

AGROVECTOR

26.6 • 26.6 LP • 30.7



EVOLVING AGRICULTURE.

AGROVECTOR: THE MASTER LOADER.



In many agricultural businesses an increasing number of special machines are required for specific tasks in addition to tractors. The telescopic loader has therefore gained in popularity with farmers and contractors in recent years, as it is not only suitable for handling crops, but

can also be used for a great many other tasks.

Although the DEUTZ-FAHR Agrovactor was designed especially for agricultural use, its outstanding versatility, flexibility and manoeuvrability means that it is also

a professional solution for market and landscape gardening businesses, municipal work and also the construction industry.

ADVANTAGES

- ▶ **Compact, manoeuvrable telescopic loader with excellent all-round view and very spacious, comfort cab**
- ▶ **Low centre of gravity due to the sidemounted engine and rear telescopic boom link**
- ▶ **Reliable DEUTZ-Turbo diesel engine developing 102 hp (75 kW)**
- ▶ **High lifting force of 2.6 and 3.0 tonnes**
- ▶ **High lifting height of 5.80 and 6.90 m**
- ▶ **Powershuttle as standard feature**
- ▶ **Hydrostatic drive with two ranges**
- ▶ **Maximum speed of 35km/h**
- ▶ **Joystick operation**
- ▶ **Agrovector 26.6 available with low cab**

Spacious cab

The cab of the Agrovector meets all the requirements of applicable safety standards. The driver is always well protected in the practical and spacious cab, having the approval of ROPS/FOPS and ANSI, with excellent panoramic view and ergonomic operation that ensures relaxed and productive working conditions. The LP model is now available with a low cab for particularly low entrances.

Economical and powerful engines

The latest generation of economical and powerful DEUTZ engines provide efficient and maximum power for all tasks.

Convenient hydrostatic drive

The hydrostatic drive has two speed stages and a standard Powershuttle for clutchless direction changes. The maximum speed is 35 km/h.

Powerful hydraulics

The Agrovector hydraulic system not only provides high lifting power, but also works productively with external consumers. A high pump flow rate of 94 l/min feeds the hydrostatic drive, the boom, and steering circuit, also two doubleacting remote valves on the telescopic boom and two at the rear. The three steering options (front wheel, all-wheel and crab steering) enhance the versatility of the Agrovector.

With the Agrovector DEUTZ-FAHR offers a universally versatile telescopic loader for all applications with a wide range of attachments for many agricultural jobs. The powerful hydraulic system and the economical engines make the Agrovector an irreplaceable aid for the widest range of assignments.



SAFE OPERATION.



The extremely spacious cab makes sure that drivers of all sizes have all the room they need.

Despite its streamlined design, the safety cab of the Agrovector is one of the most spacious in its class; you have comfortable seating and bags of working space. The controls – as in all DEUTZ-FAHR machines – are clearly structured and easy to use. You will find your way around immediately. No lengthy explanations are required.

Optimum lighting

In addition to the two main headlights the two optional working lights at the front of the cab, two at the rear of the cab and two on the boom enhance safety



A frame protects the cab and the driver from any falling loads, even from a maximum height of 6.90 m.



Two cabin alternatives are available.



The side and rear windows can of course be opened.

ADVANTAGES

- Large glazed areas and excellent panoramic view
- Up to 6 working lamps
- Transparent roof with impact protection allows best view of the telescopic boom and the attachments
- Perfect, ergonomically designed workplace
- Pressurised cab with filter for dust and contaminants
- Low noise levels due to all-round silencing measures
- Agrovector 26.6 LP with low cab

during night work or in poorly illuminated buildings.

It gets everywhere

With a height of just 1.99 m, the Agrovector 26.6 LP with low cab can squeeze through even the lowest entrances.

Efficient noise reduction

The cab of the Agrovector is also extremely well insulated against noise, heat and dust. This is achieved with basic design features such as engines with reduced noise emission and thorough exclusion of all noise-emitting and noise-transferring

components from the cab. The cab itself also features a cab air filter that effectively excludes irritating dust.

