



AMAZONE

Linkage-mounted seed drill **D9**

Harrow-mounted seed drill **AD**



The renowned classics

D9 and AD conventional seed drill combinations



The conventional seeding combinations, D9 and AD, stand for uncompromising reliability and quality more than any other seed drill on the market. The D9 linkage-mounted seed drill, in working widths of 2.5 m to 4 m, or the AD harrow-mounted seed drill with a working width of 3 m, provide the right seed drill for either sowing after the plough or mulch sowing in any farming situation. First-class seedbed preparation and accurate seed placement have always been features of our tried and tested D9 and AD models.



Reliable, tried and tested, and successful

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Soil tillage

Discover the possibilities

Keep the flexibility

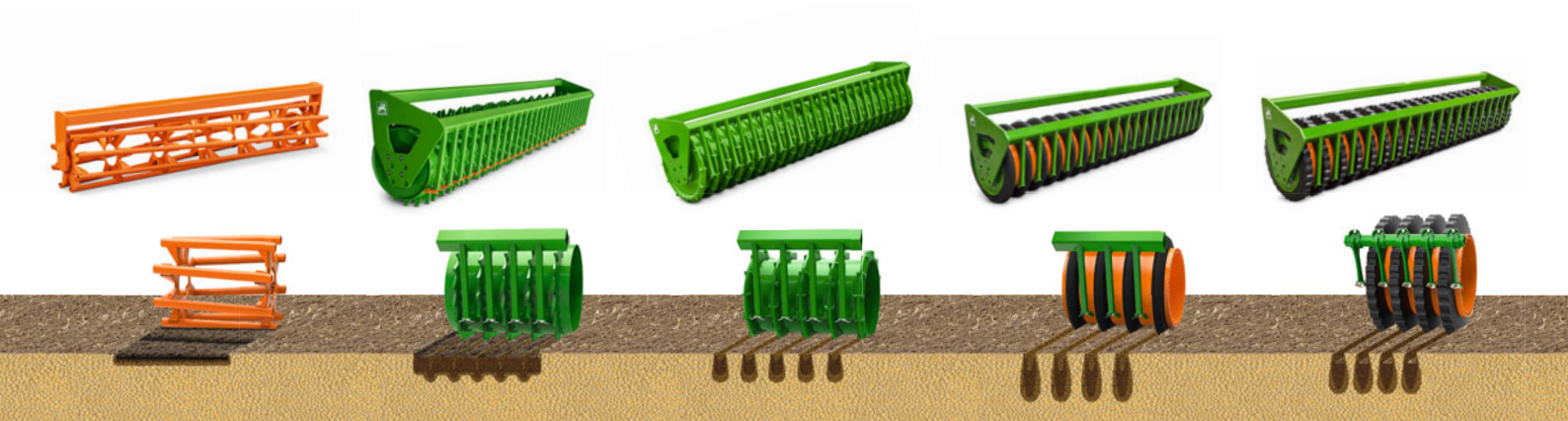
The AD harrow-mounted seed drill and the D9 linkage-mounted seed drill can be combined with either a KE Rotamix rotary harrow, the KX Cultimix rotary cultivator or the KG Cultimix rotary cultivator.

With various models of roller available, it is possible to specify a complete unit of soil tillage tool and drill that are perfectly matched to the prevailing soil conditions.



KG Cultimix rotary cultivator

Wide roller programme – for any location the right roller



SW cage roller/520 mm

PW tooth packer roller/600 mm

TRW trapezium roller/500 mm/600 mm

Wedge ring roller KW/520 mm/580 mm

KWM wedge ring roller with Matrix tyre profile/600 mm



KX Cultimix rotary cultivator



KE Rotamix rotary harrow

i More detailed information can be found in the separate product brochure available from your sales partner

The choice is yours

Mounted or demounted – clever, simple and flexible

Thanks to the “liftpack” system used with the D9 linkage-mounted seed drill, or the QuickLink release coupling system of the AD harrow-mounted seed drill, the drill itself can be easily and quickly linked to the various AMAZONE

soil tillage systems without the need for tools. In this way, the most appropriate and versatile sowing combination can be put together to cope with the most diverse of soils and applications.

