

ATLAS Teamwork: ATLAS Teamwork:

AGT



**Powerful
and
amazingly
versatile:
the AGT**

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Technical data without engagement. Subject to change without notice.

ATLAS Weyhausen GmbH
Maschinenfabrik
Visbeker Straße 35
D-27793 Wildeshausen
Telephone +49 (0)44 31/981-0
Fax +49 (0)44 31/981-225
www.radlader.com

ATLAS
WEYHAUSEN

- Wheel loader and tractive platform for high-performance attachments – combined in a single machine
- Operating weight: 4900 kg
- Power: 59.3 kW

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Technical data AGT

Engine

Model: Deutz diesel engine TD 2011 LO4i
 Type: oil-/air-cooled
 Power: 59.3 kW (81 HP) at 2600 min⁻¹
 Stroke: 3243 cm³
 Cylinders: 4 in line

Drive

- Hydrostatic drive with pressure limitation and closed circuit, affecting all 4 wheels
- Approved travel speeds for standard tires
 Working gear: 0 – 6.5 km/h
 Road gear: 0 – 20 km/h
 High-speed version (option) 40 km/h
- 1st and 2nd hydraulic gear shiftable under load, forward/backward travel shiftable under load
- Fine-tuning of control by means of the accelerator pedal and a separate inching pedal in order to ensure an ideal distribution of the hydraulic forces to the shearing and lifting forces

Axles

Rigid axles with planetary reduction gear in the wheel hubs, electrically activated part-time 100% differential lock in front and rear axles.

Brakes

Service brake: Multiple disc brake in oil bath, affecting all 4 wheels. Additional braking function via inching pedal and hydrostatic drive.

Parking brake: Negative brake, spring-loaded, affecting all 4 wheels.

Steering System

- Fully hydraulic center pivot steering
- Steering angle on both sides 40 degrees
- Pivoting angle +/- 12 degrees at the rear end

Hydraulic system

- Working hydraulics: gear pump for loading and steering hydraulics
- 3rd section equipped as standard
- Operating pressure: 265 bar
 Capacity (discharge flow): 60 l/min
- Optional Pt.o. shaft (rear): closed circuit, hydrostatically operated, nominal rotation speed: 540 min⁻¹, hydraulically adjustable 3-point rear adapter (category II)
- Optional High-Flow hydraulics at the lifting unit, Operating pressure: 210 bar, capacity (discharge flow): 120 l/min

Loading equipment

- Powerful and solid Z-kinematics with high tear-out force
- Hydraulic quick release coupler
- Bucket automatically moves back to idle position

Tires

12.5 – 20 MPT: Multi-purpose tires for sand and gravel, forest soil, roads and paths. Further tire types available on request

Operating data

Bucket capacity SAE:	0,8 m ³
Track width:	1510 mm
Turning radius outer edge of bucket:	4164 mm
Tear-out force:	5160 daN
Shearing force:	4150 daN
Tipping load – extended:	3662 kg
Tipping load – articulated:	3240 kg
Lifting force, at ground level:	4590 daN
Service weight:	4900 kg
Deviating data for use of pallet forks (load center distance 500 mm)	
Static tipping load articulated and extended:	2540 kg
Lifting force:	2845 daN
Load capacity 80% on level grounds:	2032 kg
Load capacity 60%, on uneven grounds:	1521 kg

Specific gravity for material handling

material weight (t/m³)

Construction

concrete	1.9
soil (dry)	1.5
soil (watery)	2.0
rock (fill)	2.4
granite	1.8
limestone	1.6
gravel (dry)	1.9
gravel (watery)	2.1
loam	1.7
plaster	2.2
sand (dry)	1.9
sand (watery)	2.1
sandstone	2.4
shale	2.2
sediment	2.1
crushed stone	1.5
de-icing salt	1.3
clay	1.6
cement	1.7
clinker (stacked)	1.8

Industry

ember	0.7
brown coal briquette	0.8
ferrous product	7.8
iron ore	2.3
cullet	1.9
gas coke	0.4
timber	0.8
mineral coal	1.2
paper	0.9
slag	1.0
slag concrete	2.7

Landscaping, agriculture

agricultural crop	0.7
grain	0.6
hay	0.3
potash	1.1
compost	1.0
flour	0.5
clay (watery)	2.3
phosphate fertilizer	2.2
turf (watery)	1.1
turf (dry)	0.4
mineral fertiliser	1.0

