

# PNEUMATIC SEEDERS FERTILIZER EDITION

The non-corrosive fertiliser experts

VISIBLY BETTER &  
NOTICEABLY MORE EFFICIENT



## FROM USER TO ENTREPRENEUR



It has been clear to Jürgen Schöls (CEO) right from the start that he loves agriculture. This is why he took over the family farm and is still running it today. As a farmer and handyman, he continued developing his single-disc spreader in 1997. He recognised that his optimisation had potential and founded APV - Technische Produkte GmbH.

The first APV implements were handmade by the young entrepreneur himself and today he has 150 employees. The entire company works under the motto: EVERYTHING IS POSSIBLE! Giving, and then giving some more, and good things will come back! The dynamic company questions everything, takes nothing for granted and optimises good existing concepts.

***“Every modern farmer uses APV technology on his farm.”***

*The Managing Director's vision, CEO*

### Company details

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### MORE INFO ONLINE

Our entire range of products is available at  
[www.apv.at](http://www.apv.at).

Take advantage of the individual consultation  
with our sales team.

## PNEUMATIC SEEDERS FERTILISER EDITION

### YOUR INDIVIDUAL APV SOLUTION

The Pneumatic Seeder Fertiliser Edition (PSD) from APV enables you to individualise your professional implement according to your needs. A large selection of hopper sizes, seeding shafts and fans allow us to offer you a customised solution for every need and budget.



### PRECISE METERING WITH EXCELLENT LATERAL DISTRIBUTION

The precise spreading of seeds, fertiliser and plant protection granules helps you to obtain excellent yield. The Pneumatic Seeders of the Fertiliser Edition from APV apply your spreading material efficiently and in an environmentally friendly manner.

APV helps you to use your equipment efficiently, because:

- Fewer crossings through the combined use of the seeder on a soil tilling implement or a seed drill means your work duration, the device wear, as well as the soil compaction are reduced and you save fuel.

### THE RIGHT IMPLEMENT FOR EVERY PROFESSIONAL

All versions of the PS Fertiliser Edition from APV are characterised by:

- The entire seeder is airtight and non-corrosive: All powder-coated parts are protected with a non-corrosive CDC coating (standard in the car industry).
- All standard parts, the agitator and the brush adjustment are made of stainless steel.
- Precise metering and exact lateral distribution across the entire working width.
- Universal mounting options on almost all implements, such as for example seed drills, single grain machines, culture maintenance implements, soil tillage implements or combine harvesters - irrespective of manufacturer.
- Easy adjustment & comfortable calibration test.



# PS 120 M1 D / PS 200 M1 D / PS 300 M1 D

## THE NON-CORROSIVE "LITTLE ONES"

The PS 120, 200 and 300 M1 D are professional Seeders to be used in small and medium enterprises. They differ from each other by hopper size.

### TECHNICAL DATA

✈	Working width.....	1 - 6 m with electric double fan, 8 outlets
	.....	1 - 7 m with hydraulic fan, 8 outlets
	.....	1 - 12 m with hydraulic fan, 16 outlets <sup>1</sup>
✈	Dimensions.....	H 90 cm, W 60 cm, D 80 cm (PS 120 M1)
	.....	H 100 cm, W 70 cm, D 90 cm (PS 200 M1)
	.....	H 110 cm, W 80 cm, D 100 cm (PS 300 M1)
🍂	Seed hopper.....	120 l / 200 l / 300 l plastic hopper
⚖	Net weight elec. / hydr. ....	45 kg / - (PS 120 M1)
	.....	60 kg / 83 kg (PS 200 M1)
	.....	70 kg / 93 kg (PS 300 M1)
⚡	Power data.....	12 V / 25 A
	.....	Max. required pressure: 180 bar Max. required oil quantity: 38 l / min

If equipped with hydraulic fan, 1 single-acting control unit (coupling size BG 3) + 1 pressureless return flow (coupling size BG 4) are required.

