

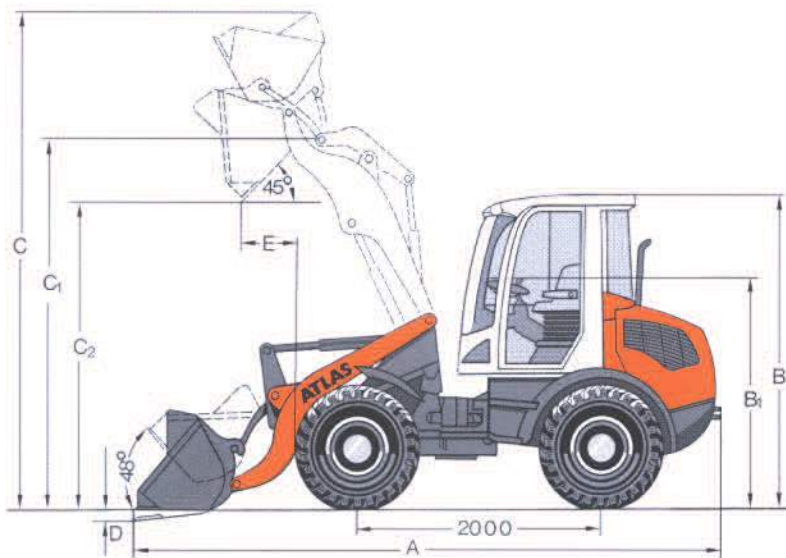
ATLAS 65

Schaufeln 0,8 - 1,3 m³
43,5 kW (59 PS)
„Blauer Engel“ - weil lärmarm

Shovels 0.8 - 1.3 m³
43.5 kW (59 hp)
Environment symbol
for low noise level

Godets 0,8 - 1,3 m³
43,5 kW (59 CV)
Symbol écologique
car silencieux





Technische Angaben mit Standardschaufel

Reifen: 12.5 - 20

Technical data with standard shovel

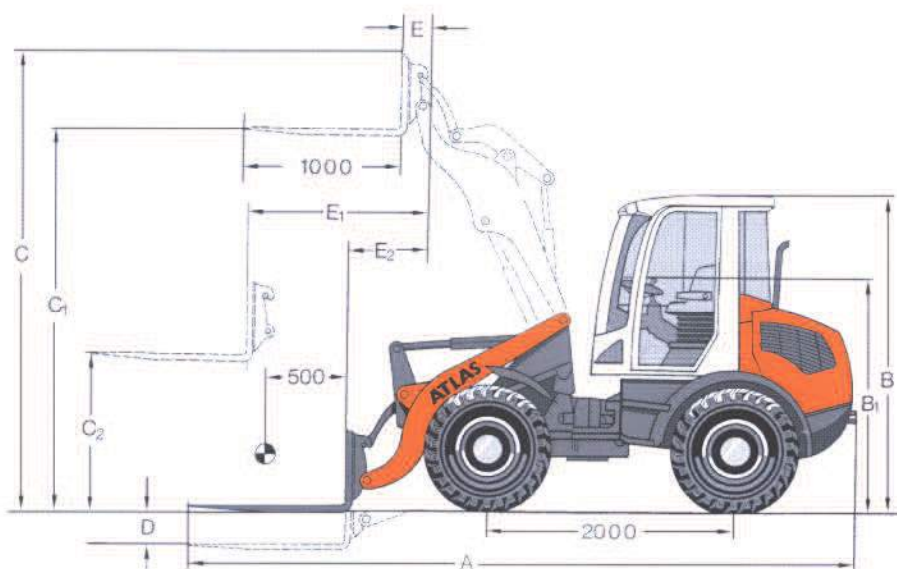
Tyres: 12.5 - 20

Caractéristiques techniques avec pelle standard

Pneus: 12.5 - 20

A	5319
B	2620
B ₁	1890
C	3963
C ₁	3164
C ₂	2502
D	80
E	623

Angaben in mm
Dimensions in mm
Données en mm



Technische Angaben mit Palettengabel

Gabelträgerbreite: 1,03 m

Technical data with pallet forks

Fork carrier width: 1,03 m

Caractéristiques techniques avec fourche à palettes

Largeur du porte fourche: 1,03 m

A	5635
B	2620
B ₁	1890
C	3571
C ₁	2980
C ₂	1353
D	60
E	412
E ₁	1171

Angaben in mm
Dimensions in mm
Données en mm

Statische Kipplast geknickt:	2388 kg
Hubkraft (bei 500 mm Lastschwerpunktstand:	2832 daN
Nutzlast Standsicherheit 1,25 zum Verfahren von Lasten in ebenem Gelände (DIN 24094):	1910 kg
Nutzlast Standsicherheit 1,67 zum Verfahren von Lasten in unebenem Gelände (DIN 24094):	1430 kg

Achtung:

Das Verfahren von Lasten darf grundsätzlich nur in Bodennähe erfolgen.
Nur ATLAS-Palettengabel einsetzen!