KE Rotamix rotary harrow or
KX Cultimix rotary cultivator or
KG Cultimix rotary cultivator

with rollers

- ✔ SW cage roller
- ✔ PW tooth packer roller
- ✔ TRW trapezium roller
- ✔ KW wedge ring roller or
- ✔ KWM wedge ring roller with Matrix tyre profile



D9 linkage-mounted seed drill or
AD harrow-mounted seed drill

The rotary harrow with a “Liftpack” system and
linkage-mounted D9 3000 seed drill





The D9 linkage-mounted seed drill is also ideal for use on its own



Optional coupling parts

The "Liftpack" system for the D9 mounted seed drill

The AMAZONE "Liftpack" system allows the D9 mounted seed drill to be combined with a soil tillage system. Thus seedbed preparation and sowing can be combined in a single pass. Mounting requires only a few steps and no tools.

Coupling parts for the D9

Optional coupling parts are available for the rigid attachment of the D9 mounted seed drill to a soil tillage machine.

The QuickLink release coupling system for the AD harrow-mounted seed drill

Thanks to the intelligent QuickLink quick coupling system, the AD drill combination can be very easily separated within a few minutes. As a result, the soil tilling machine is also perfect for solo use.



Three easily accessible coupling points of the QuickLink quick coupling system ensure the safe, tool-less and quick coupling and uncoupling procedure.

Conventional seeding technology

Robust and reliable, light and quiet!



✔ Easily accessible seed hopper



Seed hopper

The large seed hopper has a robust cover with rubber seals to keep out the dust and rain. The cover is particularly easy to operate, as it has a tubular handle and a gas-pressure cylinder. By matching the different sized seed hoppers and extensions, the capacity can be varied from 450 l to 1,000 l on a drill with a working width of 3 m.

Hopper dividers

Optionally available dividers keep the seed from sliding around in hilly terrain.

Comfortable filling

An especially wide loading board, accessible via folding rear steps, simplifies the filling of the seed drill. The very spacious fill opening dimensions ensures a quick and convenient filling process – not only from big bags and front end loader buckets but also from small sacks.

Fill level indicator

The standard mechanical fill level indicator allows the driver to keep an eye on the fill level from the tractor cab.

Rape insert kit

An optional rape insert kit can be quickly and easily attached inside the seed hopper to reduce the residual amounts of seed.



Optional dividers



Optional rape insert kit

VarioControl

Correctly metered, your seed is worth its weight in gold!



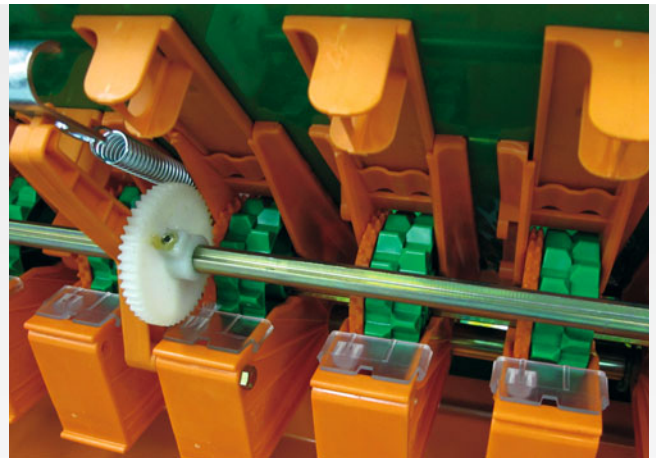
High-precision metering and calibration

The metering has been further optimised with regard to flow characteristics and longitudinal distribution. This is achieved by a combination of the 80 mm diameter “Control” seed wheel working in conjunction with the newly designed bottom flap and metering housing.

