

AGROKID

210 • 220 • 230



EVOLVING AGRICULTURE.

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THE MOWING-MULCHING-SWEEPING



It is its versatility that makes the Agrokid such a valued workhorse. Whether being used by itself, in combination with a front loader, or as a pulling vehicle, there is almost no task too challenging for the Agrokid. This compact tractor from DEUTZ-FAHR is anything but small when it comes to reliably carrying out a wide variety of tasks for gardening and land-

scaping companies and for districts and municipalities. With a narrow frame and a turning radius of just 2.60 m, the Agrokid can be used in places where the "big guys" cannot go.

The right one for the job

Four-wheel drive, impressive pulling power, and a top speed of 30 km/h enable the

Agrokid to achieve ultrahigh productivity. There is always a job awaiting the Agrokid, be it maintaining public and private lawn and garden areas or providing all-season service (council maintenance and repair crews). Applications in greenhouses, tree nurseries, and general transport (on company grounds) are just some of the tractor's areas of expertise. Integrated

NG-CHOPPING-CLEARING TRACTOR.



drive units at the front, center and rear of the vehicle and the many implements that can be mounted make the Agrokid a true all-rounder.

Two versions

Whether you order it as a platform tractor or with a spacious comfort cab, the Agrokid has been pleasing operators in council

crews and at gardening and landscaping companies for many years. Agricultural businesses also appreciate the machine's ability to perform all types of tasks on the farmyard and in the barn. No wonder: The engine and transmission are reliable and economical. The hydraulic system has ample power and lifting capacity even for the most demanding jobs and implements.

Up to three PTOs deliver power to three implements and the robust undercarriage with portal front axle provides stability on all types of terrain. With a large number of practical implements available, the Agrokid is an indispensable tool for every private park.

SMALL TRACTOR WITH EXCEPTIONAL COMFORT.



Small tractors lack comfort, you say? Not so with the Agrokid, a typical DEUTZ-FAHR that combines design with ergonomics, comfort and convenience. We give you sufficient space, a comfortable seat and ergonomically-designed controls for the lifting hydraulics and remote valves,

which are conveniently located to the right. The layout of the controls in the dashboard and in the console on the right, together with the generously sized driver platform, make it easy to operate the Agrokid. The platform is also mounted on four silent blocks, which absorb

much of mechanical noise and vibrations transmitted by the frame.

Spacious comfort cabin

The optional all-glass comfort cabin offers generous space and is ergonomically designed. The standard hinged,

ADVANTAGES

- ▶ Comfortable, ergonomically-designed cabin provides an excellent view of all implements
- ▶ Comfort cabin available on request
- ▶ Logically arranged controls
- ▶ High level of safety



Everything at hand and in sight. The Agrokid is as easy to operate as big tractors.



The steering wheel is adjustable in height, allowing every driver to find the ideal seat position.



An air-sprung driver's seat can also be ordered.



The heater and A/C controls are conveniently installed in the cabin roof.

opening front and rear windows and the available air conditioning system combine comfort with unique user friendliness. Four flexing silent blocks and the wide-opening all-glass doors provide for easy entry. Every control is arranged on the console according to priority and can be

reached with ease. The logical array of analog displays on the dashboard makes key status information readily accessible to the operator.

A friendly working environment

The exceptionally quiet Agrokid is the re-

sult of a liquid-cooled engine, solid cabin platform, convex glass and noise-insulating material on the cabin floor and in the roofliner. Additional comfort is provided by sunblinds, forced ventilation and a powerful hot water heater. An air conditioning system is available on request.

CONCENTRATED TECHNOLOGY.



Powerful drivetrain

The Agrokid is available in three different versions (210, 220 and 230) with one of three new Mitsubishi 4-cylinder diesel engines ranging in output from 39 to 50 HP (29 - 37 kW). The engines are extremely quiet and meet the requirements of the TIER III emissions standard.

