



Agronic Acid Application & Applicator Support Kits

Agronic produces two models of acid applicators: **PDH- 10**, max. capacity 10 l/min and **PDH-20**, max. capacity 20 l/min.

The model PDH- 10 is suitable for balers and self-loading wagons, when the capacity of PDH-20 is enough even for powerful forage harvesters.

The new S-Control system is fully automated, adjusting the acid application rate for any harvesting machine.



Comprehensive Base Kit

The acid applicator base price kit includes the following accessories: Power cable with Euro connector, control cables, 200 l barrels and a suitable filter-equipped vacuum hose, a separate suction filter, hose kit, quick connectors, and hose clamps.

As a standard PDH-20 kit includes IBC Container Suction Adapter, Separate Suction Filter, Hose Kit, Quick Couplings and Hose Clamps as well as a relay cable, start-up and stop command from a harvester. The PDH-20 also always requires an LCD.

Accuracy and Ease of Use: In a Class of its Own

Thanks to the intelligent control electronics, the flow is always kept constant. Operating voltage fluctuations, suction or pump head, or the amount of fluid in the tank will not affect the amount of return.

Application rate is clearly indicated in liters.

Monitoring System

If there is air in the reservoir following its replacement, the pump will start at maximum power for the time necessary to bleed the system. The hoses are immediately filled, and accurate application starts immediately. The control system will sound an alarm if the set distribution rate is not obtained, and once the acid reservoir is empty the pump will stop automatically.

S-Control System

S control provides full automatic application with any harvesting machine. The device has three sensor inputs, each sensor input will stop or start acid applicator independently: for example, when the pick-up is lifted, when the net binding is started, and when the bale chamber door is opened. The sensor inputs can be mounted as switches or as inductive sensors. Not all of them need to be introduced.

One sensor input is provided as "trip calculation" function, and the applicator automatically calculates the loads or the bales, and the amount of acid needed to be applied to them. Agronic applicators are also capable of being used in an automatic application of litres-to-bale format.

Self-Loading Wagons

For self-loading wagons a kit consisting of a 190 cm long stainless steel applicator with four fan nozzles, wiring harness, power cable, pick-up sensor, and a connector a fast connector for the reservoir is available.

Operation with Specific Baler Models

With all Agronic ACC Pulse and 1302RR from 2009 onwards, MidiVario, MidiFix, Multibaler, New Holland Rollbaler 125 and 135 Ultra, Case IH RB 544, Orkel HiQ and Orkel 1260, Exact matched pump kits are available for all of the above mentioned balers.

Not just starting, but also the amount of acid to be applied. The dosing rate in litres per minute or per bale.

For example, if the operator wishes to apply more acid to the surface of the bale more acid. The amount of acid per bale is displayed in real time, and the amounts of acid applied are stored in the baler drive customer-specific pre-sets. All manufactures have this function for application in the pre-programming, and can be available also an upgrade or retrofit to the operating system.

During the peak season in Finland, if a pump system malfunctions or breaks, a refurbished replacement unit can be delivered to the customer for a fixed price. This emergency service is available 24/7 during the peak season.



Fan nozzle series. There are three different fan nozzlebars. (with 2 or 3 nozzles for balers, and with 4 nozzles for loading wagons). The delivery tube, fittings, and nozzles are made of stainless steel. The nozzles are colour coded according to the application pattern..



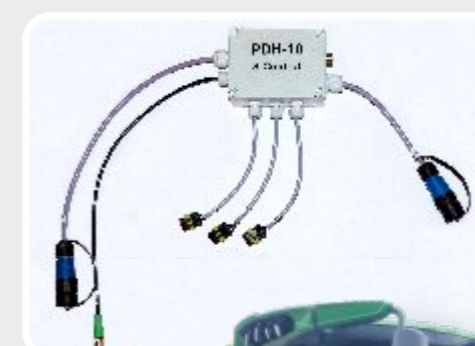
The filtration system features double suction, and equipped with washable filters.



Optionally available is this display device. Here the application system has a trip master function, a designated counter with 8 memory locations, as well as programmable transfer pump function, along with the S-Control: in which a fully automated application setting can be created.



The standard compact control is easy to install in the tractor cabin. An LED indicator warns of any problems. The desired dosage rate can be set directly to the applicator nozzles. Can be used in combination with the S-Control: in which an automatic acid application rate can be set without the use of a trip counter.



The S-Control provides complete automation of acid application with any harvesting machine. The device has three sensor inputs, each sensor input to start and stop the acid applicator independently. One sensor input is equipped with a trip counter. The acid applicator automatically calculates the loads or bales and the acid to be applied.



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