



TEREX®

TL210

WHEEL LOADER



Specifications

Operating weight	28,660 lbs (13,000 kg)
Engine power	160 HP (119 kW)
Bucket capacity	2.6-4.6 yd ³ (2.0-3.5 m ³)
Tipping load, straight	19,613 (8,895 kg)
Tipping load, articulated	17,397 (7,890 kg)
Operating load, articulated	8,699 lbs (3,945 kg)

Features

- ▶ Excellent all-round visibility
- ▶ Steel cab with perfectly designed operator's stand
- ▶ Easy service accessibility for minimized downtime
- ▶ Ergonomically designed controls for fatigue-free operation
- ▶ Self-locking differentials provide optimum traction
- ▶ Loader frame with TSP kinematics
- ▶ Fuel efficient Cummins turbocharged diesel engine
- ▶ Fully automatic VarioPower transmission for smooth acceleration up to 25 mph (40 kph)

WORKS FOR YOU.™

SPECIFICATIONS

OPERATING DATA, STANDARD EQUIPMENT

Operating weight (SAE J 1197)	28,660 lbs (13,000 kg)
Tipping load, straight at full reach, direct mounting / QAS	19,613 / 18,796 lbs (8,895 / 8,526 kg)
Tipping load, articulated at full reach, direct mounting / QAS	17,397 / 16,662 lbs (7,890 / 7,558 kg)
Operating Load, fully articulated	8,699 lbs (3,945 kg)
Total length, bucket on ground	23' 3" (7,095 mm)
Total width	8' 2" (2,500 mm)
Turning radius at outside bucket edge	19' 7" (5,970 mm)
Wheelbase	10' 2" (3,100 mm)
Total height (top of cab)	10' 8" (3,260 mm)

ENGINE

Manufacturer, model	Cummins, QSB 6.7
Type	6-cylinder turbocharged diesel engine, COM III/EPA III
Combustion	4-stroke cycle, Common Rail injection
Displacement	409 in³ (6,700 cm³)
Net power rating at 2,200 rpm (SAE J 1349)	160 hp (119 kW)
Cooling system	Water

ELECTRICAL SYSTEM

Nominal voltage	24 V
Battery	2 x 12 V / 105 Ah / 760 A

POWER TRANSMISSION

Hydrostatic drive, closed circuit, independent from loader hydraulics. Perfected driving automatics, automatic adjustment of drawbar pull and speed. Hydraulic motor power shift providing two speed ranges. Infinitely variable speed control forward and reverse. 4-wheel drive from reduction gear on rear axle via cardan shaft to front axle. Brake inching pedal.

2 gears:	
"Low"	0-3.7 mph (0-6 kph)
"High"	0-25 mph (0-40 kph)
Drawbar pull	23,625 lbs (10,500 daN)

AXLES

Front: Rigid planetary final drive axle. Limited slip-type differential 45%.	
Rear: Oscillating (with cushioning) planetary final drive axle, with integrated reduction gear. Limited slip-type differential 45%. Axle weights, 1,100 lbs (500 kg), standard.	
Angle of oscillation	±12°

TIRES

Standard	20.5 R25 WJT Bridgestone
Optional tires available, see options section	

BRAKES

Service brake:	Hydraulically actuated two-circuit power brake system. Oil-immersed multi-disc brakes in both axles, acting on all 4 wheels via 4-wheel drive.
Auxiliary brake:	Hydrostatic drive provides dynamic braking.
Parking brake:	Spring-loaded brake acting on the discs of the rear axle.

STEERING

Articulated, 2 steering cylinders with final positioning damping on both sides, fully hydraulic through Load-Sensing priority valve, quick and easy steering even at engine idle-running speed.	
Total steering angle	80°

FLUID CAPACITIES

Fuel tank	63 gal (240 l)
Hydraulic system (incl. tank)	35.6 gal (135 l)



HYDRAULIC SYSTEM

Max. pump capacity	42.3 gpm (160 l/min)
Max. working pressure	3,915 psi (270 bar)
Control unit: Proportional LUDV hydraulic valve with 3 control circuits. Simultaneous, independent control of all movements. Single, four-way control lever (multi-function lever) for 1 tilt and 2 lift cylinders with integrated travel direction selector switch and switch for additional control circuit. Control circuits "Lift / Lower", "Dump / Tilt-back" pilot-operated. Float position in control circuit "Lowering", electro-hydraulically operated. Electrically operated valve for additional control circuit provided as standard.	