Static tipping load (fully articulated):	2388 kg
Lifting capacity (at 500 mm from load's centre of gravity):	2832 daN
Payload at stability factor 1.25 for travel on level terrain (DIN 24094):	1910 kg
Payload at stability factor 1.67 for travel on uneven terrain (DIN 24094):	1430 kg

Important:

Travel with load only permitted if load is carried close to the ground.
Use ATLAS pallet forks only!

*= Stability complies with DIN 24094
Dimensions and data for version with standard equipment.

The dimensions quotes are not binding.
Subjects to design modifications.
Illustrations do not necessarily depict versions with standard equipment.

Charge de basculement statique (fléchi):	2388 kg
Puissance de levage (à un écart du centre de gravité de charge de 500 mm):	2832 daN
Charge utile stabilité statique 1,25 pour déplacement sur terrain plan (DIN 24094):	1910 kg
Charge utile stabilité statique 1,67 pour déplacement sur terrain accidenté (DIN 24094):	1430 kg

Attention:

Le déplacement de charges ne doit se produire systématiquement qu'à proximité du sol. N'utiliser que des fourches à palettes ATLAS!

*= Stabilité statique correspond à la DIN 24094
Dimensions et caractéristiques en modèle standard.

Données sans engagement.
Sous réserve de modifications de construction. Les représentations figuratives ne correspondent pas forcément à l'équipement standard.

*= Standsicherheit entspricht DIN 24094
Maße und Daten in Standardausführung.

Angaben unverbindlich.
Konstruktionsänderung vorbehalten.
Bildliche Darstellungen müssen nicht der Standardausrüstung entsprechen.



ATLAS 65

Engine

Make: Deutz diesel engine, EURO I emission reduced, oil/air cooled
Type: BF4L 1011 FT turbocharged
Output: set to 43.5 kW (59HP)
at 2300 min⁻¹ engine speed

No. of

cylinders: 4, in-line
Displacement: 2.732 l
Dry-type air cleaner with electric display

Drive

Hydrostatic drive with automotive control, variable-speed travel motor, can be engaged under load.
Output-regulated, hydraulically-controlled travel piston type pump. Load limit control. Pressure cut-off. All-wheel drive. Continuously variable speed control.
Operating speed range: 0 - 8.5 km/h
Road speed range: 0 - 20 km/h

Running Gear

Centre-pivot steering, $\pm 12^\circ$ angular movement at rear of vehicle.
Rigid axles with planetary reduction gears in wheel hubs.
100% differential lock at front and rear axles, electrically operated.

Brakes

1. Low-wear service brake operated by inching pedal, acting on all four wheels via hydrostatic transmission.
2. Multi-disc brakes running in oil bath, operated by brake/inching pedal.
3. Parking brake as spring-loaded brake, hydraulically operated, automatic function by switching off the engine.

Tyres

Low-pressure tyres 12.5 - 20 MPT
As an optional extra: 405 / 70 R 20
405 / 70 R 18
Special tyres on request.

Steering

Fully hydraulic centre-pivot steering.
Front and rear wheels follow the same track. Steering angle 40° to each side.
Turning circle measured from outer shovel edge: 4010 mm.
Optimised emergency steering function by chamber cut-off, with halved emergency steering forces.

Loading Equipment

Solid shovel frame.
Z-pattern kinematics for high tearout force, fast tipping. Parallel action, automatic shovel return to excavating position.
Shovel position indicator.
Joystick with hydraulic pilot control for easy handling. Float position.
3rd control circuit.
Locking device according to German StVZO for road travel. Automatic centerring.

