TEREX®

Motor Graders TG110 TG150 TG190 TG210

MOTOR GRADERS

MOTOR GRADERS

Terex Motor Graders – the professional choice when it comes to precision grading and road maintenance.

With our range of motor graders we can offer construction and mining companies highly adaptable top performance motor graders, at the most sophisticated technical level. Terex Graders bring versatility, outstanding manoeuvrability even in confined areas through use of compact design and articulated steering systems. Proven blade pull and grading characteristics are the result of genuine all-wheel drive.

Terex Motor Graders – the applications

You will find Terex motor graders at work in road construction; civil and industrial engineering, waste disposal construction; railtrack and motorway projects; airfields, factories, sports grounds and leisure facility construction works, forestry, agricultural and open-pit and deep mining applications.

The right motor grader, whatever the situation

With 4 weight classes and a choice between tandem and all-wheel drive for all motor grader types Terex has versions to provide the right motor grader for every purpose. The medium duty three-axle versions, the TG 110, TG 150 are the universal choice for road building and forestry operation; and the large three-axle TG 190 and TG 210 are the powerhouses for handling heavy duty applications, such as airfield and motorway construction and open pit mining. An extensive range of accessories and additional fittings also means that special individual requirements can also be handled with the best possible results.

* pictures show machines with optional equipment

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	TG110	TG150	TG190	TG210
Power hp @2200 rpm	97 kW/132 hp (ISO/TR 14 396)	120 kW/163 hp (ISO/TR 14 396)	129.6 kW/176 hp (ISO/TR 14 396)	168 kW/229 hp (SAE J1349)
@ 2000 rpm			135 kW/184 hp (ISO/TR 14 396)	
Operating Weight	approx. 11 500 kg	approx. 14 500 kg	approx. 18 700 kg	approx. 21 000 kg
Moldboard Width	3 355 mm (11 - 132.08)	3 660 mm (12 - 144.09)	3 660 mm (12 - 144.09)	3 660 mm (12 - 144.09)

Dimensions in mm (ft - in)

Engines

	TG110	TG150	TG190	TG210
Diesel Engine	Cummins	Cummins	Cummins	Cummins
Type	Four cycle, direct injection diesel, turbocharged, water-cooled.			
Rated net horsepower	(ISO/TR 14 396) at 2 200 RPM 97 kW/132 HP	(ISO/TR 14 396) at 2 200 RPM 120 kW/163 HP	(ISO/TR 14 396) at 2 200 RPM 129.6 kW/176 HP at 2 000 RPM 135 kW/184HP	(SAE J1349) at 2 200 RPM 168 kW/229 HP
No of cylinders	in line 4	in line 6	in line 6	in line 6
Displacement	4.5 litres	6.7 litres	6.7 litres	6.7 litres
	Engine equipped with a dual element, dry-type air cleaner with dust ejector. 24 volt starting and electrical system. 40 amp alternator and 24 volt starter with 3.7 kW (4.9 HP).	Engine equipped with a dual element, dry-type air cleaner with dust ejector. 24 volt starting and electrical system. 55 amp alternator and 24 volt starter with 6.5 kW (8.7 HP).	Engine equipped with a dual element, dry-type air cleaner with dust ejector. 24 volt starting and electrical system. 55 amp alternator and 24 volt starter with 4.5 kW (6.1 HP).	Engine equipped with a dual element, dry-type air cleaner with evacuator. 24 volt starting and electrical system with 60 amp alternator and 24 volt starter with 6.5 kW (8.7 HP). Performance: Rated horsepower with water pump, lubrication oil pump, fuel system, alternator and cooling fan.

Operating Weight

Total weight	approx. 11 500 kg	approx. 14 500 kg	approx. 18 700 kg	approx. 21 000 kg
On rear wheels	approx. 7 960 kg	approx. 10 200 kg	approx. 13 700 kg	approx. 14 700 kg
On front wheels	approx. 3 540 kg	approx. 4 300 kg	approx. 5 000 kg	approx. 6 300 kg
	Weight shown include cab, all operating fluids, rear ripper (width 1 440mm), front dozer blade.	Weight shown include cab, all operating fluids, 6-teeth rear ripper, front dozer blade.	Weight shown include cab, all operating fluids, 4-teeth rear ripper, front dozer blade.	Weight shown include cab, all operating fluids, 4-teeth rear ripper, front dozer blade.

