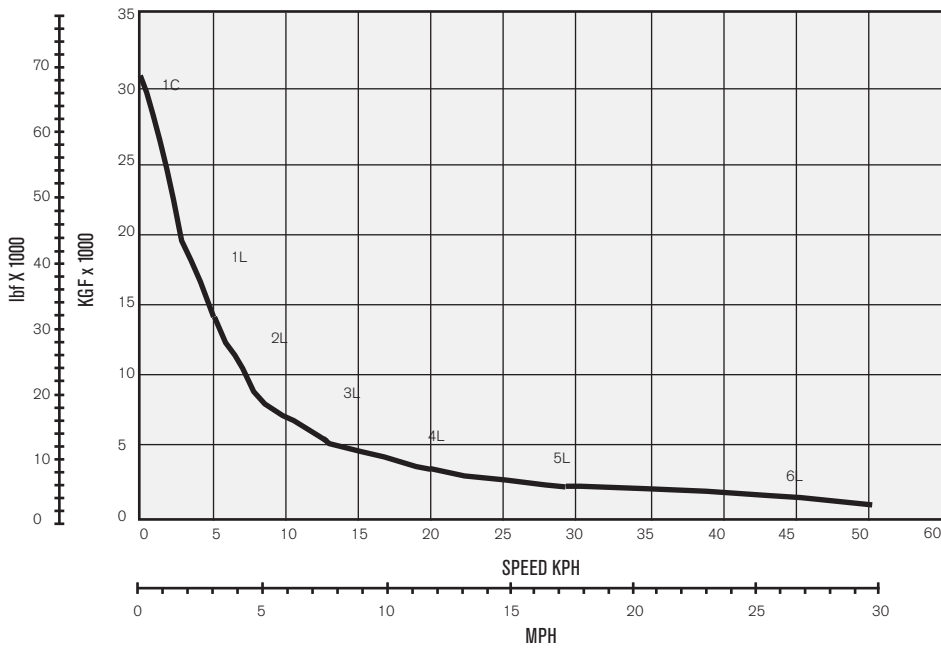
Beacon Flashing	✓	✓	✓	✓
Fog Rear	✓	✓	✓	✓
Rear Working Lights, Roof Mounted	✓	✓	✓	✓
Reverse Flashing	✓	✓	✓	✓

OTHER OPTIONS

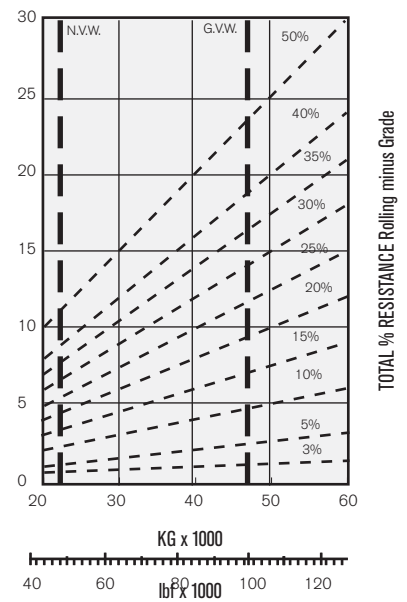
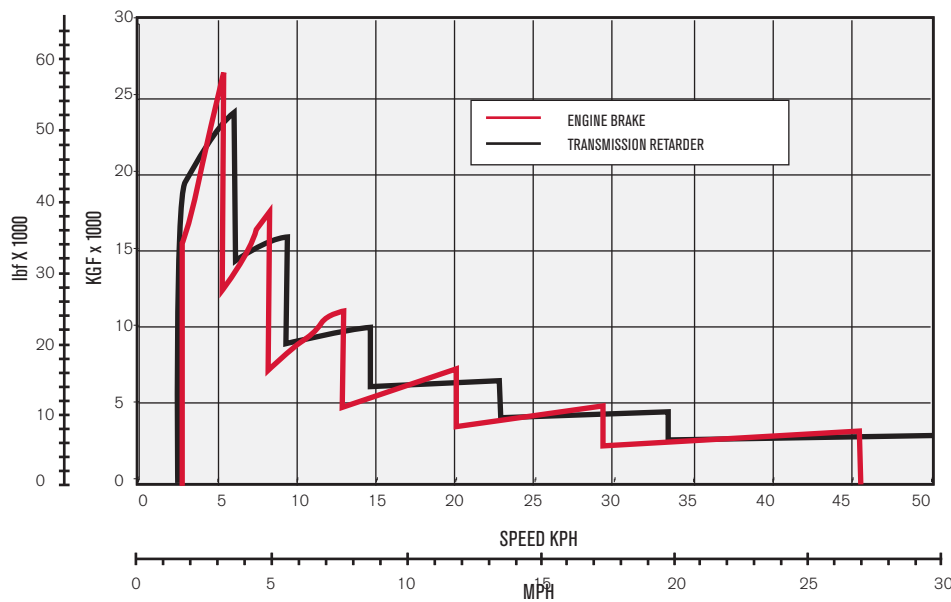
Automatic Lubrication	✓	✓	✓	✓
Fire Extinguisher	✓	✓	✓	✓
First Aid Kit	✓	✓	✓	✓
Parking Brake Guard	✓	✓	✓	✓
Payload Monitoring System	✓	✓	✓	✓
Seat Heated	✓	✓	✓	✓
Tool Kit	✓	✓	✓	✓
Independent Suspension	✓	-	-	-
Transmission Retarder	✓	✓	-	-
Hydraulic Oil Cooler	✓	✓	-	-