LOADER FRAME

Loader frame with TSP-linkage, attachments directly mounted.	
General-purpose bucket (SAE J 742)	2.75 yd³ (2.10 m³)
Lift capacity at ground level (SAE J 732)	27,740 lbf (123,400 N)
Breakout force at bucket edge (SAE J 732)	23,830 lbf (106,000 N)

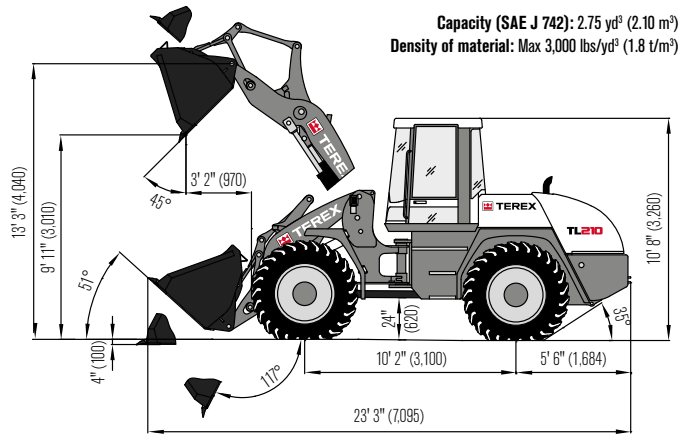
FORK LIFT ATTACHMENT

Operating load (SAE J 1197), over the total lift and steering range	7,937 lbs (3,600 kg)*
Operating load in transport position, above ground level, total steering range	11,023 lbs (5,000 kg)*
Width of fork carrier	6' 3" (1,900 mm)
Length pallet forks 5.9" x 2.4" (150 mm x 60 mm)	3' 8" (1,200 mm)
Stability factor on level and solid ground	2
Load center from fork attachment point	22" (560 mm)

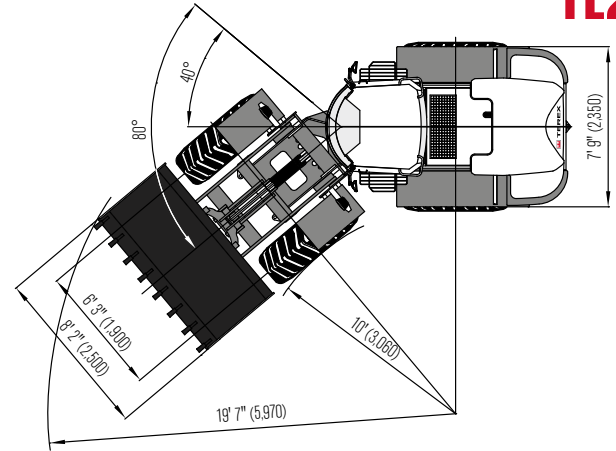
CAB

Rubber-mounted full-vision steel cab, ROPS (SAE J 1040) and FOPS (SAE J 231) certified.
Cab features two doors, level entry to cab and easy-to-clean floor.
Electric windshield intermittent wipers and washer (front and rear), tinted panoramic safety glass, sliding window on left-hand side.
Operator's seat MSG85 (standard version) with hydraulic cushioning and lap belt, weight-adjustable, in compliance with ISO 7096 and ISO 6683.
Cab heating with 3-setting heater fan (choice fresh air/recirculating air) and windshield defroster (front and rear).
Automatic climate control.
Steering wheel with height and tilt adjustment.
2 front and 2 rear working floodlights.
Sound level values in compliance with EC-directives.
*With rear axle weights