All wheel drive system

	Hydrodynamic rear axle drive with 6-speed Ergopower transmission and torque converter (make ZF 6 WG) with freely selectable microprocessor controlled hydrostatic front axle drive. Power train is controlled appropriate to tyre traction.	Hydrodynamic rear axle drive with 6-speed Ergopower transmission and torque converter (make ZF 6 WG) with freely selectable microprocessor controlled hydrostatic front axle drive. Power train is controlled appropriate to tyre traction.	Hydrodynamic rear axle drive with 6-speed Ergopower transmission and torque converter as well as freely selectable microprocessor controlled hydrostatic front axle drive. Power train is controlled appropriate to tyre traction of front and rear wheels.	Hydrodynamic rear axle drive with 6-speed Ergopower transmission with torque converter (type ZF 6 WG) as well as freely selectable microprocessor controlled hydrostatic front axle drive. Power train is controlled appropriate to tyre traction of front and rear wheels.

Dimensions in mm (ft - in)

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Rear Axles

	TG110	TG150	TG190	TG210
	Hydrodynamic rear axle drive with 6-speed Ergopower transmission and torque converter (make ZF 6 WG).			Hydrodynamic rear wheel drive, 6-speed full powershift gear with torque converter (type ZF 6 WG). Speed at 2 200 RPM, tyres 17.5-25.
Speeds	km/h	km/h	km/h	
Forward	1. 4.0 2. 7.0 3. 12.0 4. 18.0 5. 25.0 6. 39.0	1. 4.3 2. 6.7 3. 11.0 4. 17.2 5. 25.0 6. 40.0	1. 3.8 2. 6.6 3. 8.8 4. 15.4 5. 19.4 6. 40.0	1. 4.0 2. 7.0 3. 10.0 4. 17.0 5. 22.0 6. 40.0
Reverse	1. 4.0 2. 12.0 3. 25.0	1. 4.3 2. 11.0 3. 25.0	1. 3.8 2. 8.8 3. 19.4	1. 4.0 2. 10.0 3. 22.0
	Acoustic back up alarm in reverse driving			
	Oscillating tandem axle with axle insert.			
	No-Spin differential.			
	Multi-disc brakes in all four wheel hubs.			
	Parking brake mechanical operated, acting on power shift.			

Tandems

	TG110	TG150	TG190	TG210
Drive via roller chains				
Torsion-proof box section				
Height	450 mm (1.48 - 17.7)	510 mm (1.67 - 20.07)	517 mm (1.7 - 20.4)	517 mm (1.7 - 20.4)
Width	166 mm (0.54 - 6.5)	177 mm (0.58 - 6.9)	184 mm (0.6 - 7.2)	184 mm (0.6 - 7.2)
Thickness of walls	15 mm (0.05 - 0.6)	16 mm (0.05 - 0.63)	22 mm (0.07 - 0.87)	22 mm (0.07 - 0.87)
Wheel base	1 236 mm (4.06 - 48.7)	1 555 mm (5.1 - 61.2)	1 542 mm (5.05 - 60.7)	1 542 mm (5.05 - 60.7)
Oscillation	± 15°	± 15°	± 15°	± 15°
Ground clearance	400 mm (1.31 - 15.75)	475 mm (1.56 - 18.7)	480 mm (1.57 - 18.9)	480 mm (1.57 - 18.9)

Dimensions in mm (ft - in)

Tyres and Wheels

	TG110	TG150	TG190	TG210
Tyre size	16/70-20 E91-2 Dunlop	13.00 - 24 TG SGG-2A Goodyear	14.00-24 (TG)	17.5-25
Rim size	13.00 x 20	10.00 x 24 DC	10.00 x 24	14 x 25/1.3

Brakes

Service brakes	Dual circuit, power-boosted, multiple-disc oil-bath type, effective on four wheels. Includes reserve power and operating warning system.			
Parking brakes	Independent hand operated, acting on rear axle	Independent hand operated, acting on power shift	Independent brake, mechanically actuated	Independent brake, single disc type, hydro mechanically acting at output shaft of transmission, electrically actuated.