### ITEMS INCLUDED

- Complete non-corrosive seeder<sup>2</sup> with hoses (25 m)
- Seeding shaft for fine seeds (fine seed stores, micro granules, etc.) and seeding shaft for coarse seeds (fertiliser, cereals, etc.)
- Agitator made of stainless steel
- 6 m cable from seeder to control box
- Non-corrosive calibration slide, calibration bag, counter plate (galvanised), seed scale
- Fan monitoring<sup>3</sup> for hydraulic fan
- 8 stainless steel dispersion plates & 4 galvanised hexagonal bars (for mounting the dispersion plate)



<sup>1</sup> optional (8 outlets with 8 Y distributors (see page 21) or doubling pieces (see page 18) available as accessories)

### YOUR BENEFITS

#### PS 120 M1 D AND PS 200 M1 D

- Due to the compact size, ideal for implements with restricted space (e.g. foldable implements)
- There is little weight on the soil tillage implement and on the seed drill

#### PS 300 M1 D

- Comfortable operation also in the case of larger spread rates
- Saves time, because refilling is not necessary very often



### BENEFITS OF ALL APV FERTILISER PS

- Spreading of fertilisers, micro granules, pesticides and catch crops
- All powder-coated parts (except hydraulic fan) with CDC coating (automotive standard)
- Standard parts (bolts, flat discs, nuts, etc.), agitator, brush adjustment made of stainless steel
- Airtight and corrosion-resistant seeding shaft cover
- Pressure gauge for optimal air flow setting for hydraulic fan



### ACCESSORIES

- Calibration button<sup>4</sup>
- Conversion kit fill level sensor<sup>3</sup>
- Accessory kit fan speed (rpm) sensor<sup>5</sup> for hydraulic fan
- Extension cable PS MX 2 m
- Extension cable PS MX 5 m
- Power cable for tractors 8 m
- Mounting kit top link PS 120 M1 - PS 500 M2
- Sensors<sup>4</sup>



<sup>2</sup> You require a suitable Control Box (page 12-15).  
<sup>3</sup> For use with the Control Box 1.2 & 5.2 & 6.2

<sup>4</sup> For use with the Control Box 5.2 & 6.2  
<sup>5</sup> For use with the Control Box 6.2



# PS 500 M2 D

## EQUIPMENT FOR ANY APPLICATION

The PS 500 M2 D convinces primarily with its multiple applications. With a hopper capacity of 500 litres, this special implement is able to take up large quantities of spreading material. We recommend the PS 500 M2 D to farmers and contractors managing large surfaces.

## TECHNICAL DATA

↗	Working width.....	1 - 6 m with electric double fan, 8 outlets ..... 1 - 7 m with hydraulic fan, 8 outlets ..... 1 - 12 m with hydraulic fan, 16 outlets <sup>1</sup>
✂	Dimensions.....	H 125 cm, W 80 cm, D 120 cm
🍃	Seed hopper.....	500 l plastic hopper
⚖	Net weight elec. / hydr. ....	93 kg / 116 kg
⚡	Power data.....	12 V / 25 A ..... Max. required pressure: 180 bar Max. required oil quantity: 38 l / min

If equipped with hydraulic fan, 1 single-acting control unit (coupling size BG 3) + 1 pressureless return flow (coupling size BG 4) are required.

## ITEMS INCLUDED

- Complete non-corrosive seeder<sup>2</sup> with hoses (25 m)
- Seeding shaft for fine seeds (fine seed stores, micro granules, etc.) and seeding shaft for coarse seeds (fertiliser, cereals, etc.)
- Agitator made of stainless steel
- 6 m cable from seeder to control box
- Non-corrosive calibration slide, calibration bag, counter plate (galvanised), seed scale, fill level sensor<sup>3</sup>
- Fan monitoring<sup>3</sup> for hydraulic fan
- 8 stainless steel dispersion plates & 4 galvanised hexagonal bars (for mounting the dispersion plate)



1 optional (8 outlets with 8 Y distributors (see page 21) or doubling pieces (see page 18) available as accessories)

## YOUR BENEFITS

### COMFORTABLE OPERATION

- Fill level sensor<sup>3</sup> that reminds you on time to refill fertilisers or seeds
- Infrequent refilling due to large hopper
- Larger hopper opening that facilitates filling

### VERSATILITY

- You are equipped for almost any application



## BENEFITS OF ALL APV FERTILISER PS

- Spreading of fertilisers, micro granules, pesticides and catch crops
- All powder-coated parts (except hydraulic fan) with CDC coating (automotive standard)
- Standard parts (bolts, flat discs, nuts, etc.), agitator, brush adjustment made of stainless steel
- Airtight and corrosion-resistant seeding shaft cover
- Pressure gauge for optimal air flow setting for hydraulic fan