Comfortable driver's seat

The driver's suspension seat features a number of adjustment options, and, combined with the variable angle of the steering column, makes sure the driver sits in a relaxed and favourable orthopaedic position. A pneumatic suspension seat is available as an option.

Impressive air conditioning

A powerful heating and ventilation system provides a pleasant and constant cab atmosphere. An air conditioning system is available as an option.

Everything in one

All functions of the Agrovector are operated with the ergonomically designed joystick on which are the buttons operating the telescopic boom and attachments.



All Agrovector functions are reliably and conveniently controlled with the joystick.



The InfoCenter keeps the driver up to date with all important operating data. An important security feature is the load index display to the right of the InfoCenter, this calculates the moment of tilt on the basis of the rear axle load.



A powerful heating and ventilation system provides a pleasant and constant cab atmosphere and clear windows.



The angle is displayed with the integrated spirit level.

STRONG. ROBUST. GREAT LIFTING POWER.

Telescopic loaders are regularly used under tough conditions. When moving heavy loads on construction sites the engine and drive train have a lot to cope with.

Economical engine

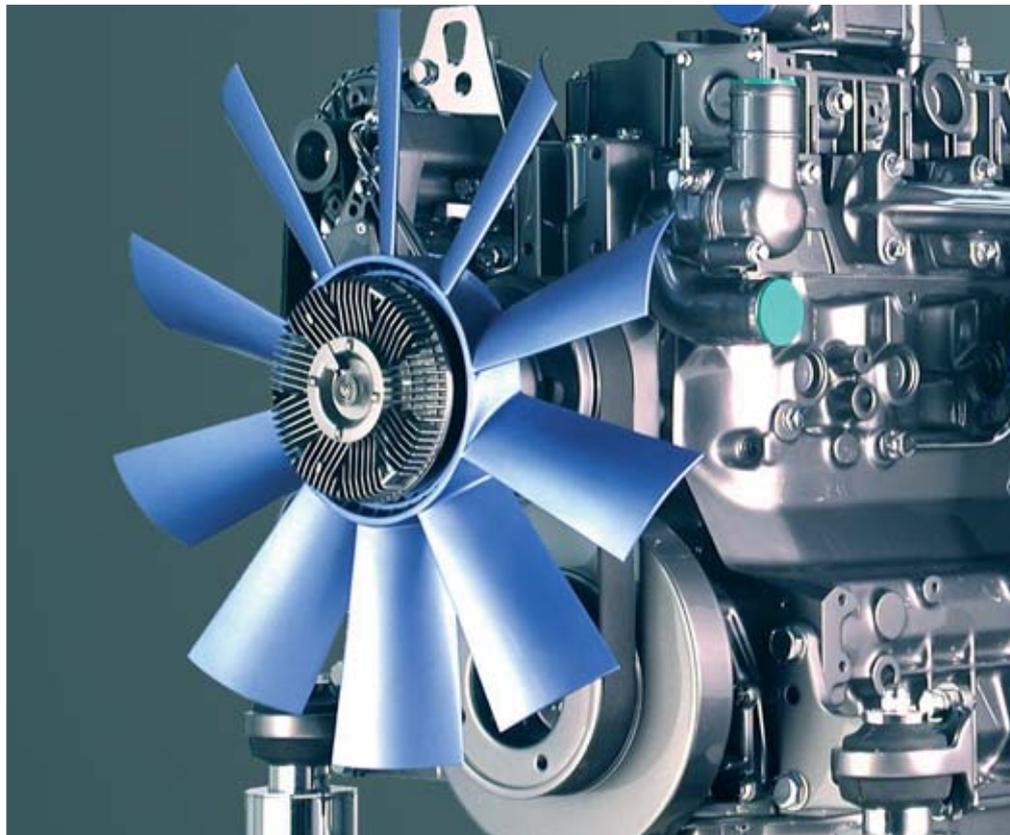
Both Agrovector models have a DEUTZ turbo-diesel engine with a capacity of four litres. This modern, 4-cylinder, liquid-cooled engine has an excellent constant output. Equipped with a high-pressure injection system it is among the most modern on the market. The result: More power, less consumption.