Front Axle

3 types are available:				
Oscillation	15° up and down	15° up and down	15° up and down	15° up and down
Steering angle	45°	45°	45°	45°
Non driven with wheel lean (T-version)	Stable welded steel beam with wheel lean.			
wheel lean	±17°	±17°	±17°	±17°
ground clearance	500 mm (1.64 - 19.7)	546 mm (1.69 - 21.5)	591 mm (1.93 - 23.27)	591 mm (1.93 - 23.27)
Driven without wheel lean (TA-version 1)	Stable tractor-based axle with axial piston engine (concentric on axle protected), pulling power on surface conditions electronically adjustable (infinitely variable).			
differential, self locking	45°	45°	45°	45°
ground clearance	370 mm (1.21 - 14.5)	465 mm (1.53 - 18.3)	471 mm (1.5 - 18.5)	471 mm (1.5 - 18.5)
Driven with wheel lean (TA-version 2)	Stable welded steel beam with wheel lean and radial piston engines in wheel hubs, pulling power on surface conditions. Electronically adjustable (infinitely variable), possibility to fit in the hydraulic differential lock.			
differential, self locking	±17°	±17°	±17°	±17°
ground clearance	500 mm (1.64 - 19.7)	546 mm (1.79 - 21.5)	591 mm (1.93 - 23.27)	591 mm (1.93 - 23.27)

Dimensions in mm (ft - in)

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Steering

	TG110	TG150	TG190	TG210
Hydraulic power steering				
Minimum turning radius with dozer blade	6 400 mm (21 - 251.97)	7 650 mm (25.1 - 301.18)	8 050 mm (26.4 - 316.93)	8 050 mm (26.4 - 316.93)
Minimum turning radius without dozer blade	7 050 mm (23.13 - 277.56)	6 900 mm 22.64 - 271.65)	7 500 mm (24.6 - 295.27)	7 500 mm (24.6 - 295.27)
Steering angle	45°	45°	45°	45°

Frame

	Front and rear frame sections connected with an adjustment-free articulated pin.			
Front:	Fully welded box section.			
Min. dimensions of box section	240 x 240 mm (0.79 - 9.45)	270 x 270 mm (0.88 - 10.63)	300 x 310 mm (0.98 - 11.8) (1.02 - 12.2)	300 x 310 mm (0.98 - 11.8) (1.02 - 12.2)
Plate thickness	20 mm (0.07 - 0.79)	20 mm (0.07 - 0.79)	20 mm (0.07 - 0.79)	25 mm (0.08 - 0.98)
Rear:	Fully welded section.			
Dimensions	solid bars 210 x 70mm (0.69 - 8.27) (0.23 - 2.75)	solidbars 250 x 80 mm (0.82 - 9.84) (0.26 - 3.15)	solid bars 250 x 90 mm (0.82 - 9.84) (0.29 - 3.54)	compact beam 350 mm (1.15 - 13.78)
Hydraulic articulated frame steering (left and right)	30°	30°	30°	30°

Circle

	Hardened teeth, cut on inside of circle for maximum strength and minimum wear. The circle is held positively in place at four points by four clamps and guide shoes. The clamp and guide shoes are located where greatest loading occurs.			
Diameter	1 200 mm (3.94 - 47.24)	1 348 mm (4.42 - 53.07)	1 510 mm (4.95 - 59.45)	1 510 mm (4.95 - 59.45)
Thickness	35 mm (0.11 - 1.38)	40 mm (0.13 - 1.57)	40 mm (0.13 - 1.57)	40 mm (0.13 - 1.57)
Height	95 mm (0.31 - 3.74)	95 mm (0.31 - 3.74)	110 mm (0.36 - 4.33)	110 mm (0.36 - 4.33)
Adjustable guide shoes and clamps	4	4	4	4

Circle drive

	Hydraulically driven worm gear transmission. Circle drive system fully protected against impact damage by an overload clutch.