## ACCESSORIES

- Calibration button<sup>4</sup>
- Accessory kit fan speed (rpm) sensor<sup>5</sup> for hydraulic fan
- Extension cable PS MX 2 m
- Extension cable PS MX 5 m
- Power cable for tractors 8 m
- Mounting kit top link PS 120 M1 - PS 500 M2
- Sensors<sup>4</sup>



2 You require a suitable Control Box (page 12-15).

3 For use with the Control Box 1.2 & 5.2 & 6.2

4 For use with the Control Box 5.2 & 6.2

5 For use with the Control Box 6.2








# PS 800 M1 D

## LARGE VOLUME FOR GREATER CHALLENGES

The PS 800 M1 D with 800 l capacity has the largest hopper volume of the Pneumatic Seeder Fertiliser Edition. All components are perfectly adapted for intensive use. The seeder is equipped with 16 outlets, a strong hydraulic fan and a steel hopper, as well as many other extras.

### TECHNICAL DATA

	Working width.....	3 - 12 m with hydraulic fan, 16 outlets ..... 3 - 12 m with hydraulic fan, 32 outlets <sup>1</sup>
	Dimensions.....	H 125 cm, W 100 cm, D 170 cm
	Seed hopper.....	800 l steel hopper
	Net weight.....	250 kg
	Power data.....	12 V / 25 A ..... Max. required pressure: 180 bar Max. required oil quantity: 38 l / min

One single-acting control unit (coupling size BG 3) + 1 pressureless return flow (coupling size BG 4) required.

### ITEMS INCLUDED

- Complete non-corrosive seeder<sup>2</sup> with hoses (75 m)
- Seeding shaft for fine seeds (fine seed stores, micro granules, etc.) and seeding shaft for coarse seeds (fertiliser, cereals, etc.)
- Agitator made of stainless steel
- 6 m cable from seeder to control box
- Non-corrosive calibration slide, calibration bag, counter plate (galvanised), seed scale, fill level sensor<sup>3</sup>
- Fan monitoring with fan speed (rpm) sensor<sup>3</sup>
- 16 stainless steel dispersion plates & 8 galvanised hexagonal bars (for mounting the dispersion plate)
- Crane straps for easier handling during mounting
- Foreign body sieve



### YOUR BENEFITS

#### COMFORTABLE OPERATION

- Fill level sensor<sup>3</sup> that reminds you on time to refill fertilisers or seeds
- Infrequent refilling
- Easier filling due to large hopper opening for big bag
- Reversible hopper cover
- On/off agitator

#### VERSATILITY

- Spreading of large quantities of seeds per hectare
- You always have a second seeding shaft in parking position with you



### BENEFITS OF ALL APV FERTILISER PS

- Spreading of fertilisers, micro granules, pesticides and catch crops
- All powder-coated parts (except hydraulic fan) with CDC coating (automotive standard)
- Standard parts (bolts, flat discs, nuts, etc.), agitator, brush adjustment made of stainless steel
- Airtight and corrosion-resistant seeding shaft cover
- Pressure gauge for optimal air flow setting for hydraulic fan



### ACCESSORIES

- Calibration button<sup>3</sup>
- Extension cable PS MX 2 m
- Extension cable PS MX 5 m
- Power cable for tractors 8 m
- Sensors<sup>4</sup>



<sup>1</sup> optional (16 outlets with 16 Y distributors (see page 21) or doubling pieces (see page 18) available as accessories)

<sup>2</sup> You require a suitable Control Box (page 12-15).

<sup>3</sup> For use with the Control Box 5.2 & 6.2



# PS 300 M1 D TWIN

## BEST RESULTS DUE TO DIVIDED HOPPER AND TWO SEEDING SHAFTS

The PS 300 M1 D TWIN makes it possible to spread two entirely different seed types/fertilisers with one machine. The hopper is divided in the middle by a partition wall. With the Control Box 5.7, every side of the seeding shaft can be controlled separately.