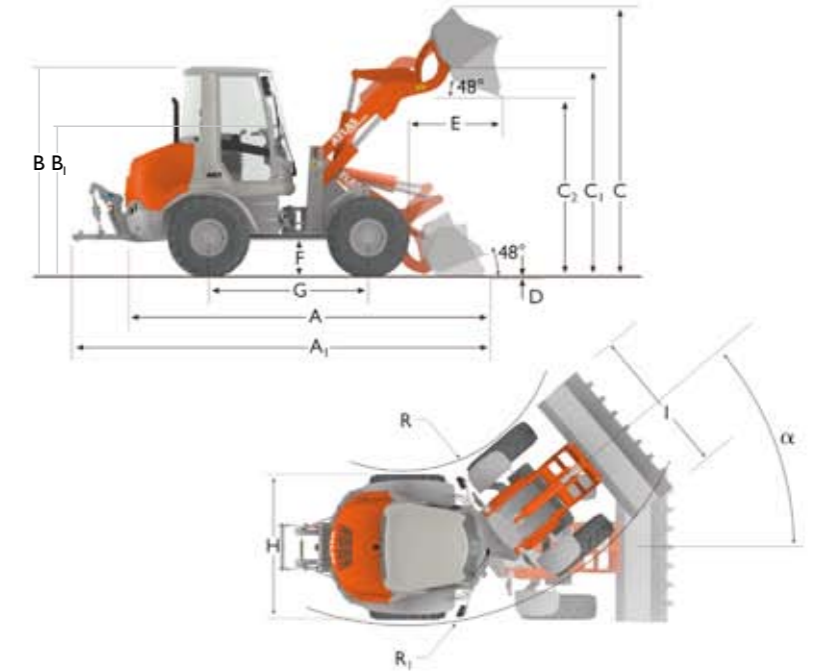
Technical data with standard shovel.

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A	5220
A ₁	5808
B	2652
B ₁	1875
C	3960
C ₁	3165
C ₂	2465
D	80
E	625
F	450
G	2000
H	1870
I	1970
R	1817
R ₁	3715

All dimensions in mm

α 40°



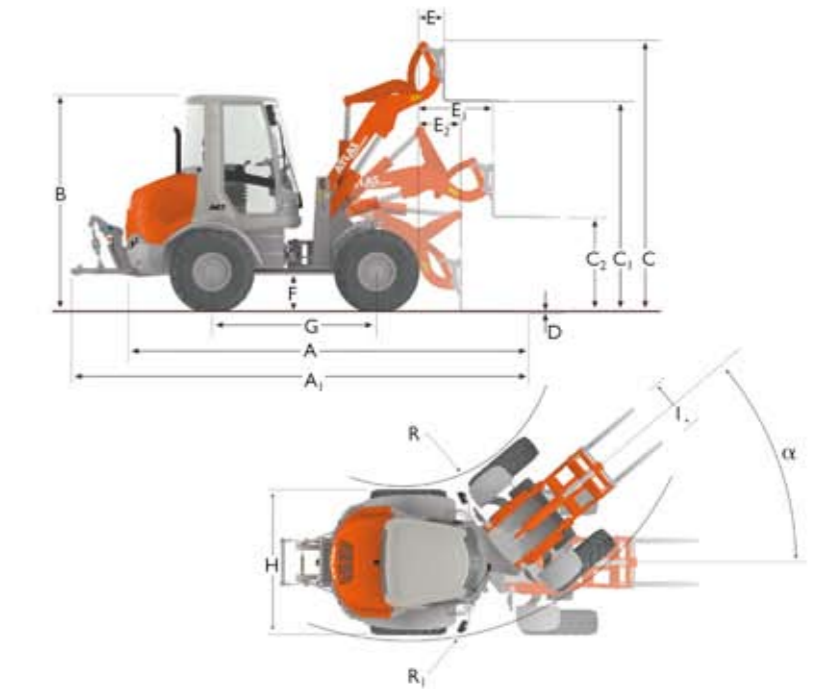
Technical data with pallet forks.

AGT

A	5550
A ₁	6138
B	2652
B ₁	1875
C	3420
C ₁	2975
C ₂	1365
D	60
E	460
E ₁	1195
E ₂	725
F	450
G	2000
H	1870
I	1030
R	1817
R ₁	3715

All dimensions in mm

α 40°



Reinforcement for the ATLAS team! From now on, a new highlight that is both powerful and flexible will add to the versatility of our range of products: the AGT. Not only does this machine incorporate all the top-class features of an ATLAS wheel loader – it also serves as a heavy-duty tractive platform. Thus, wherever a reliable full-fledged wheel loader is needed, the AGT will do as excellent a job as all our renowned ATLAS wheel loaders. In addition to this, however, the AGT is equipped with powerful drive units which allow for the safe and trouble-free operation of attachments with high power requirements. It is this impressive flexibility which makes it a true all-rounder – particularly suited for fields of application like municipal enterprises, landscaping and gardening as well as agriculture and forestry.

A 59.3 kW/ 81 HP engine provides sufficient output for all kinds of mechanically or hydraulically operated attachments. Mechanically operated implements are attached to a optional hydraulically adjustable 3-point rear adapter (category II) and powered by means of a hydrostatically operated p.t.o. shaft.

The operation of hydraulic high-performance attachments at the lifting unit is made possible by the optional High-Flow hydraulics whose functioning is independent of the working hydraulics and which provides a hydraulic output of 120 liters per minute (rate of flow) at a working pressure of 210 bar. Since the hydraulics of the lifting unit are load-independent of the power requirements of the attachments, the implement in question can be re-positioned at all times.