GRADEABILITY

Unit equipped with 23.5 R25 tires. Graphs based on 2% Rolling Resistance.



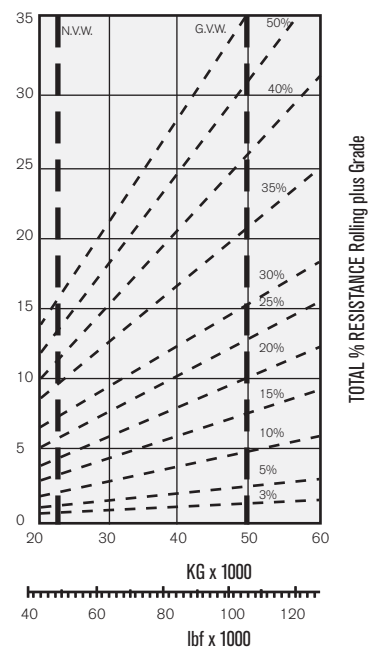
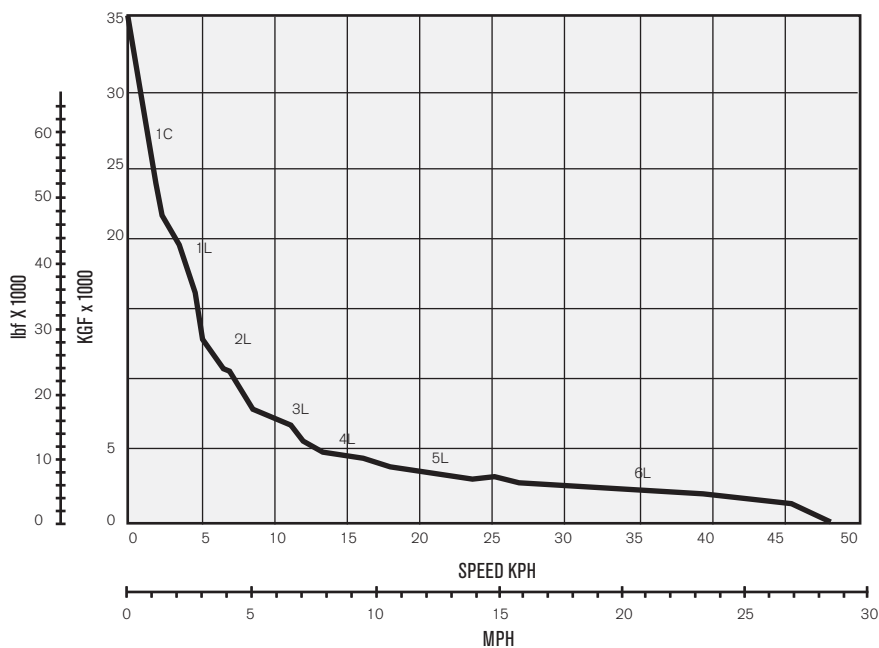
RETARDATION