Dimensions in mm (ft - in)

Drawbar

	TG110	TG150	TG190	TG210
	A-shaped fully welded construction.	Y-shaped fully welded construction.		
Dimensions	solid sections 30 x 170 mm (0.10 - 1.18) (0.55 - 6.69)	solid sections 30 x 175 mm (0.10 - 1.18) (0.57 - 6.89)	solid sections 40 x 210 mm (0.13 - 1.57) (0.69 - 8.27)	compact beams 40 x 210 mm (0.13 - 1.57) (0.69

Moldboard (Standard)

Moldboard (lxhxb)	3 355 x 503 x 15 mm (11 - 132.08) (1.65 - 19.8) (0.05 - 0.59)	3 660 x 580 x 20 mm (12 - 144.09) (1.9 - 22.8) (0.06 - 0.78)	3 660 x 630 x 20 mm (12 - 144.09) (2.06 - 24.8) (0.06 - 0.78)	3 962 x 630 x 20 mm (12.99 - 155.98) (2.06 - 24.8) (0.06 - 0.78)
Blade material	High carbon steel	High carbon steel	High carbon steel	High carbon steel
Blade pull (at a friction factor of 0.8)	T-3 60.82 kN TA-3 85,94 kN	T-3 80.04 kN TA-3 113.79 kN	T-3 96.45 kN TA-3 139.07 kN	T 106kN TA 131 kN

Blade range

	Reach outside tyres without articulation (RH & LH) blade resting on levelled surface 2 250 mm / 1 600 mm	Reach outside tyres without articulation (RH & LH) blade resting on levelled surface 2 350 mm / 1 670 mm	Reach outside tyres without articulation (RH & LH) blade resting on levelled surface 2 155 mm / 1 370 mm	Reach outside tyres without articulation (RH & LH) blade resting on levelled surface 2 155 mm / 1 460 mm
	Reach outside tyres with articulation (RH & LH) blade resting on levelled surface 2 820 mm / 2 170 mm	Reach outside tyres with articulation (RH & LH) blade resting on levelled surface 3 180 mm / 2 500 mm	Reach outside tyres with articulation (RH & LH) blade resting on levelled surface 2 905 mm / 2 220 mm	Reach outside tyres with articulation (RH & LH) blade resting on levelled surface 3 005 mm / 2 310 mm
Blade side shift	1 000 mm (3.48 - 39.34)	1 250 mm (4.10 - 49.21)	1 250 mm (4.10 - 49.21)	1 250 mm (4.10 - 49.21)
Blade tilt range	40 - 80°	38 - 78°	36 - 76°	36 - 76°
Bank sloping angle (RH & LH)	90°	90°	90°	90°
Lift above ground	455 mm (1.49 - 17.91)	480 mm (1.57 - 18.9)	470 mm (1.54 - 18.5)	470 mm (1.54 - 18.5)
Cut below ground	530 mm (1.74 - 20.87)	450 mm (1.48 - 17.72)	380 mm (1.25 - 14.96)	380 mm (1.25 - 14.96)
Distance blade/front axle		2 204 mm (7.23 - 86.77)	2 638 mm (8.65 - 103.86)	
	All blade movements and posititions can be controlled from the operator's seat.			

Operator's Cabin

Integrated ROPS/FOPS cab mounted on isolators to limit vibration and noise entering the cab. Excellent all-round visibility. Roomy and comfortable. Adjustable steering pedestal with EURO/Terex control lever arrangement. Interior of cab is fully lined and has a durable floor covering. Tinted safety glass, sliding doors on each side with lockable intermediate positions. Fresh air heating with pre-filter and air circulation. Adjustable hydraulically sprung drivers seat with safety belt. One inside mirror and two folding outside mirrors. Blinds front and rear. Front window washer and window wipers front and rear.

