

Weycor loaders from Atlas Weyhausen GmbH at Agritechnica

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The following exhibits were on display:

The versatile **AR 40** has a pallet fork load capacity of 1500 kg with an operating weight of just 3300 kg. In addition to the canopy cabin, the equipment is also compatible with a panorama comfort cabin, which can be easily retrofitted. Installed with Perkins engine 403D-15T, the AR 40 also meets the latest emission guidelines. The output ensures short tipping times and an immense lifting force of 2340 daN from ground level. With standard tyres of 15.0 / 55 - 17, this wheel loader has an overall width of just 1500 mm and offers the operator a wide range of applications thanks to its exceptional shearing and lifting forces (2340 daN and 2500 daN respectively) as well as its high tearing forces (3170 daN).

The **AR 75e T** with proven Atlas Z-kinematics is suitable for application in agriculture, gardening and landscaping, municipalities and main construction trades.

The telescopic wheel loader has an operating weight of over 6000 kg and an engine power of 54 kW (73 hp) at 2300 rpm. The water-cooled Deutz diesel engine TD 2.9 L4 is fitted with a diesel oxidation catalyst and thus satisfies all provisions of emission standard IV / Tier 4 final. This open system of the DOC requires no additional maintenance and provides additional benefits for the operator in daily operation, removing the need to change exhaust filters and eliminating other downtimes.

As for the tyres, the manufacturer opted for industrial multi-purpose tyres of the size 16/70 R20 MPT 14PR. The working and on-road speeds are 0-6.5 km/h and 0-20 km/h respectively. The equipment can also be ordered in an overdrive version of 0-40 km/h. All functions including the integrated proportional control of the telescopic functions are easily operated from the cabin using a joystick. The telescopic boom with 1200 mm extension facilitates a dumping height of 4080 mm, which may be required for loading high-walled lorries. The tipping load is 3500 kg; 1970 kg when fully extended.

The comprehensive standard configuration can be supplemented with a whole range of options: the manufacturer offers more than 30 options to expand the potential applications of the equipment.

The **AR 105e** model is the largest and strongest weycor wheel loader. With an operating weight of 9450 kg and a standard bucket capacity of 1.6 - 1.8 m³, this model stands out from all the other weycor wheel loaders. The equipment is powered by a water-cooled Deutz 4-cylinder in-linediesel motor TCD 4.1 with 105 KW of

power at 2200 rpm with a maximum torque of 550 Nm. The engine features turbocharging, intercooling and cooled external exhaust gas recirculation. The modular exhaust after-treatment system meets the requirements of the EU Stage IIIB and US EPA Tier 4 Interim emission standards with oxidation catalyst (DOC) and particle filter (DPF). "Heat-Mode" performs the regeneration process during operation without adverse effects on performance. A necessary active standstill regeneration is displayed on the display panel and is only initiated by the driver. A new hydraulic control block with load-independent flow distribution is used. The output in the 3rd section amounts to 138 litres per minute with an operating pressure of 250 bar. Areas of application include construction, recycling, materials handling and agriculture.

Source: Atlas Weyhausen GmbH

[Atlas AR 40 On LECTURA Specs](#)

[Atlas-weycor AR 105 e On LECTURA Specs](#)

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