Constant engine performance

The engine was optimised further for use in a telescopic loader, and output is constant over a wide speed and torque range. Durability and long-term reliability are also important features: The inlet and exhaust valves are continuously rotated to minimise wear and the underside of the piston heads are sprayed with cooling oil from special crankcase nozzles. Both water and oil coolers are also combined in one unit.



The DEUTZ-FAHR Agrovector: Powerful lift and constant output shorten loading times.



The modern DEUTZ engine ensures economical and constant power output.



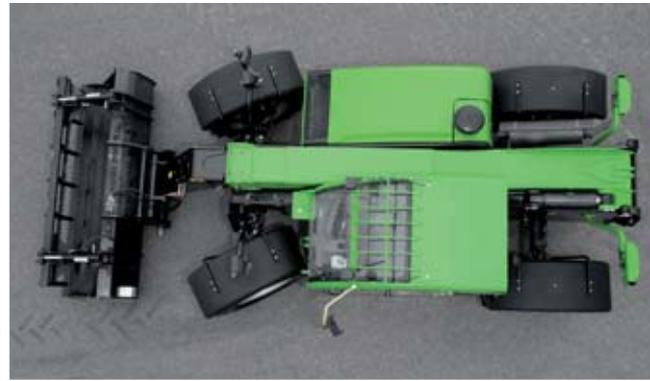
The direction of travel and both travel stages are conveniently selected with the Powershuttle located to the left below the steering wheel.

ADVANTAGES

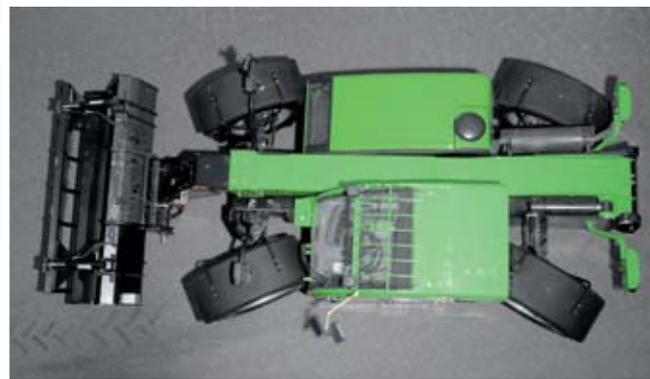
- ▶ Powerful, high-propulsion, economical and reliable DEUTZ engines
- ▶ Low fuel consumption with favourable emission values
- ▶ Wet disk brakes
- ▶ Fuel tank with a volume of up to 102 litres
- ▶ PLD high-pressure injection with up to 1,400 bar
- ▶ Hydrostat with two travelling stages which can be shifted under load
- ▶ Maximum speed of 35 km/h
- ▶ Triple steering with a turning circle of only 7.80 m



The low centre of gravity and high ground clearance also ensure safe working conditions in the field.



Front-wheel steering



All-wheel steering



The steering mode is selected with a rotary switch in the cab.



Crab steering

Hydrostatic drive

The hydrostatic drive has two forward and reverse speed ranges that can be easily shifted under load with the lever under the steering wheel; the direction of travel is also selected here. The accelerator pedal is used to control the engine and travelling speed.

High ground clearance

The Agrovector's high ground clearance, yet with a low centre of gravity and 4-wheel drive, is a particular advantage on difficult terrain, no problems occur even when dealing with those really difficult jobs.

Three steering modes

The three steering modes are activated simply with a rotary switch – front axle, all-wheel and crab steering. These features make the Agrovector an extremely capable, agile machine coupled with its tight steering angle of 56°, enabling it to be safely and quickly manoeuvred in confined stockyards and buildings.

HIGH STANDARDS.



ADVANTAGES

- Robust, two-section telescopic boom with proportional control
- Powerful hydraulics system with high degree of efficiency and flow rate
- Up to two double-acting remote valves
- Lifting height up to 6.90 m
- Lifting force up to 3.0 t
- Displays for angle and lift enhance work safety



The driver can quickly gauge the stability of the vehicle by the letters on the inner boom and the degrees on the outer boom.



