



TEREX®

TL100

WHEEL LOADER



Specifications

Operating weight	5700 kg
Engine Output	54 kW (74 HP)
Bucket Capacity	1.0-1.55 m ³
Tipping load, straight	4400 kg
Tipping load, articulated	3900 kg

Features

- ▶ Excellent operator visibility
- ▶ Great working environment
- ▶ Minimum downtime
- ▶ Customised controls
- ▶ Improved stopping control
- ▶ Perfect balance

OSLOLIFTUTLEIE.NO

SPECIFICATIONS

ENGINE

Manufacturer, model	Deutz, TD 2011 L04 W
Type	4-cylinder turbocharged diesel engine, EC phase III A, EPA Interim Tier 4
Combustion	4-stroke cycle, direct fuel injection
Displacement	3,620 cm ³
Net power rating at 2,200 rpm (ISO 9249)	54 kW (74 HP)
Cooling system	Water

ELECTRICAL SYSTEM

Nominal voltage	12 V
-----------------	------

Lighting system in compliance with German and European standards.

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 speed ranges:

"Low"	0-6 kph
"High"	0-20 kph

4 speed ranges (high-speed version optional):

"Low"	0-6 / 0-18 kph
"High"	0-12 / 0-36 kph

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%.

Angle of oscillation	±12°
----------------------	------

TIRES

Standard	405/70 R 20 SPT 9 Dunlop
----------	--------------------------

BRAKES

Service brake:	Hydraulically actuated center-mounted disc brake, acting on all 4 wheels via 4-wheel drive
Auxiliary brake:	Hydrostatic drive provides dynamic braking
Parking brake:	Mechanically actuated center-mounted disc brake on front 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	110 l
Hydraulic system (incl. tank)	88 l

OPERATING DATA, STANDARD EQUIPMENT

Operating weight (ISO 6016)	5,700 kg
Tipping load, straight, arms horizontal (ISO 14397-1)	4,400 kg.
Tipping load, straight, arms horizontal (ISO 14397-1)	3,900 kg.
Total length, bucket on ground	5,270 mm
Total width	1,950 mm
Turning radius at outside bucket edge	4,445 mm
Wheelbase	2,220 mm
Total height (top of cab)	2,765 mm



HYDRAULIC SYSTEM

Max. pump capacity	76 l/min
Max. working pressure	250 bar

Control unit: Proportional hydraulic valve with 3 control circuits and high-speed control for tilting. Simultaneous, independent control of all movements. Single, four-way control lever (multi-function lever) for 1 tilt and 1 lift cylinder with integrated travel direction selector switch and switch for additional control circuit. Float position in control circuit "Lowering", electro-hydraulically operated. Additional control circuit including quick couplers and continuous operation function provided as standard.

LOADER FRAME

Loader installation featuring true parallel linkage and integrated mechanical (optionally hydraulic) quick-attach system.

General-purpose bucket (ISO 7546)	1.00 m ³
Lift capacity at ground level (ISO 14397-2)	61,000 N
Breakout force at bucket edge (ISO 14397-2)	55,000 N

FORK LIFT ATTACHMENT

Payload over the total lift and steering range	2,400 (2,600*) kg
Payload in transport position, approx. 300 mm above ground level, total steering range	3,200* kg
Width of fork carrier	1,240 mm
Length pallet forks (100x45 mm)	1,100 mm
Stability factor	1.25

Payload determined on level ground = 80 % of tipping load, articulated

CAB

Rubber-mounted full-vision steel cab, ROPS (acc. to ISO 3471) and FOPS** (acc. to ISO 3449) certified. Cab featuring two doors, electric windshield intermittent wipers and washer (front and rear), tinted panoramic safety glass, sliding window on left-hand side.

Driver's seat with hydraulic cushioning and lap belt, weight-adjustable, in compliance with ISO 7096 and ISO 6683.

Cab heating with 3-speed heater fan (choice fresh air/recirculating air) and windshield defroster, front and rear.

Air conditioning and radio pre-installation.

Height- and tilt-adjustable steering wheel.

2 working floodlights, front.

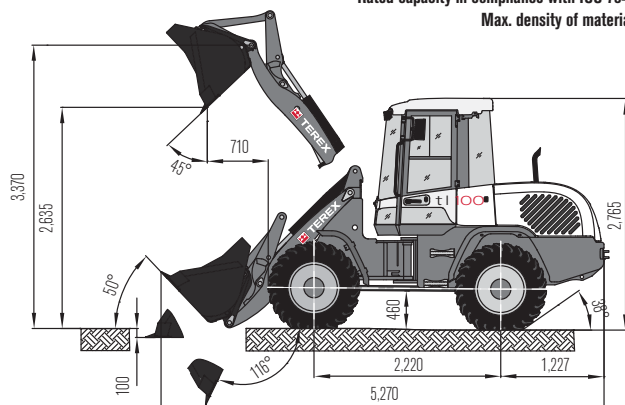
Sound level values in compliance with EC-directives.