Because of the large diameter of the toothed seed wheels, the seed is singled within the metering system over a longer period. An even drive to the seed wheel is ensured by the stepless Vario gearbox.

DLG test report 5724F

Test criterion	Test result	Assessment
Consistency of seed rate	very good	++
Lateral distribution	very good	++
Assessment range: ++/+/0/-- (0 = Standard)		



The Vario gearbox – infinitely adjustable

Via the infinitely variable, smooth-running Vario gearbox, seed rates from 400 kg down to just 1.5 kg per hectare can be metered with the highest of precision. It goes without saying that any seed type, such as rape, grass seed, cereals right through to peas and beans are also metered with that same degree of accuracy. The Vario gearbox is also maintenance-free and easy to operate. The agitator can be disabled by pulling out a lynch pin when planting oil seed rape. The machine can easily be prepared for calibration.

Control seed wheels

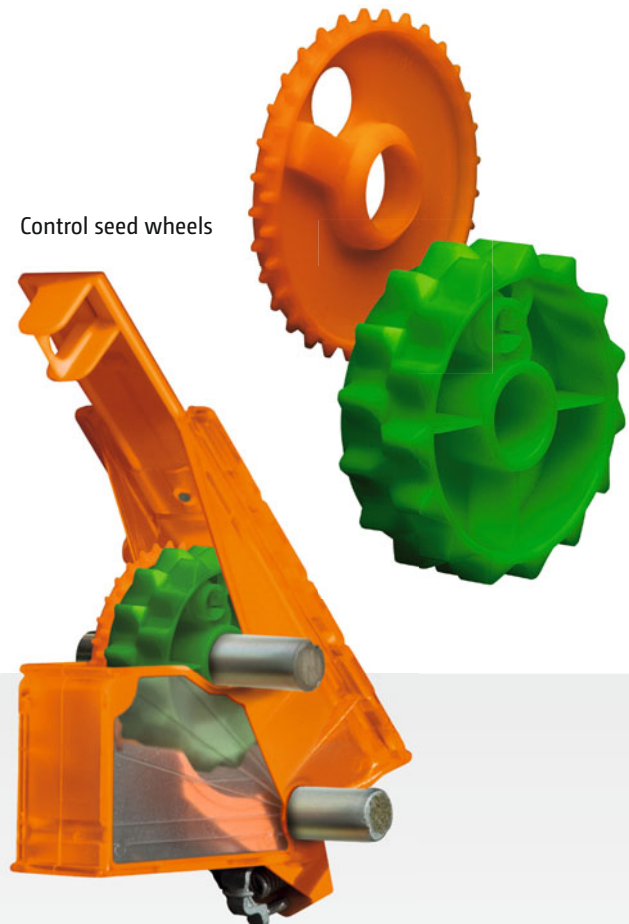
The combination of fine seed wheel (orange) and normal seed wheel (green) allows the application of seed rates from 1.5 kg/ha to 400 kg/ha without a seed wheel change. The conversion is done with just a few pins.



Internal view



Control seed wheels



Accurately metered! Simple and comfortable



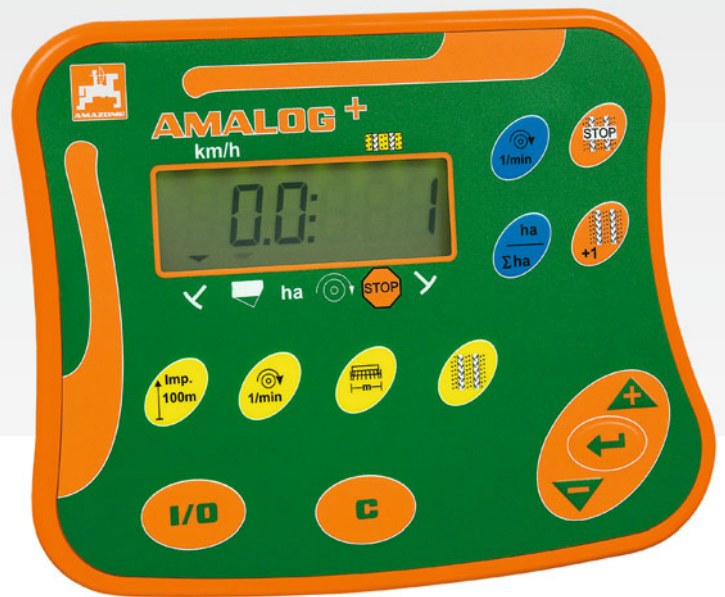
! “The comfortable solution”