### TECHNICAL DATA

➤ Working width.....	3 m with 4 outlets per seeding shaft (8 outlets with 8 Y distributors or doubling pieces available as accessories)
✂ Dimensions .....	H 105 cm, W 75 cm, D 100 cm (PS 300 TWIN + elec. fan) ..... H 105 cm, W 70 cm, D 115 cm (PS 300 TWIN + hydr. fan)
🍃 Seed hopper .....	300 l steel hopper with hopper division
⚖ Net weight elec. / hydr. ....	100 kg / 123 kg
⚡ Power data .....	12 V / max. 40 A ..... Max. required pressure: 180 bar ..... Max. required oil quantity: 38 l / min

When equipped with hydraulic fan 1 single-acting control unit (coupling size BG 3) + 1 pressureless return flow (coupling size BG 4) required.

### ITEMS INCLUDED

- Complete non-corrosive seeder<sup>1</sup> with hoses (25 m)
- Seeding shaft for fine seeds and seeding shaft for coarse seeds
- 6 m cable from seeder to control box
- Calibration slide, counter plate (galvanised)
- 2 x calibration bag, seed scale
- Fan monitoring<sup>2</sup> for hydraulic fan
- 2 x fill level sensor<sup>2</sup> (1 x per hopper half)
- 8 stainless steel dispersion plates & 4 galvanised hexagonal bars (for mounting the dispersion plate)



### YOUR BENEFITS

- Completely non-corrosive (CDC coating) as Pneumatic Seeders of the Fertiliser Edition
- Better overall sealing than PS standard
- Divided steel hopper
- Divided seeding shaft with one gearbox motor each
- Divided calibration slide
- One air flap per seeding shaft for individual air regulation
- Agitator drive via gear wheel (can be switched off)
- Power supply directly from the battery to the control box
- Control Box 5.7 with 62-pin plug
- Fill level monitoring<sup>1</sup> in each hopper half



### APPLICATIONS

- Catch crop application with several components in different grain sizes (no segregation)
- Catch crop application with several components with different positions (e.g. before the roller and in the tines)
- Spreading fertilisers and pesticides in one step, e.g. for corn cultivation
- One-sided shutoff on a machine



### ACCESSORIES

- Calibration button<sup>2</sup>
- Mounting kit top link PS 120 M1 - PS 500 M2
- Power supply AP (8 m long) (power supply cable for additional towing vehicle)
- Sensors<sup>2</sup>



<sup>1</sup> You require a suitable Control Box (page 15)  
<sup>2</sup> For use with the Control Box 5.7

## CONTROL BOX 5.2

### THE BESTSELLER

The Control Box 5.2 is the most popular version of the APV Control Boxes and includes extensive functions. Such functions as adjusting the spread rate to the travel speed, the automatic switch-off on headland, the ability to precisely regulate the electric fan or the automatic execution of the calibration test simplify work enormously.



### FUNCTIONS

- Regulation and monitoring of the seeding shaft through the electronics
- Electronic adjustment of the spread rate during operation
- Emptying
- Automatic calibration test (only weighing!)
- Calibration test: option of displaying in kg/ha and seeds/m<sup>2</sup>
- Calibration of the speed
- Headland management (in conjunction with linkage sensor)
- Automatic adjustment of the spread rate to the forward speed (in conjunction with speed sensor)
- Implement monitoring (in conjunction with implement sensors. Example: fan monitoring and fill level sensor)
- Pre-metering
- Calibration test right at the implement (in conjunction with the calibration button)
- Regulation of the electric fan
- Display of the operating voltage and the amperages
- Total hours and daily hours counter
- Total hectares and daily hectares counter
- Selection of different languages
- Choice between different measuring units (metric, imperial)



### ITEMS INCLUDED WITH ACCESSORY KIT

- Control Box 5.2
- 1.5 m cable for the power supply from the 3-pin plug to the control box
- Control box bracket
- Operating instruction

The Control Box 5.2 is optimised for use with the following PS:

- PS 120 M1 D
- PS 200 M1 D
- PS 300 M1 D
- PS 500 M2 D
- PS 800 M1 D



## CONTROL BOX 6.2

### THE TOUCH CONTROLLER

The Control Box 6.2 convinces with even more functionality for the professional farmer and contractor. The large touch display shows all key machine processes at one glance. The menu is designed for intuitive operation with self-explanatory symbols.