*With rear axle weights

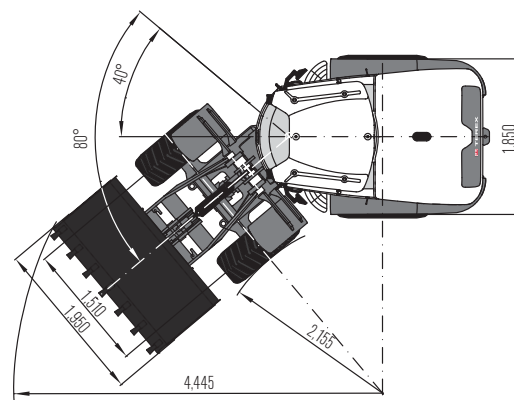
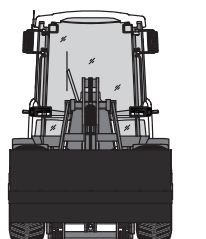
**FOPS-compliant only with protective roof grate (optional)

DIMENSIONS: GENERAL-PURPOSE BUCKET

Rated capacity in compliance with ISO 7546: 1.00 m³
Max. density of material: 1.8 t/m³

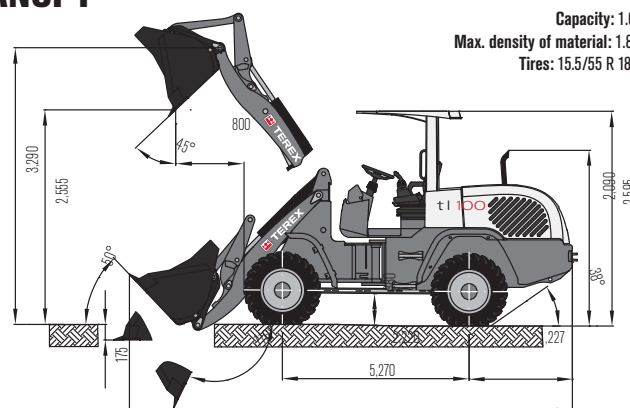


FRONT VIEW



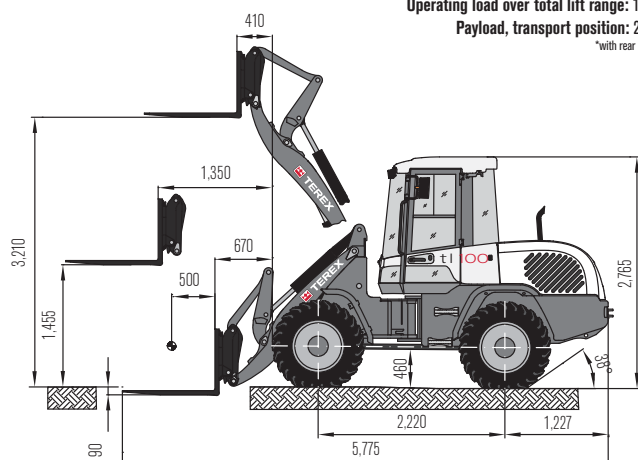
CANOPY

Capacity: 1.00 m³
Max. density of material: 1.8 t/m³
Tires: 15.5/55 R 18 MPT



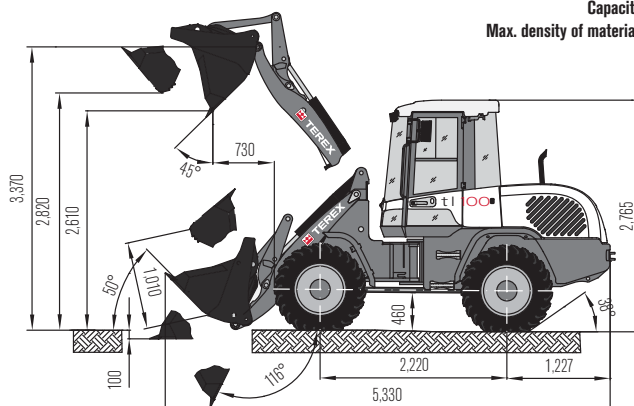
FORK LIFT ATTACHMENT

Operating load over total lift range: 1,586 kg*
Payload, transport position: 2,000 kg*
*with rear axle weights