Dimensions in mm (ft - in)

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Capacities

	TG110	TG150	TG190	TG210
Fuel tank	195 litres	310 litres	480 litres	480 litres
Hydraulicoil tank	140 litres	150 litres	170 litres	150 litres
Engine oil	12 litres	16 litres	15 litres	24 litres
Ergopower transmission	18 litres	18 litres	34 litres	34 litres
Axle drive front	5 litres	TA-3 10 litres	TA-3 10 litres	TA 10 litres
Axle drive rear	15 litres	15 litres	29 litres	29 litres
Planetary gears front	TA-3 1 litre	TA-3 3 litres	TA-3 3 litres	TA 3 litres
Planetary gears and brakes	14 litres	14 litres	14 litres	14 litres
Tandem case	36 litres	40 litres	42 litres	42 litres
Circle drive	5 litres	6 litres	6 litres	9 litres
Coolant	25 litres	45 litres	42 litres	35 litres

Light equipment

2 headlights front, 2 direction indicator lights each (including warning signal flasher) front and rear and additional 2 at cab, 2 tail lights, 2 stop lights, 1 back-up light, clearance lights, 2 working lights rear, two working lights front each at lower and upper edge of cab.

Load-sensing hydraulics

The control valves of the working hydraulics may be actuated at a time and independent of each other. The load-sensing pump (axial piston pump) discharges only the required amount of oil, if a control valve is actuated. When hydraulic power is not required, system pressure is only 24 bar and this low standby pressure improves fuel-efficiency and reduces heat generation.

Lock valves and brake valves prevent a cylinder under load.

Operating pressure	184 bar	184 bar	184 bar	205 bar
Oil flow max.	104 l/min	99 l/min	99 l/min	99 l/min

Dimensions in mm (ft - in)