Due to the additional functions, such as the automatic pre-metering of the seeds and the creation of a seed library, you are able to configure the use of your seeder even more efficiently.



### FUNCTIONS

- **All functions of Control Box 5.2** in addition:
- Seed library: Store your regular seeds and switch the application by pressing a button (without a new calibration test)
- Remaining quantity indicator (surface & itinerary)
- Storage of up to 5 speed calibration values for regular use of different tractors
- Speed indicator with hydraulic fan (optional fan speed (rpm) sensor)
- Automatic pre-metering
- Operation via the touch colour display
- Update option via USB flashdrive and Internet
- Robust aluminium case



### ITEMS INCLUDED WITH ACCESSORY KIT

- Control Box 6.2
- 1.5 m cable for the power supply from the 3-pin plug to the control box
- Control box bracket (RAM C ball, RAM C holding arm)
- Operating instruction

The Control Box 6.2 is optimised for use with the following PS:

- PS 120 M1 D
- PS 200 M1 D
- PS 300 M1 D
- PS 500 M2 D
- PS 800 M1 D



# CONTROL BOX 1.2

## THE SOLID BASE

The Control Box 1.2 is the ideal starter module and is characterised by its compactness. It controls the fundamental seeding functions and is compatible with selected implement sensors. Adjustment of the speed of the seeding shaft and fan is easy, quick and straightforward.



### FUNCTIONS

- Electronic control and monitoring of the seeding shaft
- Electronic control and monitoring of electric fan
- Electronic adjustment of the spread rate during operation
- Calibration test
- Acoustic and visual error warning
- Emptying
- Implement monitoring (in combination with sensors. Example: fan monitoring)
- Possibility of fill level alert (in combination with sensors. Example: fill level sensor)



### ITEMS INCLUDED WITH ACCESSORY KIT

- Control Box 1.2
- 1.5 m cable for the power supply from the 3-pin plug to the control box
- Control box bracket
- Operating instruction

The Control Box 1.2. is optimised for use with the following seeders:

- PS 120 M1 D
- PS 200 M1 D
- PS 300 M1 D
- PS 500 M2 D



# CONTROL BOX 5.7

## THE TWIN CONTROL BOX

The Control Box 5.7 completes the PS 300 M1 D TWIN and allows the separate control of two seeding shafts. With the same type of functioning, the Control Box 5.7 also offers the possibility to operate up to two APV Seeders in parallel and independently of each other with an additional adapter cable. In order to complete the package of the multitasking Control Box, the control is compatible and can be combined with any sensors<sup>1</sup>.



### FUNCTIONS

- **All functions of the Control Box 5.2** in addition:
- Independent control of up to two seeding shafts and an electric fan (PS 300 M1 D TWIN)
- Parallel operation of up to two APV seeders independently of each other with electric or hydraulic fan
- No limitation on the use of additional implement sensors



### USER'S INSTRUCTIONS

- When jointly using two PS with electric fan or two MDP, pay attention to a possible reduction of the ventilation system performance due to the greater power consumption.



### ITEMS INCLUDED WITH ACCESSORY KIT

- Control Box 5.7
- Power supply cable AP 8 m
- Spare fuse
- Controller bracket (RAM C ball, RAM C holding arm)
- Operating instruction

The Control Box 5.7 is optimised for use with the following PS:

- PS 300 M1 D TWIN

Individual or parallel use:

- PS 120 M1 D
- PS 200 M1 D
- PS 300 M1 D
- PS 500 M2 D
- PS 800 M1 D



<sup>1</sup> Except fan speed (rpm) sensor





# SEEDING SHAFTS

These seeding shafts have special corrosion protection.

## PS FERTILISER EDITION




### STANDARD EQUIPMENT

The scope of delivery of all Pneumatic Seeders Fertiliser Edition includes the following seeding shafts.

TYPE	PHOTO	RELIABLE METERING OF THE FOLLOWING SEED TYPES		
THE FINE-BLIND <b>fb-f-fb-fb</b>		• Mustard	• Phacelia	• Micro granules
THE FLEX 20 <b>fb-Flex20-fb</b>		• Peas	• Beans	• Fertilisers

### ACCESSORIES



You can purchase the following seeding shafts as accessories.