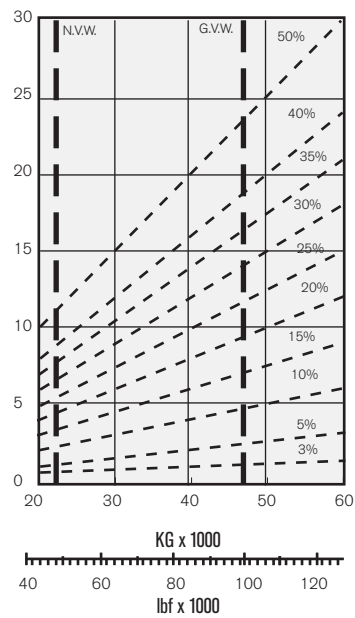
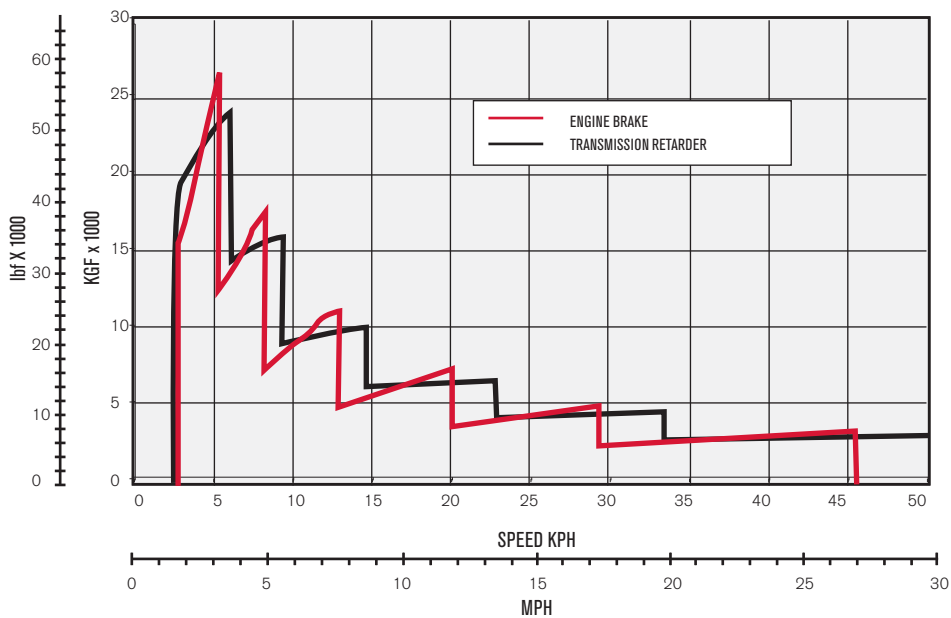
Instructions: From intersection of vehicle weight with percentage resistance line read across to determine maximum gear attainable, and then downwards for speed.

GRADEABILITY

Unit equipped with 23.5 R25 tires. Graphs based on 2% Rolling Resistance.