Optional equipment

	TG110	TG150	TG190	TG210
	Excellent all-round visibility. Roomy and comfortable. Adjustable steering pedestal with EURO control lever arrangement. Interior of cab fully lined, floor covering. Tinted safety glass windows, sliding doors left and right with lockable intermediate positions, fresh air heating with pre-filter, air circulation. Adjustable, hydraulically-sprung driver's seat with safety belt. One inside mirror and two folding outside mirrors.			
Air-condition for cab	✔	✔	✔	✔
Auxilliary heating	✔	✔	✔	✔
Beacon (orange)	✔	✔	✔	✔
Air-cushioned driver's seat	✔	✔	✔	✔
Recording speedometer	✔	✔	✔	✔
Cooling box	✔	✔	✔	✔
Stereo radio with CD	✔	✔	✔	✔
Sliding side windows	✔	✔	✔	✔
Protective grids for lights and cabin	✔	✔	✔	✔
Cover plate for upper guide rail of moldboard	✔	✔	✔	✔
Adjustable moldboard corner shoe LH & RH	✔	✔	✔	✔
Moldboard extension, left or right 305mm	✔	✔	✔	✔
Float position for both moldboard lift cylinders	✔	✔	✔	✔
Electric fuel pump with automatic switch-off	✔	✔	✔	✔
Towing device, tiltable	✔	✔	✔	✔
Circle Drawbar				
Circle Diameter	1 348 mm (4.42 - 53.07)	1 348 mm (4.42 - 53.07)	1 510 mm (9.95 - 59.45)	1510 mm (9.95 - 59.45)
Tool width	78 mm (0.25 - 3.07)	78 mm (0.25 - 3.07)	83 mm (0.27 - 3.26)	83 mm (0.27 - 3.26)
Height	130 mm (0.42 - 5.11)	130 mm (0.42 - 5.11)	130 mm (0.42 - 5.11)	130 mm (0.42 - 5.11)
Moldboard	3 050 x 503x 15 mm (10 - 120.08) x (1.65 - 19.8) x (0.05 - 0.6)	3 355 x 580 x 20 mm (11 - 132.08) x (1.9 - 22.8) x (0.06 - 0.8)	3 962 x 630 x 20 mm (13 - 156) x (2.07 - 24.8) x (0.06 - 0.8)	3 660 x 580 x 20 mm (12 - 144.1) x (1.9 - 22.8) x (0.06 - 0.8)
Moldboard	2 490 x 503 x 15 mm (8.17 - 98) x (1.65 - 19.8) x (0.05 - 0.6)	2 490 x 580 x 20 mm (8.17 - 98) x (1.9 - 22.8) x (0.06 - 0.8)	3 355 x 630 x 20 mm (11 -132.08) x (2.07 - 24.8) x (0.06 - 0.8)	4 267 x 630 x 20 mm (14 - 168) x (2.07 - 24.8) x (0.06 - 0.8)
Tyres and Wheels				
Tyre size	Trelleborg 550/45 - 22.5 TL12 T404	Trelleborg 550/60 - 22.5 12 PR T404	17.5 R25 XS NOPLUS Michelin (M+S)	17.5 R25 XS NO PLUS Michelin (M+S)
Rim size	16.00 x 22.5	16.00 x 22.5	14.00 x 25/1.3	14.00 x 25/1.3
Tyre size	405/70 R20 SPT9 Dunlop TL	16/70-24 E91-2 Dunlop TL	17.5-25 SGL D/L-2A Goodyear	17.5 R25 TL XHA Michelin
Rim size	13.00 x 20	13.00 x 24	14.00 x 25/1.3	14.00 x 25/1.3
Tyre size	425/70 R60 XM27 Michelin TL	405/70 R24 SPT9 Dunlop TL	17.5 R25 TL XHA Michelin	17.5 R25 RL-2+ Goodyear
Rim size	13.00 x 20	13.00 x 24	14.00 x 25/1.3	14.00 x 25/1.3
Tyre size		455/70 R24 SPT9 Dunlop TL	17.5 R25 RL-2+ Goodyear	
Rim size		13.00 x 24	14.00 x 25/1.3	
Tyre size		15.5 R 25 XLTA Michelin		
Rim size		13.00 x 24		
Rear ripper with depth penetration indicator	4 teeth	4 teeth	4 teeth	4 teeth
Width	1 440 mm (4.72 - 56.7)	2 120 mm (6.95 - 83.4)	2 120 mm (6.95 - 83.4)	2 120 mm (6.95 - 83.4)
Ripping depth	260 mm (0.85 - 10.2)	285 mm (0.93 - 11.2)	375 mm (1.23 - 14.76)	260 mm (0.85 - 10.2)
Lift above ground	450 mm (1.47 - 17.7)	580 mm (1.9 - 22.8)	630 mm (2.06 - 24.8)	630 mm (2.06 - 24.8)
Weight	495 kg	522 kg	522 kg	522 kg

Dimensions in mm (ft - in)