THE FINE-FULL <b>fb-fv-fv-fb</b>		• Clover	• Cress	• Micro granules
THE EXTRA FINE-FULL <b>fb-efv-efv-fb</b>		• Canola		
THE FINE <b>f-f-f-f</b>		• Grass	• Mustard	• Cress
THE FLEX 10 <b>fb-fb-Flex10-fb</b>		• Micro granules fertilisers	• Buckwheat	• Vetch
THE FLEX 40 <b>Flex40</b>		• Fertilisers	• Cereals	• Peas

## TWIN-PS


### STANDARD EQUIPMENT

The scope of delivery of the Pneumatic Seeder TWIN includes the following seeding shafts.

THE FINE-BLIND <b>fb-f</b>		• Mustard • Clover	• Phacelia	• Micro granules
THE FLEX 20 <b>Flex20</b>		• Cereals	• Fertilisers	• Buckwheat

### ACCESSORIES

You can purchase the following seeding shafts as accessories.

THE FINE <b>f-f</b>		• Grass	• Cereals	• Cress
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# FAN

Depending on the area of application, we recommend different types of fans. The fans differ in terms of the air output, in the requirements for the connection (electric, hydraulic or PTO) and in the price.

- The PS 120-500 can be equipped with all three types of fans - the electric fan, the hydraulic fan and the PTO fan. We recommend that you allow our sales staff or sales partners to advise you about the suitability of the individual fans for your applications.
- For the PS 800, we offer an even more powerful hydraulic fan as a standard.<sup>1</sup>

An overview of the functions for each fan is shown below.

## ELECTRIC FAN <sup>2</sup>



The electric fan is the basic version. It is suitable for spreading over small working widths. Advantage of the electric fan is that you do not need a hydraulic connection.

## HYDRAULIC FAN



If the air output of the electric fan is not sufficient, the hydraulic fan is the right choice. It is suitable for spreading over large working widths or high spreading rates.

**Max. benötigter Druck:** 180 bar  
**Max. benötigte Ölmenge:** 38 l / min

## PTO FAN



Similar to the hydraulic fan, the PTO fan provides high air output for spreading over large working widths. The PTO fan is the alternative if you cannot use a hydraulic fan.

<sup>1</sup> Due to the special requirements of the PS 800 M1, only the use of the hydraulic fan is possible.  
<sup>2</sup> The electric fan is a powerful double fan.

## PS FOR SPECIAL APPLICATIONS

The "PS for special applications" increases the number of hose outlets on your PS. Purchase is only possible when buying a new Pneumatic Seeder, since the entire seeder is adapted to the extension. As a result, we guarantee precise metering and excellent lateral distribution.



### YOUR BENEFITS

- The PS 120 M1 - PS 500 M2 are offered with 9-16 outlets.
- On the PS 800 M1, we offer the doubling from 16 to 32 outlets.
- Accurate lateral seed distribution for large working widths
- Precise seed placement
- Direct metering of the seeds in up to 16 seeding coulters (PS 120-500) or up to 32 seeding coulters (PS 800)
- Individual adjustment: All components of the PS are adapted to the extended outlets at the APV factory.
- Easy hose laying
- All quality standards stay maintained.

### NOTIFICATION

The Pneumatic Seeders for special applications

- are not suitable for large and heavy seeds (e.g. peas, beans).
- can only be purchased when buying a new Seeder, because it is installed right at the APV factory.

Allow us to advise you for your other planned applications as well.



## SENSORS

To be able to take advantage of all functions of your Pneumatic Seeder, we offer a wide selection of sensors as accessories. The selection of the right sensor depends on different factors. Take advantage of the advice of our experts to help you decide which sensors are suitable for you.



### SPEED SENSORS

Speed sensors transmit your forward speed to the Control Box<sup>1</sup>. Based on this information, the controller automatically adapts the spread rate to the forward speed.

You can select among the following sensors depending on your requirements:

- Sensor GPSa
- Radar sensor MX 35
- Wheel sensor
- 7-pin signal cable



### SENSORS FOR HEADLAND MANAGEMENT

When you lift out your implement, this sensor transmits the information to the Control Box<sup>1</sup>. The seeding shaft stops and starts automatically when the implement is ready for operation again.