Hydraulic System

Axial piston type pump for loading and steering hydraulics and priority valve integrated in travel piston type pump, two double-acting lifting and one double-acting tipping ram. Operating pressure: 250 bar.
Lowering brake, independent of load. All functions protected by secondary valves.
Operating pressure of steering hydraulics: 175 bar.
Preferential steering valve.
Delivery of axial piston pump: 57.5 l/min.

Electrical System

Operating voltage 12 Volt
Battery 1 x 12 Volt / 100 Ah
Alternator 14 V / 60 A
Starter 2.2 kW / 12 V

Standard Equipment

ATLAS - Multi-purpose - Anti-theft-lock, 1-key-system (ignition, cabin, engine cover)
Comfortable cab with optimised serial equipment, easy access from both sides.
Heat protection glazing with large tinted windows. Front and rear windows, convexed, with large wiper area.
Parallel wipers in front with interval and limit position, in rear with limit position.
Windscreen washing units in front and rear, with separate control systems.

Ceiling lamp, sun visor, coat hook, stow facility, bottle holder.
Rear-view mirrors on both sides. One rearview mirror inside cab. Electric fuel indicator. Adjustable driver's seat with safety belt, Right arm-rest for individual positioning as console with integrated hydraulic pilot control and Joystick.
Joystick with operation for 1st/2nd gear, forward / reverse travel and differential lock.
Front windscreen heater and ventilation output variable, rear window ventilation.
Engine oil heating with heat exchanger and 2-stage fan, heat output variable.
Fresh air and recirculated air are drawn in through special fleece filter, 100% filtered.
Steering wheel with steering column and dashboard adjustable vertically by foot pedal.
Central dashboard with display equipped for indication of several functions and automatic dimming of dashboard lights.
CAN - Bus for digital data transfer.
Rapid change-over system, hydraulically operated.
3rd section,
Back-up lights. Front working lights.
Screwed on towing device.
Approved in accordance with German road traffic regulations (StVZO) and by employers liability insurance association for the civil engineering sector (TBG)

Attachments

Pallet forks, 4-in-1 shovel, shovel for light materials, road sweeper, side tipping shovel and other attachments.

Operating Data

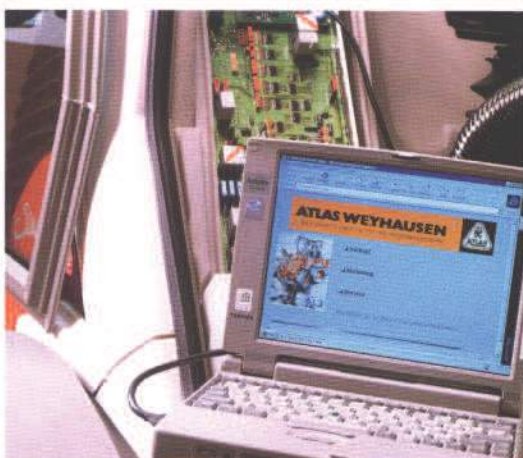
Shovel capacity to SAE	0.8 m ³
Shovel width:	1970 mm
Track width:	1485 mm
Loader width:	1850 mm
Tearout force:	5160 daN
Torque:	3760 daN
Tipping load straight:	3740 kg
Tipping load, fully articulated:	3280 kg
Lifting capacity at ground level:	4590 daN
Service weight:	4480 kg



Filterte Frischluft. Hydraulisch vorgesteuerter

Joystick with

Joystick avec commande pilot
et combiné avec un système antivol



Service

ADS ist eine Hilfe für den Service. Via CAN-Bus und Laptop zeigt es dem Mechaniker an: Drücke Einstelldaten, gespeicherte Fehlermeldungen und vorausgegangene Betriebszustände.

Maintenance

ADS ist hilfreich für die Wartung. CAN-Bus und Laptop informieren über: Drücke Einstelldaten, gespeicherte Fehlermeldungen und vorausgegangene Betriebszustände.

Maintenance

ADS est utile pour le service. CAN-Bus et ordinateur portable informent sur: pressions, données réglées, annonces des fautes mémorisées et les états du chargeur précédents.