(Comparison of seed drill combinations -
“Landwirt” magazine · Issue 18/2014)

AmaLog⁺ – your reliable helpmate

The AmaLog⁺ in-cab terminal has been specially designed for the operation of AMAZONE seed drills. The terminal is easy to operate and power input is via the 3-pin plug.

AmaLog⁺ enables you to control tramlining and pre-emergence marking. The creation of tramlines is controlled via a sensor. Alternate tramline rhythms can be easily programmed. The display shows you the working position of the track markers and the tramline rhythm, as well as the worked area seeded and the fill level of the seed hopper.



AmaLog⁺ in-cab terminal

Functions of AmaLog⁺

- ✔ Electronic tramlining control
- ✔ Display of tramline rhythm and track marker position
- ✔ Counting of the tramlines
- ✔ Fill level monitoring
- ✔ Hectare meter



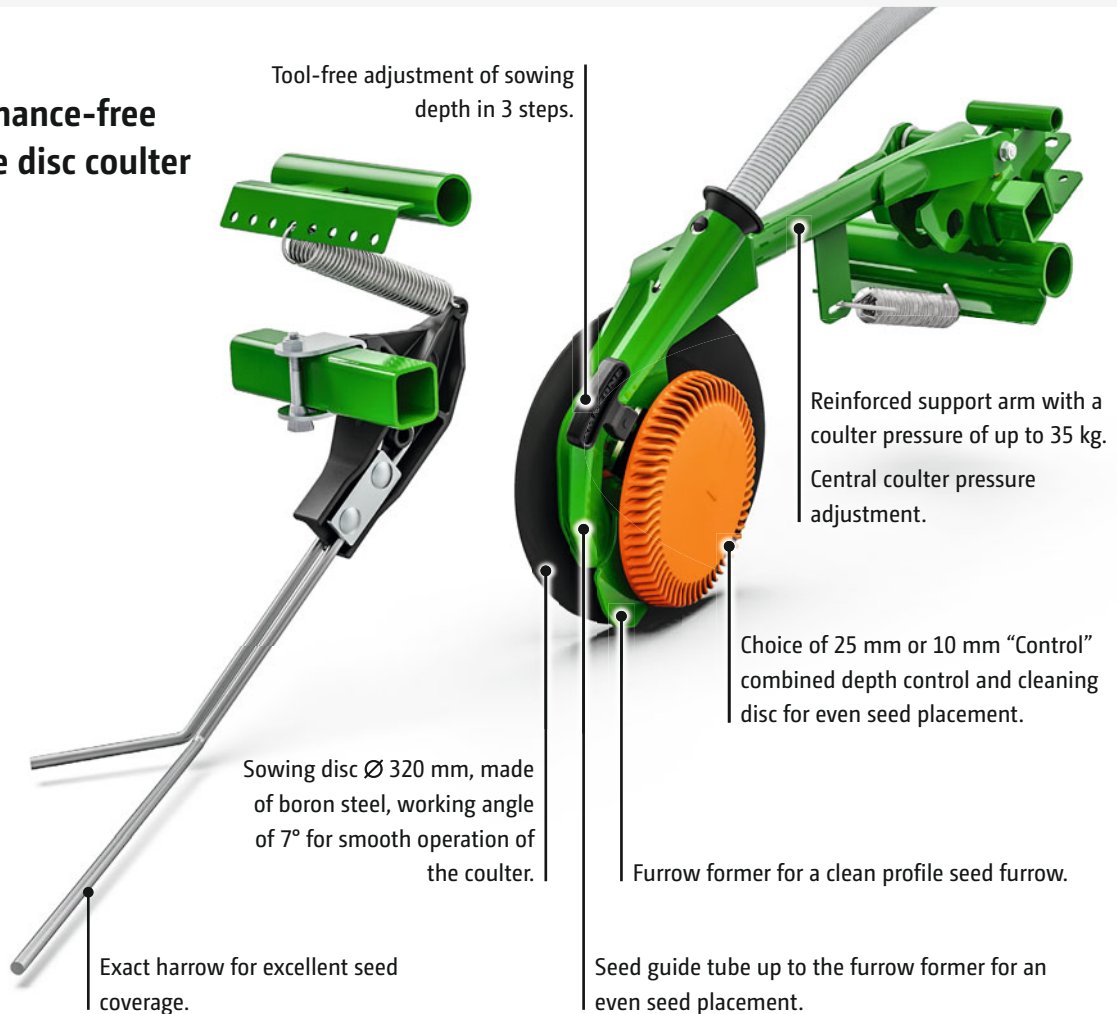
- ✔ The standard calibration kit with folding bucket and weigh scales is compact and practical to transport