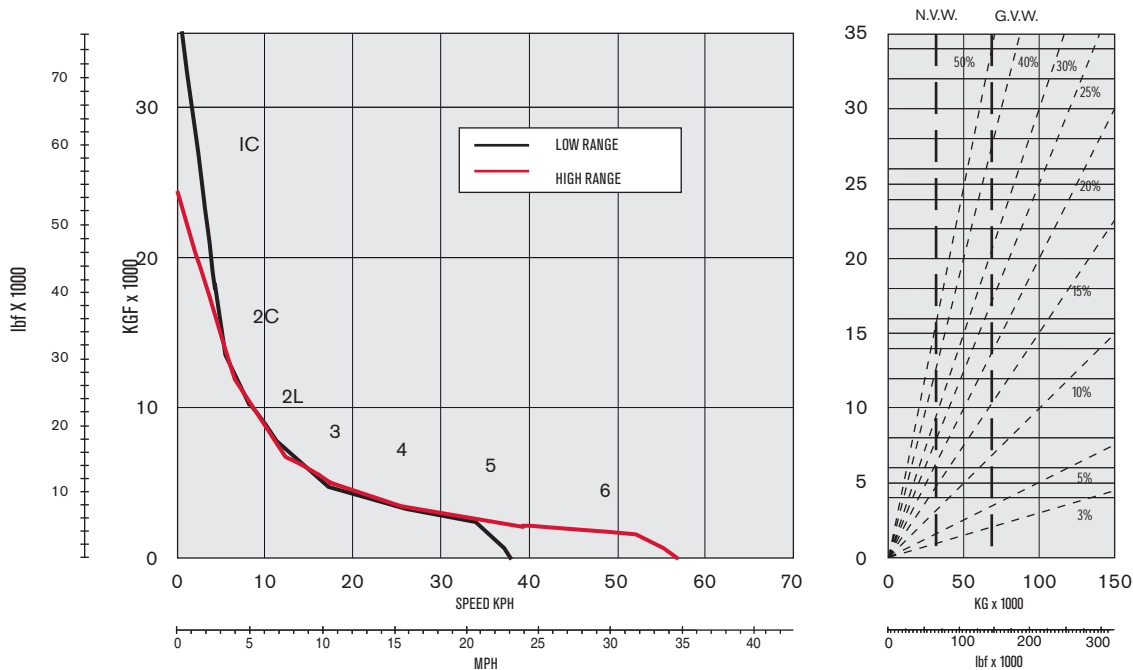
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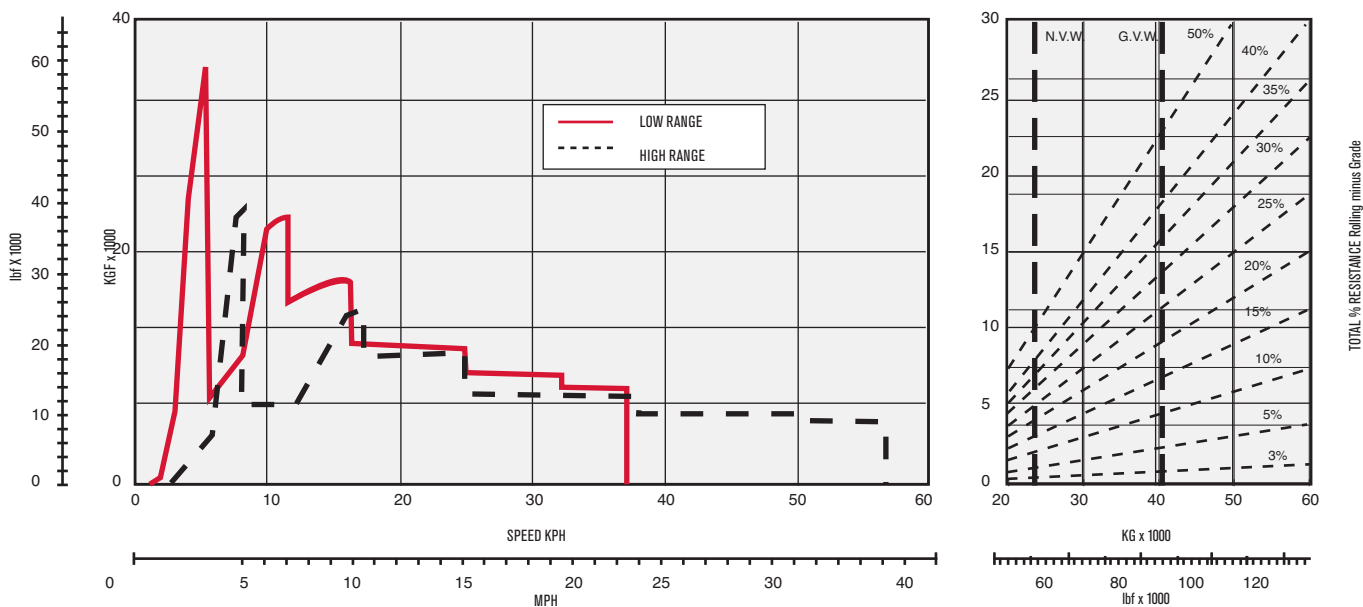
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GRADEABILITY

Unit equipped with 26.5 R25 tires. Graphs based on 2% Rolling Resistance.