Large steering angle and robust drive on all four wheels.



The hydraulic system control valves are easily accessible through a door on the rear chassis.



The double-acting remote valve on the telescopic boom is a standard feature.

Exceptional traction, coupled with high lifting forces ensures fast loading. With its powerful hydraulic system and the innovative telescopic boom geometry the Agrovector cuts a fine figure everywhere it goes. Equipped with an open-centre hydraulic system with a flow rate of 94 l/min, it not only guarantees fast lifting capabilities, but can also be fitted with many attachments.

Robust design

Using a telescopic loader means you need a good view. This aspect was given special attention when the Agrovector was designed. The engine is mounted on the side of the machine; the articulation point of the boom is at the rear. This has

a number of important advantages: The centre of gravity of the machine is shifted to its centre and the telescopic boom does not impede the driver's view to the right. Work safety is also enhanced with the heightened stability.

The telescopic boom comprises two sections that are controlled with sliding plates. The maximum working height is 6.90 m, which provides a tipping height of more than 6.00 m with a light goods bucket attachment. The maximum lifting force of the Agrovector 30.7 is an impressive 3.0 tonnes.

Electrohydraulic joystick

With the joystick the driver has all functions at his fingertips. Not only is the proportional drive of the telescopic boom extension controlled by the ergonomic handle, but four additional attachment functions can also be readily operated.

Remote valves

The Agrovector is equipped as standard with a double-acting remote valve on the telescopic boom. An additional double-acting remote valve can be mounted at the rear if required. Both can be conveniently operated with the joystick.

SERVICING TIME SHORTENED.



Light goods bucket (volume: 2 m³)



Mechanical pallet fork



Hydraulic pallet fork (\pm 100 mm lateral tilt)



Grab bucket (volume: 1 m³)



4-in-1 skimmer and grab bucket (volume: 1 m³)



Plastic-wrap bale gripper



Bale gripper



Large bale fork



Quick-change frame

ADVANTAGES

- ▶ Long maintenance intervals lower operating costs considerably
- ▶ Tool-free access to all important maintenance points
- ▶ Engine oil change every 500 hours; hydraulic oil change every 1,500 hours
- ▶ Tappet clearance check every 1,500 hours
- ▶ Simple cleaning of the compact cooling system
- ▶ Versatile attachment range



Daily servicing is quick and easy; requiring little effort, simply fold back the cowling in the open position. All important components and assemblies are easily accessible without tools for simple maintenance work.

Long maintenance intervals

The regular engine maintenance intervals are long – in fact uniquely long. The engine oil only requires changing every 500 hours of operation and the tappet adjustment check is at 1,500 hours. The hydraulic oil and its filters only require changing every 1,500 working hours. The operating

costs of the Agrovector are therefore satisfyingly low.

1 The engine air filter is easily accessible. Due to the cyclone dust separator and the standard-feature safety filter the maintenance intervals of the filter are very long.

2 The oil filler inlet and dipstick are easily accessible. Long maintenance intervals lower operating costs.

3 The cab air filter is easily accessible behind the driver's door. The filters can be cleaned and replaced without tools.

4 The fuel tank is well protected in the chassis; the filling nozzle is easily accessible behind the cab.

WITHOUT DOUBT ORIGINAL DEUTZ-FAHR.



Authorised service – a wise move

Without doubt – many can repair much. But only your DEUTZ-FAHR specialist dealer knows your telescopic loader inside and out. Only your dealer has regularly trained mechanics and experts on call. Only dealers have the special tools and diagnostic equipment required for competent diagnosis and inspection. All this gives you peace of mind – without doubt.

Original parts make good sense.

You should therefore only use original parts for your telescopic loader when required. Only these comply with the high quality and safety standards of DEUTZ-FAHR and ensure correct function, trouble-free operation and value stability – guaranteed.

Your DEUTZ-FAHR dealer will be pleased to answer your questions:



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order no.: 701-10-01



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