You can select among the following sensors depending on your requirements:

- Linkage sensor top link
- Linkage sensor chassis
- Linkage sensor pull switch
- Linkage sensor hydraulic
- Linkage sensor inductive



### SENSORS FOR IMPLEMENT MONITORING

We offer implement sensors such as fill level sensors as well as fan speed (rpm) sensors, which allow you to work comfortably.

- The **fill level sensor** informs you when the seed hopper is getting empty.
- The **fan speed (rpm) sensor for hydraulic fan**<sup>2</sup> continuously checks the proper speed of the hydraulic fan for your application.

<sup>1</sup> Control box 5.2, 5.7 or 6.2 are required  
<sup>2</sup> Control box 6.2 is required



## ADDITIONAL ACCESSORIES



### CALIBRATION BUTTON<sup>1</sup>



Affix the calibration button with the integrated magnet in your desired position.

**Your benefit:** Execute the calibration test and the hopper discharge directly on the implement. With the calibration button you can choose the duration of the calibration test by yourself.



### FILL LEVEL SENSOR FOR PS<sup>2</sup>



The fill level sensor triggers an alarm on the control box if there is too little seed / fertiliser in the hopper.

**Your benefit:** You will be alerted in a timely manner that the seed / fertiliser needs to be refilled.



### HOSE COUPLER



Our quick connection system is used in order to switch the PS between several soil tillage implements.

**Your benefit:** The separation process can be done without tools.

1 For use with the Control Box 5.2 & 6.2  
2 For use with the Control Box 1.2, 5.2 & 6.2

## ADDITIONAL ACCESSORIES



### AIR SEPARATOR AIR GUARD



This adjustable air separator makes sure that the air flow is separated and fertiliser / micro granules are securely placed in the desired location and also stay there (they are not blown from the channel).

**Your benefit:** Safe and careful placement of your fertiliser!



### Y DIVIDER SMOOTH



The Y divider is installed in order to split a hose. It provides a homogeneous mix of the seed and an optimal distribution on the two other hoses.

**Your benefit:** Obtain precise lateral distribution despite the splitting of the hoses.



### ACCESSORY KIT FOR PS ON 2<sup>ND</sup> SOIL TILLAGE IMPLEMENT



The accessory kit contains the key parts for mounting a PS 120 - PS 500 on a second soil tillage implement.

**Your benefit:** This means that these parts do not need to be dismantled and assembled.

## ADDITIONAL ACCESSORIES

### + CALIBRATION SLIDE WITH HOSE



The calibration slide with a hose makes the calibration test and residual emptying of the PS hopper easier at locations difficult to access.

**Your benefit:** Easy calibration test

### + FAN SPEED (RPM) SENSOR FOR HYDRAULIC FAN<sup>1</sup>



This sensor enables that the speed of the hydraulic fan is displayed on the Control Box 6.2.

**Your benefit:** You can always check, if the right speed is set according to the application.

### + SUBSEQUENT INSTALLATION OF 3-PIN STANDARD PLUG ON TRACTOR<sup>1</sup>



The 8 m cable is screwed on the battery side directly with the battery poles and a 3-pin standard plug is mounted at the other end, which can be installed permanently in the tractor.

**Your benefit:** This simplifies the dismantling and assembly of devices with a 3-pin standard plug.

## ADDITIONAL ACCESSORIES

### + PLATFORM KIT MODULAR



This kit enables you to retrofit a platform including a step on your soil tillage implement.

**Your benefit:** You can easily get to your seeder.

### + MOUNTING AND PLATFORM KIT UNIVERSAL



This kit is mounted on the back crossbar of the soil tillage implement, so the spreader can be assembled. The mounting kit includes a platform with steps and a bracket whose angle can be adjusted for the mounting of the Disc Spreader, Multi-Metering System or Pneumatic Seeder PS 120 - 500 (with electric or hydraulic fan).

**Your benefit:** You can use your seeder even, if there is no space for mounting it on the soil tillage implement.

### + CONTROL BOX BRACKET



The control box bracket can be mounted on an existing Müller bracket (tube).

**Your benefit:** Attach your Control Box optimally on your tractor.



# *Innovations for the Future*

*- since 1997 -*



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