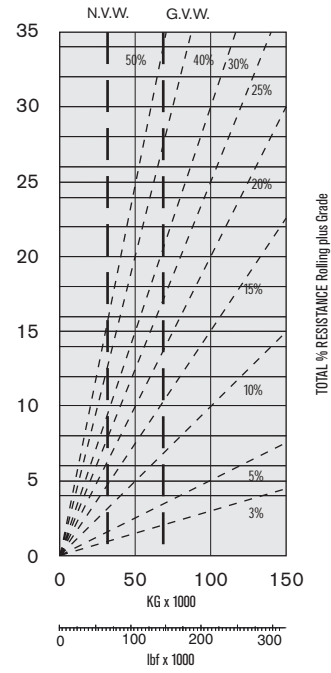
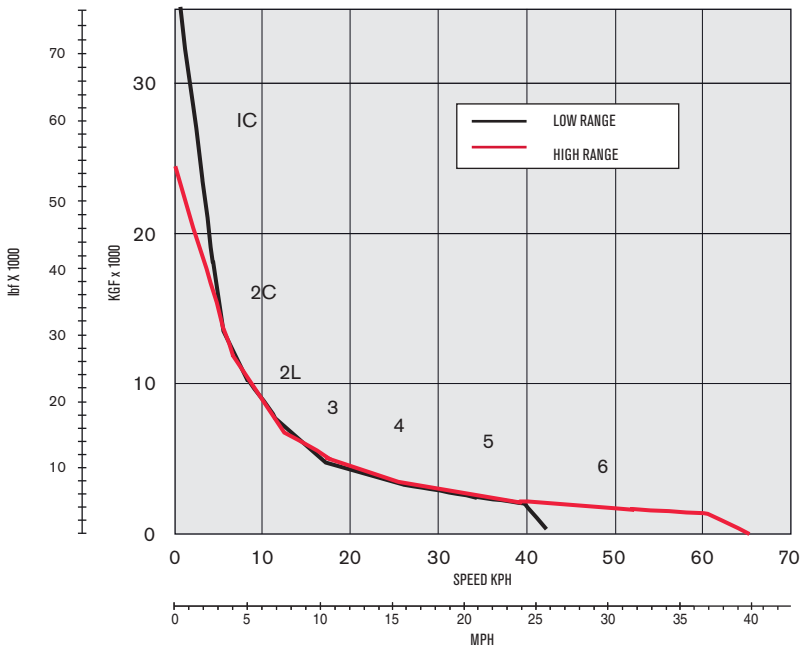
RETARDATION



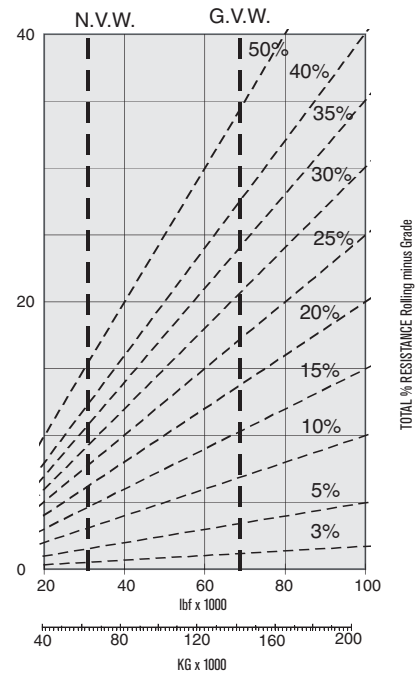
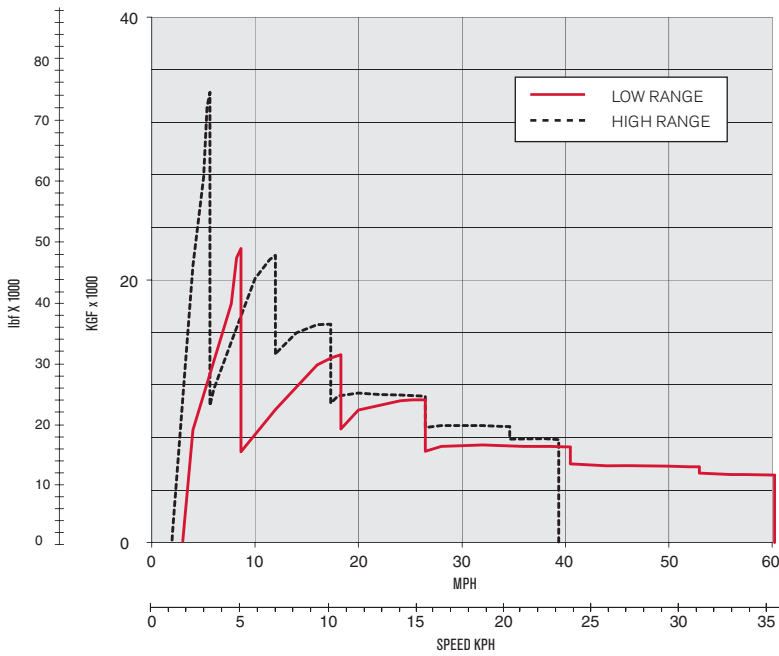
Instructions: From intersection of vehicle weight with percentage resistance line read across to determine maximum gear attainable, and then downwards for speed.

GRADEABILITY

Unit equipped with 29.5 R25 tires. Graphs based on 2% Rolling Resistance.



RETARDATION



Instructions: From intersection of vehicle weight with percentage resistance line read across to determine maximum gear attainable, and then downwards for speed.

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