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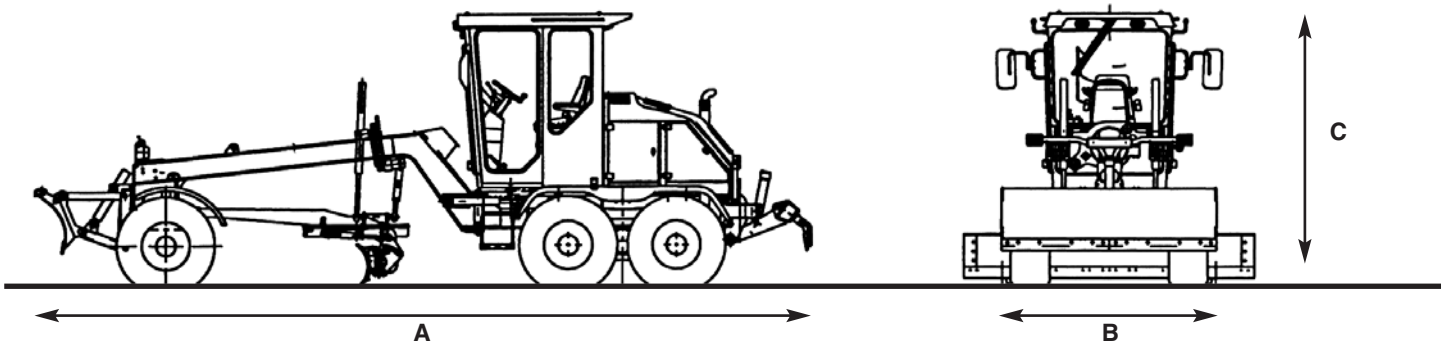
	TG110	TG150	TG190	TG210
Scarifier, between front axle and moldboard with depth penetration indicator	11 teeth	11 teeth	11 teeth	11 teeth
Width	1 400 mm (4.59 - 55.1)	1 400 mm (4.59 - 55.1)	1 400 mm (4.59 - 55.1)	1 400 mm (4.59 - 55.1)
Ripping depth	200 mm (0.65 - 7.87)	250 mm (0.82 - 9.84)	250 mm (0.82 - 9.84)	250 mm (0.82 - 9.84)
Lift above ground	260 mm (0.85 - 10.2)	410 mm (1.34 - 16.1)	410 mm (1.34 - 16.1)	410 mm (1.34 - 16.1)
Weight	610 kg	920 kg	920 kg	920 kg
Heavy-duty rear ripper, with depth indicator			6 teeth	6 teeth
Width			2 120 mm (6.95 - 83.4)	2 120 mm (6.95 - 83.4)
Ripping depth			375 mm (1.2 - 14.7)	375 mm (1.2 - 14.7)
Lift above ground			590 mm (1.9 - 23.2)	590 mm (1.9 - 23.2
Weight			1 529 kg	1 529 kg
Front dozer blade with position indicator				
Width / Height	2 490 x 765 mm (8.1 - 98) x (2.5 - 30.1)	2 490 x 703 mm (8.1 - 98) x (2.3 - 27.6)	2 490 x 780 mm (8.1 - 98) x (2.5 - 30.7)	2 490 x 780 mm (8.1 - 98) x (2.5 - 30.7)
Cut below ground	130 mm (0.42 - 5.1)	250 mm (0.82 - 9.8)	170 mm (0.5 - 6.7)	170 mm (0.5 - 6.7)
Lift above ground	585 mm (1.9 - 23)	605 mm (1.1 - 23.8)	505 mm (1.6 - 19.9)	505 mm (1.6 - 19.9)
Weight	640 kg	691 kg	865 kg	865 kg
Front dozer, articulated	✔	✔	✔	✔
Front dozer, removable	✔	✔	✔	✔
Front ballast instead of dozer blade	✔	✔	✔	✔
Mudguards on rear wheels	✔	✔	✔	✔
Mudguards on front wheels	✔	✔	✔	✔
Articulation angle indicator	✔	✔	✔	✔
Special paint	✔	✔	✔	✔
Tool kit, wheel chocks, warning triangle, fire extinguisher	✔	✔	✔	✔
Automatic blade control	✔	✔	✔	✔
Side snow plow	✔	✔	✔	✔
Windrow spreader	✔	✔	✔	✔



Dimensions in mm (ft-in)

	TG110	TG150	TG190	TG210
A	8 903 mm (29.2 - 350.5)	9 402 mm (30.8 - 370.1)	10 255 mm (33.6 - 403.7)	10 303 mm (33.8 - 405.6)
B	2 466 mm (8.1 - 97.1)	2 490 mm (8.17 - 98)	2 490 mm (8.17 - 98)	2 490 mm (8.17 - 98)
C	3 170 mm (10.4 - 124.8)	3 276 mm (10.7 - 128.98)	3 300 mm (10.8 - 129.9)	3 344 mm (10.9 - 131.7)