With up to 1.8 liters of displacement, the high torque and elasticity of the powerplants translate into problem-free load shifts and less gear shifting. The powerful cooling system is easily accessible and easy to clean thanks to the wide opening angle of the hood. The 38-liter fuel tank can accommodate one third more fuel

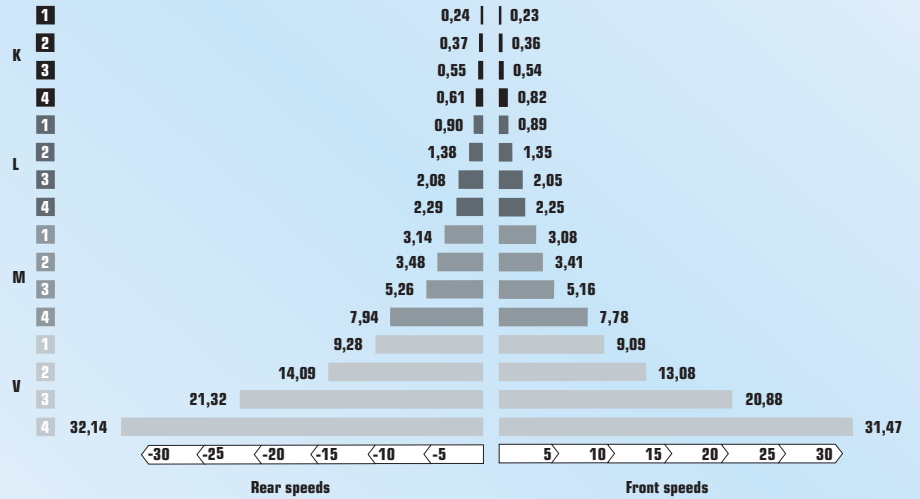
than comparable tractors. An additional 15-liter tank is available on request.

Always in the right gear

The robust, synchronized 12/12 shuttle transmission with pressure lubrication saves time when turning and maneuvering.

ADVANTAGES

- ▶ Graduated engine speed control for working at very low speeds or for frequent reversing
- ▶ Powerful, fuel-efficient engines
- ▶ PTO clutch independent of transmission



Finely graduated: Graduated engine speed control is another feature that makes the Agrokid a full-fledged tractor.



Powerful and fuel efficient: the new TIER III-compliant engines available for the Agrokid.

Crawling

The optional creeper speed transmission can be very advantageous, especially when using the Agrokid to cultivate vegetables in greenhouses or work in a field. With a total of 16 speeds, you have four additional gear ratios at your disposal.



The shifting levers are ergonomically arranged.



The optional creeper speed transmission greatly increases the range of applications of the Agrokid.

AS ROBUST AS A BIG TRACTOR.



A genuine tractor

An agile machine that can be easily used in challenging terrain: With a steering angle of up to 57 degrees, the Agrokid is also well suited to maneuvering in the tightest of spots. High ground clearance not only provides for sure footing on uneven ground and when encountering ruts, but also greatly reduces the risk of damage caused by objects (such as curbs) hitting the underbody. Even when an implement is mounted in the centre of the vehicle, the remaining ground clearance is sufficient. The Agrokid features a robust chassis that is made to withstand very heavy drawbar loads (up to 600 kg, depending on the tires used) and trailer loads at the coupling jaw (up to 4,000 kg).

Big tractor capability, small size

The Agrokid is capable of performing a wide variety of tasks, thanks to its front, centre and rear PTO. Engageable four-wheel drive and differential locks with 100 percent efficiency in both axles provide for excellent traction. The high-performance hydraulic control system and versatile auxiliary hydraulics make the tractor suited for almost any application. Designed for municipalities and gardening and landscaping companies, the Agrokid is not only compact; it also has a favorable power-to-weight ratio.