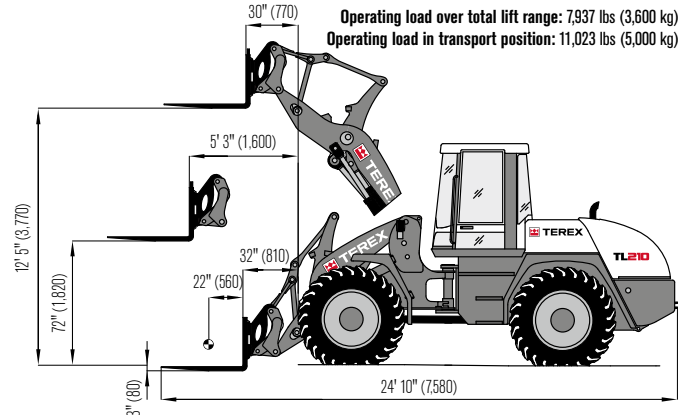
DIMENSIONS GENERAL-PURPOSE BUCKET



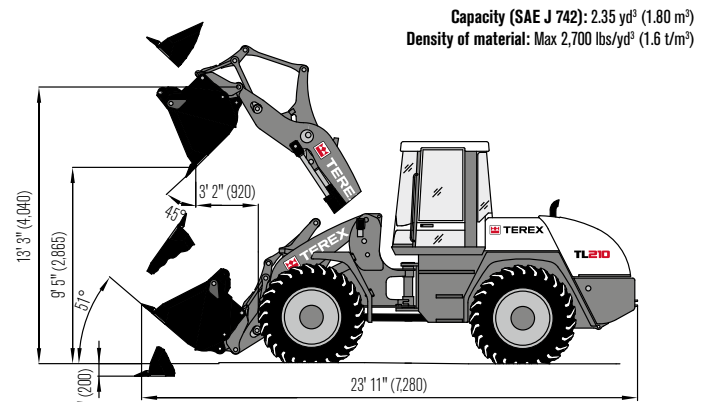
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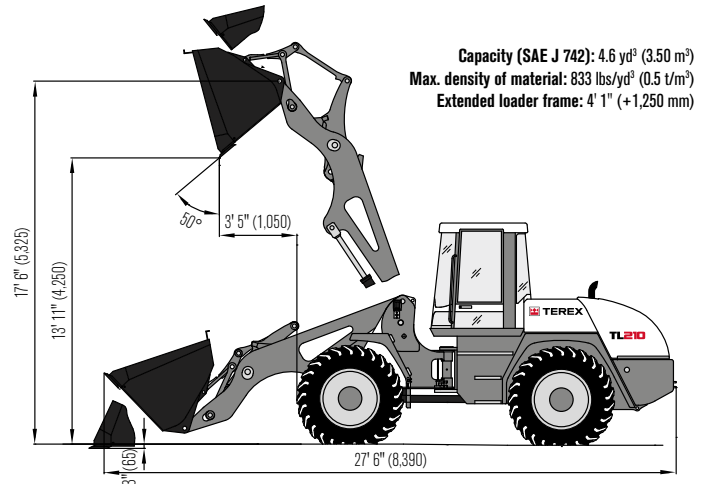
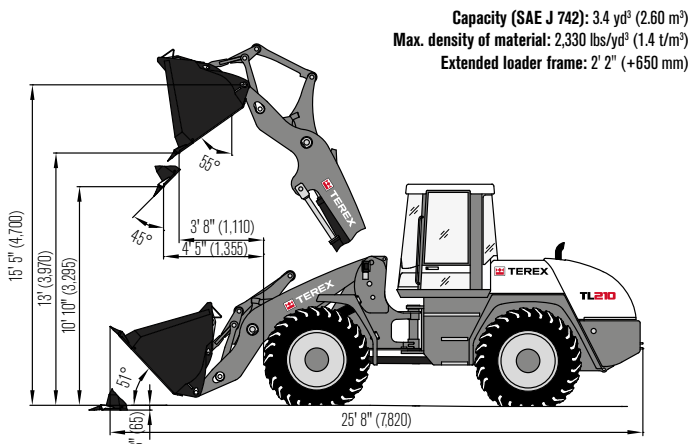
FORK LIFT ATTACHMENT



MULTI-PURPOSE BUCKET



EXTENDED LOADER FRAME



BUCKET TYPE

General-purpose bucket, quick-attach system (QAS), teeth
General-purpose bucket, QAS, bolt-on cutting edge
General-purpose bucket, directly mounted
General-purpose bucket, directly mounted, bolt-on cutting edge
Earth bucket, QAS, teeth
Earth bucket, QAS, bolt-on cutting edge
Light-material bucket, QAS, bolt-on cutting edge
Light-material bucket, directly mounted, bolt-on cutting edge
Multi-purpose bucket, QAS
High-tip bucket, QAS, without teeth

Capacity

2.6 yd³ (2.00 m³)
2.6 yd³ (2.00 m³)
2.75 yd³ (2.10 m³)
2.75 yd³ (2.10 m³)
2.88 yd³ (2.20 m³)
2.88 yd³ (2.20 m³)
3.66 yd³ (2.80 m³)
4.6 yd³ (3.50 m³)
2.35 yd³ (1.80 m³)
2.6 yd³ (2.00 m³)

Density

3,000 lbs/yd³ (1.8 t/m³)
3,000 lbs/yd³ (1.8 t/m³)
3,000 lbs/yd³ (1.8 t/m³)
3,000 lbs/yd³ (1.8 t/m³)
2,700 lbs/yd³ (1.6 t/m³)
2,700 lbs/yd³ (1.6 t/m³)
2,000 lbs/yd³ (1.2 t/m³)
1,333 lbs/yd³ (0.8 t/m³)
2,700 lbs/yd³ (1.6 t/m³)
2,000 lbs/yd³ (1.2 t/m³)