RoTeC coulters

The universal single disc coulters

The RoTeC coulters system: tried and tested 1,500,000 times over!

The maintenance-free RoTeC single disc coulters

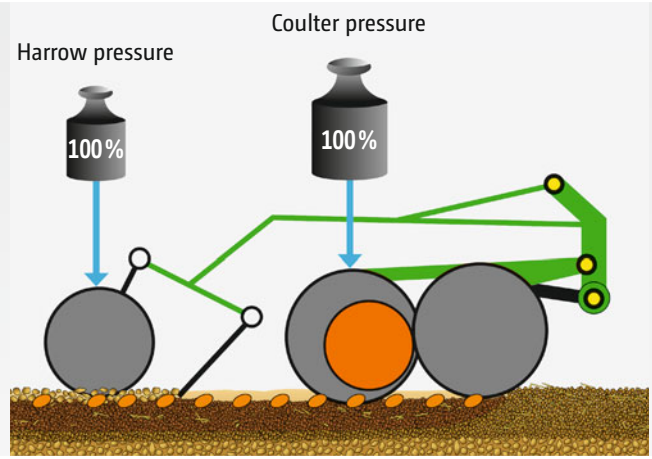


Reliable and precise

RoTeC coulters are maintenance-free and work very reliably, even where large amounts of straw and plant residues prevail. The sowing disc and a furrow former create the seed furrow profile and provide optimum seed placement into the soil. The Control 10 depth guidance disc or the Control 25 depth guidance roller prevent the soil from sticking to the sowing disc, thereby ensuring that the pre-selected sowing depth is precisely maintained.

Advantages of the RoTeC coulters

- ✔ High-performance single disc coulters for wet and sticky soil types
- ✔ High level of self-cleaning via the depth guidance disc
- ✔ Decoupling of the coulters depth control from the reconsolidation
- ✔ Up to 35 kg total coulters pressure



Ingenious independent depth control of coulters and following harrow

One of the unbeatable advantages of the RoTeC coulters is that there is no connection between depth control and the reconsolidation system. This means that the coulters are raised only once when passing a stone. Furthermore, the coulters and harrow pressure can be adjusted independently of each other. This very even and accurately controlled way of guiding the RoTeC coulters is ensured by the Control 10 depth guidance disc with its 10 mm wide contact area or the Control 25 depth guidance roller with its 25 mm wide contact area mounted directly on the coulters.

The basic setting of the sowing depth takes place without tools and in 3 steps directly on the coulters.