Three implement mounting points

The Agrokid's three PTO mounting points allow for a wide variety of applications for front, centre and rear-mounted imple-

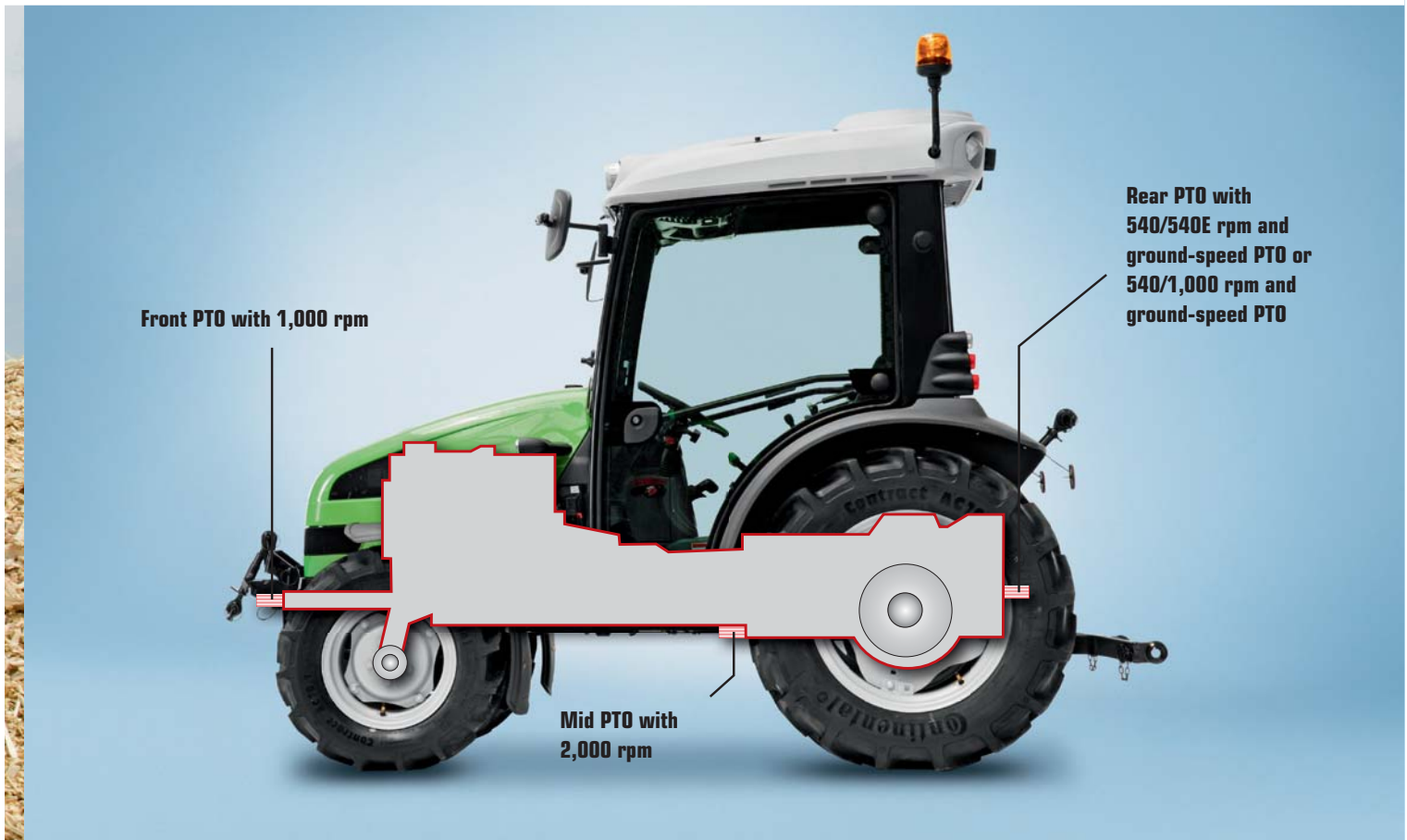
ments. A ground-speed PTO is available for special jobs. The rear PTO supplies 540/540E rpm in the standard version as well as a ground-speed PTO. The optional front PTO powers implements with 1,000 rpm and runs independently of the rear PTO.