Width

8' 2" (2,500 mm)
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Dump height

9' 9" (2,980 mm)
9' 8" (2,940 mm)
9' 11" (3,010 mm)
9' 8" (2,940 mm)
9' 8" (2,940 mm)
9' 6" (2,890 mm)
9' 0" (2,750 mm)
8' 9" (2,670 mm)
9' 5" (2,865 mm)
14' 7" (4,450 mm)

EXAMPLES OF MATERIAL DENSITIES

Earth (top soil):

2,550 lbs/yd³ (1,512 kg/m³)

Earth (dry):

2,650 lbs/yd³ (1,572 kg/m³)

Earth (moist), clay with gravel (dry):

3,000 lbs/yd³ (1,780 kg/m³)

Earth (compacted), gravel (dry):

3,000 lbs/yd³ (1,780 kg/m³)

Clay (dry), clay & gravel (wet), earth with sand & gravel:

3,100 lbs/yd³ (1,839 kg/m³)

Gravel (sandy), gravel (wet):

3,700 lbs/yd³ (2,195 kg/m³)

Clay (natural bed), clay (wet)

3,500 lbs/yd³ (2,077 kg/m³)

OPTIONAL EQUIPMENT

TIRES

20.5 R 25 XHA2 L3 Michelin
20.5 R 25 XLDD 2A Michelin
20.5 R 25 XMine D2 L5 Michelin
750/65 R 26 MEGAXBIB Michelin
20.5 R 25 VMT L3 Bridgestone
20.5 R 25 VSDL L5 Bridgestone
650/65 R 25 VTS Bridgestone
620/70 R 28 DT824 Goodyear
620/75 R 26 DT824 Goodyear
750/55 R 26 DT830 Goodyear
750/65 R 26 DT820 Goodyear
650/65 R 25 GP-3D Goodyear
Non-standard tires available on request

FRONT ATTACHMENTS

General-purpose bucket*	2.75 yd ³ (2.10 m ³)
Earth bucket*	2.88 yd ³ (2.20 m ³)
Light-material bucket*	3.66 yd ³ (2.80 m ³)
Light-material bucket*	4.6 yd ³ (3.50 m ³)
High-tip bucket*	2.6 yd ³ (2.00 m ³)
Side-dump bucket	2.35 yd ³ (1.80 m ³)
Multi-purpose bucket*	2.35 yd ³ (1.80 m ³)

Front ripper with 4 prongs

Fork lift attachment with forks: Carrier: 75" (1,900 mm) wide

Forks: 3' 8" (1,200 mm) long, 5.9" (150 mm) wide, 2.4" (60 mm) tall

Load hook, attachable on fork arms

Load hook integrated in quick-attach system

Crane jib with rigid arm

Crane jib, telescopic (mechanical)

Sweeper, snow blade

Bucket teeth

Cutting edges for buckets

*optionally with bolt-on cutting edge

ENGINE

Diesel particle filter	Catalyst
Preheater for cooling water, 230 V	Cyclone prefilter
Alternative fuels available on request.	

DRIVER'S STAND

Operator's seat MSG 85 (comfort version), hydraulic damping, extra-high backrest, weight-adjustable, lap belt

Air-cushioned operator's seat MSG 95 (premium version) with orthopedic lumbar support, extra-high backrest, adjustable armrests, headrest, seat and backrest heating

HYDRAULIC SYSTEM

Open return	4th control circuit, proportional
Filling with biodegradable hydraulic oil, ester-based, BIO-E-HYD-HEES	

CAB

Right-hand door with sliding window	Dust protection system
Working floodlights system Xenon	Independent diesel heating with timer
Yellow beacon	Anti-theft device (immobilizer)
Pressurized cab system	

OTHER OPTIONAL EQUIPMENT

Electrical tank refilling pump	Special creep versions available on request
Pilot-controlled hose-rupture valves for lift and tilt cylinders	Dynamic scales, with printer
Back-up alarm for reverse travel	Ride control system
Central lubrication system	Battery disconnecter
Manual throttle, transmission deactivated	Protection for cardan shaft
Versa-Steer steering system	Guard for front window
Automatic bucket return positioner	Guard for front lights
Automatic bucket return positioner incl. lift height limitation	Guard for rear lights
Extended loader frame 2' 2" / 4' 1" (+650 mm / +1250 mm)	Axles with extended distance over hubs
Further optional equipment available on request	

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Effective Date: February 2011. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks, or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. © 2011 Terex Corporation.

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