TEREX®

ARTICULATED TRUCKS

	Maximum payload	Heaped capacity	Engine gross power
TA25	23 mt (25 ton)	13.5 m³ (17.7 yd³)	224 kW (300 hp)
TA27	25 mt (27.5 ton)	15.5 m³ (20.3 yd³)	272 kW (365 hp)
TA30	28 mt (30.9 ton)	17.5 m³ (22.9 yd³)	287 kW (385 hp)
TA35 **NEW**	34 mt (37.5 ton)	21 m³ (27.5 yd³)	298 kW (400 hp)
TA40 **NEW**	36 mt (40 ton)	23.3 m³ (30.3 yd³)	336 kW (450 hp)

OFF-HIGHWAY RIGID FRAME TRUCKS

TR35	31.75 mt (35 ton)	19.4 m³ (25 yd³)	298 kW (400 hp)
TR45	41 mt (45 ton)	26 m³ (34 yd³)	392 kW (525 hp)
TR60	55 mt (60 ton)	35 m³ (46 yd³)	485 kW (650 hp)
TR70	62 mt (72 ton)	41.5 m³ (54.3 yd³)	567 kW (760 hp)
TR100	91 mt (100 ton)	57 m³ (74.5 yd³)	783 kW (1 050 hp)

INDUSTRIAL WHEELED LOADERS

NEW

	Engine output	Bucket capacity	Operating weight
TL360	180 kW (241 hp)	3.6 m³	22 600 kg*
TL420	211 kW (283 hp)	4.2 m³	23 200 kg*
TL450	243 kW (326 hp)	4.5 m³	24 500 kg*
TL510	290 kW (389 hp)	5.1 m³	29 500 kg*

* approx. value depending on type of tyres and special equipment

	Operating weight	Shovel	Backhoe
RH 30 F	86 t	6.3 m³	6.2 m³

RAILROAD EXCAVATORS

	Operating weight	Engine output	Maximum reach	Slewing radius
1404 ZW	16.0-21.0 t	73 kW (99 hp)	7.4 m	1 575/1 750/ 2000 mm
1604 ZW	20.5-22.5 t	98 kW (133 hp)	8.35 m	1 750/ 2000 mm

WHEELED EXCAVATORS

	Service Weight (t)	Engine Capacity	Bucket Capacity
TW1305	13.4 - 15.8	67 kW (91 hp)	0.7-1.0
TW1505	15.4 - 17.3	80 kW (109 hp)	0.7-1.1
TW1605	16.1 - 16.5	105 kW (142 hp)	0.7-1.1
TW1705	16.9 - 17.9	105 kW (142 hp)	0.7-1.1
TW1905	18.5 - 20	114 kW (155 hp)	0.76-1.3
TW2205	19.5 - 22.5	127 kW (173 hp)	0.76-1.3

MATERIAL HANDLERS

	Service Weight	Engine Output	Max. Digging Depth (m)	Max. Reach
1505MI	16.8 - 17.3	88 kW (120 hp)	2.9	10.1
1705MI	17.6 - 18.1	110 kW (150 hp)	2.9	10.1
1604MI	20.5 -22.0	115 kW (156 hp)	4.32	12.49
1704MI	24.5 - 27.5	157 kW (213 hp)	6.8	14.8
1804MI	32.0 -36.0	170 kW (231 hp)	6.6	18.2
5205MI	50.0 - 52.0	191 kW (260 hp)	10.25	20.4

CRAWLER EXCAVATORS

NEW

	Service Weight	Engine Output	Bucket Capacity
TC210LC	22.2	104 kW (141 hp)	0.43 -1.37
TC225LC	23.7	116 kW (158 hp)	0.43 -1.37
TC240LC	25.1	125 kW (170 hp)	0.48 - 1.87
TC260LC	26.6	125 kW (170 hp)	0.48 - 1.87

MOTOR GRADERS

NEW

	Operating weight	Engine Output
TG110	11 500 kg	97 kW (132 hp)
TG150	14 500 kg	120 kW (163 hp)
TG190	18 700 kg	129.6 kW (176 hp)
TG210	21 000 kg	168 kW (229 hp)

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GB02 September 2006