Safety halt

The braking system also meets the highest requirements; cooled oil-immersed disk brakes on the rear wheels (Lifetime version – standard) guarantee precise and reliable braking under all conditions. For improved traction, the front wheels can be additionally activated (all-wheel drive) and the electrically-activated front and rear differential locks used (100 percent efficient).

ADVANTAGES

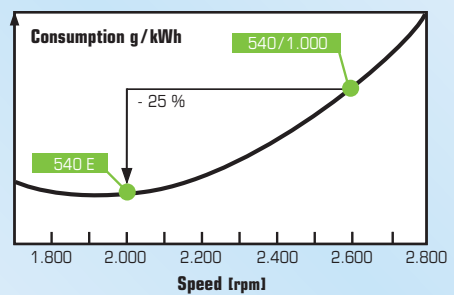
- ▶ Portal front axle with large steering angle and wide swing angle
- ▶ All-wheel drive with differential lock on both axles
- ▶ Rear PTO with 540/540E rpm and ground-speed PTO
- ▶ Mid PTO with 2,000 rpm
- ▶ Independent control of the front PTO
- ▶ Exceptionally high ground clearance of up to 390 mm
- ▶ Powerful, no-maintenance braking system
- ▶ Exceptional efficiency thanks to mid-body power transmission



Characteristics of the rear PTO

Clutch	Multi-plate clutch, oil-immersed
Actuation	mech.
Speed	Preselection from the driver's seat in the cab
Output shaft	6 or 21-spline profile 1 3/8"

PTOs	Engine speed (rpm)
540	2.650
540 E	2.000
1.000	2.650



With a 57 degree steering angle, the Agrokid has a very small turning radius. The portal axle provides for an exceptionally high ground clearance of up to 390 mm.

4wd can be manually selected to considerably improve traction and reduce ground compaction.

HIGH-PERFORMANCE HYDRAULICS.



ADVANTAGES

- ▶ High-performance hydraulic system with a lifting force of 1,200 kg
- ▶ Front powerlift with a lifting force of 400 kg (optional)
- ▶ Separate steering hydraulics with 15 l/min. for easy steering under load
- ▶ Precision hydraulic control system with position, draft and combined control
- ▶ PTO clutch independent of transmission



The mechanical powerlift control provides for simple and efficient regulation of the rear hydraulics. The third additional remote valve is actuated via a toggle switch.



Up to three additional remote valves and up to 8 remote connections

The Agrokid is equipped with a high-performance hydraulic system that has a pump capacity of 30 liters per minute. This ensures short lifting times and fast, precise operation. The separate steering hydraulic system also makes the tractor easy to steer and maneuver at low speeds and is an especially unique feature in its class.

A lifting capacity of up to 400 kg at the front and up to 1,200 kg in the rear make the Agrokid well suited to powering heavy implement combinations. The hydraulic

system has position, draft and combined control. The robust 3-point couplings at the front (Cat. 0) and the rear (Cat. I; Agrokid 230 optionally available with Cat. II) facilitate easy connection of implements. With 700 mm of lifting travel, the Agrokid has a wide lifting range. This range can be further extended by changing the lift bars.

Exceptionally convenient

Included among the Agrokid's list of standard equipment are two additional remote valves and eight remote connections, found at the front, centre and rear of the

tractor. A non-pressurized recirculation circuit at both ends of the vehicle allows for continuous operation of hydraulic motors. An additional remote valve can be fitted on request.

The Agrokid covers all requirements. Available accessory equipment includes: a snow plow with spreader for reliable snow clearing, a front or center-mounted mower unit with bagger for lawn mowing, a rear digger for excavation work, sweeping attachments for cleaning walks, and a front loader for performing a wide variety of loading work.

MAY WE OFFER YOU ANYTHING ELSE.



Although the standard equipment of the Agrokid is already extremely comprehensive, it can still be enhanced. DEUTZ-FAHR supplies a coordinated range of additional and special equipment for all ranges and assemblies. Contact your DEUTZ-FAHR dealer. They will be pleased to be of assistance.

1 Comfort cab: Soundproofed and roomy. The comfort cabin comes with large all-glass doors and a powerful heating and ventilation system.