Nickpendelgelenk

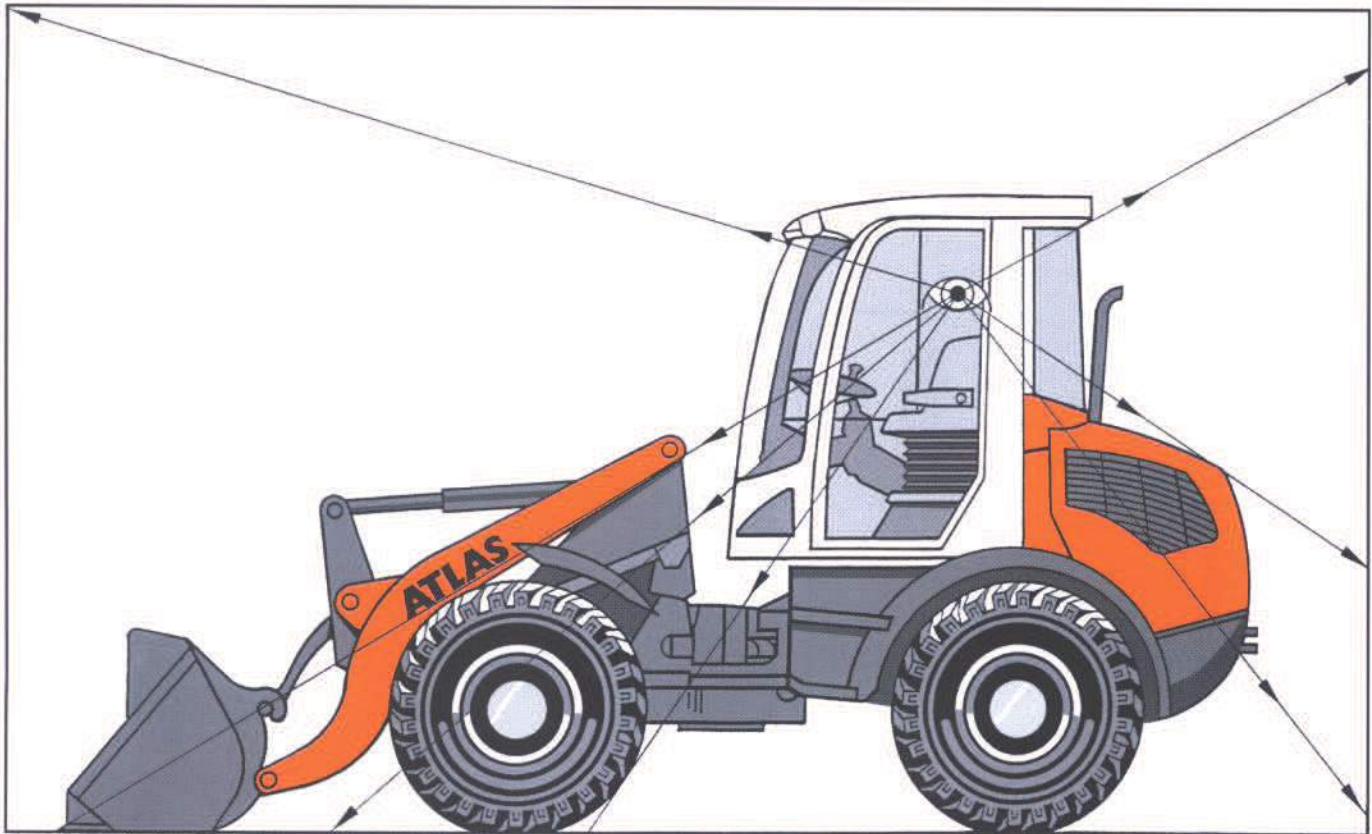
Gute Geländegängigkeit, hohe Nutzlasten durch tief liegenden Schwerpunkt.

Centre-pivot steering

Low centre of gravity for good off-the-road manoeuvrability and high payloads.

Articulation pendulaire

Bonne aptitude tous-terrains, charge utiles élevées grâce au centre de gravité bas.



Übersichtlichkeit

Der Fahrer hat hervorragende Sicht auf das Arbeitswerkzeug und auf alle Punkte vor, neben und hinter dem Radlader. Die exzellente Rundumsicht ist ein ATLAS - typisches Sicherheitsmerkmal

Overall View

The operator has an outstanding visibility to the attachment and also to all directions of the loader. The excellent allround view is an ATLAS - characteristic safety feature.

Visibilité

Le conducteur a une visibilité remarquable sur l'équipement est aux tous points devant, derrière et à côté de la chargeuse. La vue d'ensemble excellente est un signe de sécurité typiquement ATLAS.

Auswahldiagramm für Schaufeln
Diagram for shovel selection
Diagramme pour la sélection des godets

