

Wheel loader L260

POWERFUL. OPTIMISED. COMFORTABL



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 40 kph



14.4 t
 128 kW (174 HP)
 2.5 - 4.5 m³



ENGINE

| Manufacturer, model | Cum | mins, QSB 6.7 |
|-----------------------|--|----------------------|
| Туре | 6-cylinder turbocharged diesel engine, | COM III/EPA III |
| Combustion | 4-stroke cycle, Commor | n Rail injection |
| Displacement | | 6700 cm ³ |
| Net power rating at 2 | 200 rpm (ISO 9249) 12 | 28 kW (174 hp) |
| Cooling system | | Water |

ELECTRICAL SYSTEM

Nominal voltage

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 gears: | |
|----------|----------|
| "Low" | 0-6 kph |
| "High" | 0-40 kph |
| | |

AXLES

Angle of equillation

Front: Planetary drive axle, rigidly mounted. 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 | 20.5 R25 VJT Bridgestone |
| 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 both 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°

OPERATING DATA. STANDARD EQUIPMENT

| VI EIRATING DATA, VIANDAND E | |
|--|---------------------|
| Operating weight (ISO 6016) | 14,400 kg |
| Tipping load, straight at full reach (ISO 14397-1), direct mounting / QAS | 10,720 / 10,360 kg. |
| Tipping load, articulated at full reach (ISO 14397-1), direct mounting / QAS | 9,360 / 9,040 kg. |
| Total length, bucket on ground | 7230 mm |
| Total width | 2500 mm |
| Turning radius at outside bucket edge | 6150 mm |
| Wheelbase | 3100 mm |
| Total height (top of cab) | 3260 mm |
| | |



FLUID CAPACITIES

24 V

100

| Fuel tank | 240 I |
|-------------------------------|-------|
| Hydraulic system (incl. tank) | 135 I |

HYDRAULIC SYSTEM

| Pump capacity | 160 l/min |
|------------------|-----------|
| Working pressure | 310 bar |

Control unit: Proportional 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. Float position in control circuit "Lowering", electro-hydraulically operated. Additional control circuit electrically operated with preselection of flow rate and impulse/continous operation.

LOADER FRAME

| Loader frame with TSP-linkage, attachments directly mounted | d. |
|---|---------------------|
| General-purpose bucket (ISO 7546) | 2.60 m ³ |
| Lift capacity at ground level (ISO 14397-2) | 141,000 N |
| Breakout force at bucket edge (ISO 14397-2) | 119,900 N |

FORK LIFT ATTACHMENT

| Operating load over the total lift and steering range | 5000 kg |
|---|---------|
| Width of fork carrier | 1900 mm |
| Length pallet forks (150x60 mm) | 1200 mm |
| Stability factor | 1.25 |
| | |

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

CAB

Rubber-mounted full-vision steel cab, ROPS (EN ISO 3471) and FOPS** (EN 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.

Automatic climate control.

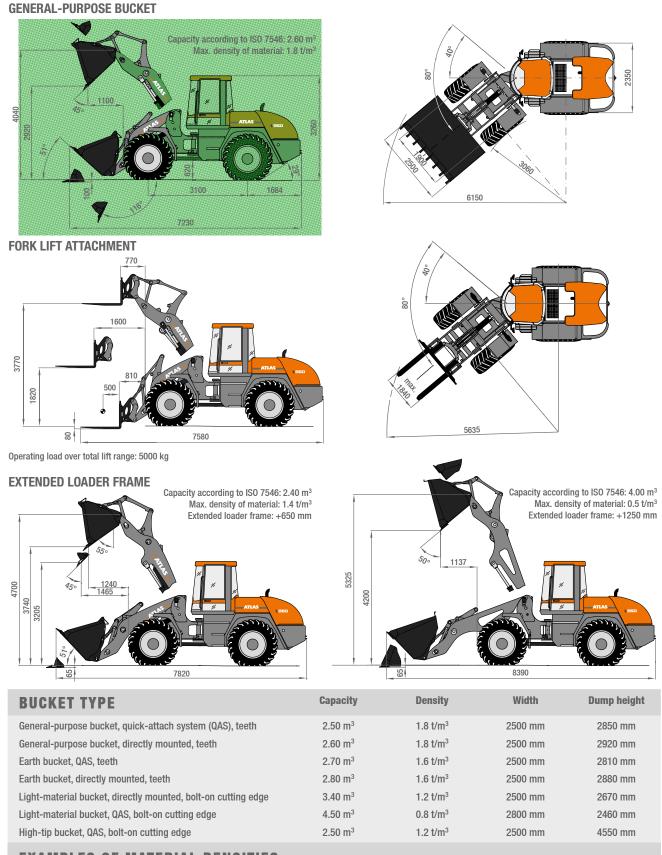
Steering wheel with height and tilt adjustment.

Radio pre-installation.

2 front and 2 rear working floodlights.

Sound level values in compliance with EC-directives.

L260



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), | 1.5 - 1.8 t/m ³ | Wood chips (dry), compost, coke: | 0.2 - 1.0 t/m ³ |
| gravel (dry): | | | |

SNOISNE MIC



OPTIONAL EQUIPMENT

TIRES

| 20.5 R 25 XHA2 L3 Michelin | | |
|---|--|--|
| 20.5 R 25 X Mine D2 L5 Michelin | | |
| 20.5 R 25 XLDD2A L5 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 | | |
| 750/65 R 26 MEGAXBIB Michelin | | |
| Non-standard tires available on request | | |

FRONT ATTACHMENTS

| General-purpose bucket* | 2.60 m ³ | |
|---|---------------------|--|
| Earth bucket* | 2.80 m ³ | |
| Light-material bucket* | 3.40 m ³ | |
| Light-material bucket* | 4.50 m ³ | |
| High-tip bucket* | 2.50 m ³ | |
| Front ripper with 4 prongs | | |
| Fork carrier, 1900 mm wide, ISO 2328, class 3, form B | | |
| Forks, 1200 mm long, cross section 150x60 mm | | |
| Load hook, attachable on fork arms | | |
| Load hook integrated in quick-attach system | | |
| Crane jib with rigid arm | | |
| Crane jib, telescopic (mechanical) | | |
| *optionally with bolt-on cutting edge | | |
| | | |
| ENGINE | | |
| Diesel particle filter | Catalyst | |
| | | |

Diesel particle filter Preheater for cooling water, 230 V Cyclone prefilter

DRIVER'S STAND

Operator's seat MSG85 (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 | 2nd control circuit, mechanical |
|---|---------------------------------------|
| Filling with biodegradable hydraulic oil, ester-based, BIO-E-HYD-HEES | 4th control circuit, proportional |
| | |
| 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) |
| | |

with

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 disconnector |
| Versa-Steer steering system | Protection for cardan shaft |
| Automatic bucket return positioner | Guard for front window |
| Automatic bucket return positioner incl. lift height limitation | Guard for front lights |
| Extended loader frame (+650 mm/+1250 mm) | Guard for rear lights |
| Axles with extended distance over hubs | |
| Further optional equipment available on request | |
| | |

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