2 Front powerlift & front PTO: The Agrokid unfolds its true versatile potential when equipped with mounted front implements. The integrated front powerlift boasts a lifting force of 400 kg, while the front PTO delivers a speed of 1000 rpm.

3 Height-adjustable trailer hitch

4 Tires for use on grass: A wide variety of tire combinations is also available for gardening and landscaping companies.

5 Swiveling front mudguards

6 Wheel and rim weights: To master all jobs.

7 Creeper speed transmission: Four additional gears for working at ultraslow speeds.

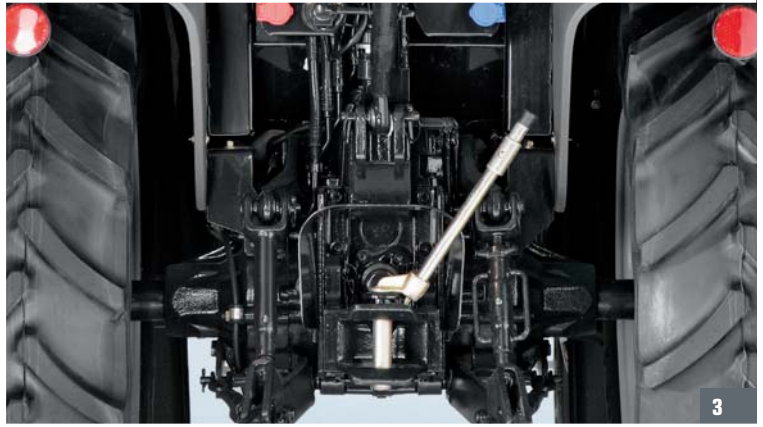
8 Additional fuel tank (15 l): For putting in long workdays without having to refuel.

9 Air conditioning system: Available on request.

Front weights (not illustrated): Front weights ensure optimal weight distribution for all types of work.

Ground-speed PTO (not illustrated): A ground-speed PTO is available in addition to the standard PTO equipment.

PTO combinations (not illustrated): Two combinations are available: 540/540E or 540/1,000.



NO NEED FOR LONG MAINTENANCE.



Fast, daily maintenance

Daily maintenance is quick and easy and can be completed in next to no time simply by folding back the cowling which opens to the rear. All service points such as the air and oil filter, oil dipstick, oil filler neck and liquid cooler can be accessed without the need for tools. The side parts can also be removed without tools for fast and direct access to the engine. The cab air filters are easy to reach from the outside.

Long maintenance intervals

The regular maintenance intervals for the

engine are so long they are almost unique. The engine oil, for example, only has to be changed every 300 hours of operation. The transmission oil and its filters do not need to be replaced until after 1,200 hours. That – and the low cost of wearing and maintenance parts – means that the operating costs for an Agrokid are satisfyingly low.

1+2 The oil filler neck and dipstick are very easy to reach. Long maintenance intervals cut the operating costs for servicing and maintenance.

3 The cartridge of the intake air filter is easily pulled to the side after the clips have been detached.

4 The fuses are located directly on the steering column and can be easily exchanged as required without having to tediously detach cover paneling.

5 The battery can also be accessed easily.

ADVANTAGES

- ▶ Tool-free access to all important maintenance points
- ▶ Long maintenance intervals for oil and filters slash operating costs
- ▶ Low costs for wearing and maintenance parts
- ▶ Transmission and hydraulic oil change every 1,200 hours
- ▶ Engine oil change every 300 hours
- ▶ Easy cleaning of the cooling system



SURE AND SAFE WITH ORIGINAL DEUTZ-FAHR.



Original service is wise.

Without doubt – many can repair much. But only your DEUTZ-FAHR specialist dealer knows your tractor 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.

As you placed your trust in the original tractor, we recommend you use original parts when required. Only these comply with the high quality and safety standards of DEUTZ-FAHR and ensure correct function and operation without problems – guaranteed.



Have a word with your DEUTZ-FAHR dealer – he will be pleased to answer your questions:

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