MULTI-PURPOSE BUCKET

Capacity: 0.90 m³
Max. density of material: 1.6 t/m³



BUCKET TYPE

Bucket Type	Capacity	Density	Width	Dump height
General-purpose bucket, quick-attach system (QAS), teeth	1.00 m ³	1.8 t/m ³	1,950 mm	2,635 mm
General-purpose bucket, QAS, bolt-on cutting edge	1.00 m ³	1.8 t/m ³	1,950 mm	2,595 mm
Earth bucket, QAS, teeth	1.10 m ³	1.6 t/m ³	1,950 mm	2,585 mm
Earth bucket, QAS, bolt-on cutting edge	1.10 m ³	1.6 t/m ³	1,950 mm	2,545 mm
Light-material bucket, QAS, bolt-on cutting edge	1.35 m ³	1.2 t/m ³	2,050 mm	2,510 mm
Light-material bucket, QAS, bolt-on cutting edge	1.55 m ³	0.8 t/m ³	2,200 mm	2,485 mm
Multi-purpose bucket, QAS	0.90 m ³	1.6 t/m ³	1,950 mm	2,610 mm
Side-dump bucket, QAS, without teeth	0.85 m ³	1.8 t/m ³	2,050 mm	2,515 mm
High-tip bucket, QAS, without teeth	1.00 m ³	1.2 t/m ³	2,050 mm	3,835 mm
Quarry bucket, QAS	0.90 m ³	1.8 t/m ³	2,050 mm	2,610 mm
Loading bucket with 4 prongs	1.05 m ³	1.8 t/m ³	2,050 mm	2,625 mm

EXAMPLES OF MATERIAL DENSITIES

Granite, Basalt, Sand (damp), Gravel (damp), Slate:	1.8 - 2.2 t/m ³	Topsoil, Clay, Mineral coal:	1.1 - 1.6 t/m ³
Sandstone, Gypsum, Limestone, Soil (damp), Sand (dry), Gravel (dry):	1.5 - 1.8 t/m ³	Wood chips (dry), Compost, Coke:	0.2 - 1.0 t/m ³

OPTIONAL EQUIPMENT

TIRES

405/70 R 20 EM 01 Mitas
400/70 R 20 IT530 Goodyear
380/75 R 20 XMCL Michelin
405/70 R 20 MPT E-70 Conti
405/70 R 20 PG75RCL Dunlop
500/45-20 J331 Breitreifen
Non-standard tires available on request

FRONT ATTACHMENTS

General-purpose bucket*	1.00 m ³
Earth bucket*	1.10 m ³
Light-material bucket*	1.35 m ³
Light-material bucket*	1.55 m ³
Side-dump bucket*	0.85 m ³
High-tip bucket*	1.00 m ³
Multi-purpose bucket*	0.90 m ³
Quarry bucket	0.90 m ³
Compost bucket	1.05 m ³
Front ripper with 4 prongs	
Fork lift attachment with forks	
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	
*optionally with bolt-on cutting edge	

DRIVER'S STAND

Air-cushioned driver's comfort seat with orthopedic lumbar support and adjustable armrests and headrest

ENGINE

Diesel exhaust cleaner	Catalyst
------------------------	----------

HYDRAULIC SYSTEM

Open return	4 th control circuit, proportional
Hydraulic outlet for front hand-held hammer	4 th control circuit, electrical
„High flow“ hydraulics, 120 l/min, 175 bar	

CAB

FOPS-skylight guard	Pressurized cabin
Right-hand door with sliding window	Independent diesel heating with timer
Working floodlight, rear	Air conditioning
Yellow beacon	

OTHER OPTIONAL EQUIPMENT

High-speed version 36 km/h	Anti-teft device (immobilizer)
Filling with biodegradable hydraulic oil, ester-based, BIO-E-HYD-HEES	Special creep versions available on request
Electrical tank refilling pump	Rear axle weights
Pilot-controlled hose-rupture valves for lift and tilt cylinders	Quick couplers (flat face) for 3 rd control circuit on lift frame
Back-up alarm for reverse travel	Ride control system
Central lubrication system	Battery disconnecter
Manual throttle, transmission deactivated	
Further optimal equipment available on request	

www.terex.com

Effective Date: 2011, february. 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. © 2010 Terex Corporation.

Ref.-No.: TERE570UK

Terex Compact
Schaeffstr. 8, D-74595 Langenburg
Tel: +49 (0)7905 / 58-0 Fax : +49 (0)7905 / 58114
Email: info@terex-schaeff.com www.terex.de



WORKS FOR YOU.™