Coulters pressure adjustment

RoTeC coulters are operated with a coulters pressure of up to 35 kg. In this case the actual effective coulters pressure is comparatively higher than with AMAZONE, because the pressure is not distributed between the coulters and the following press roller but acts solely on the coulters. Working with less coulters pressure is possible without any problem when sowing rape or early sowing in dry conditions.

Precise and easy adjustment



✓ RoTeC coulters (Ø 320 mm) with Control 10 depth guidance disc



✓ RoTeC coulters (Ø 320 mm) with Control 25 depth guidance roller
The cleats, which are open at the rear, provide a very good self-cleaning effect.

WS suffolk coulters

A robust and accurate coulters for sowing after the plough for all D9 mounted drills

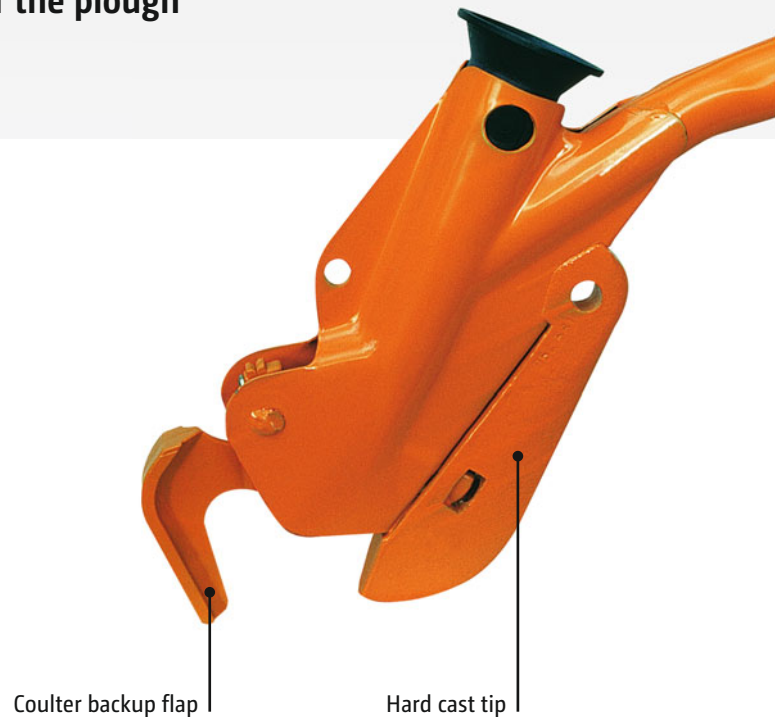
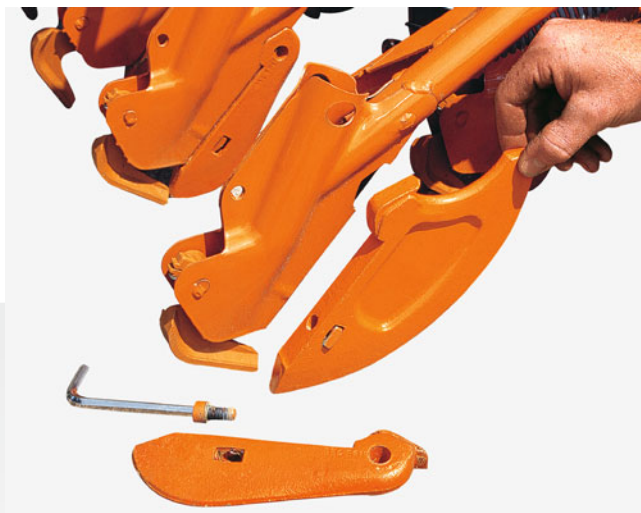
The WS suffolk coulters are particularly well-suited to sowing after the plough or if there is only a little straw present, for example, after harvesting oil seed rape or turnips. The cast material of the coulters tip has an exceptionally long service life. For larger farms with hardwearing soils, a quick coulters tip change, when replacement is necessary, is possible by removing just one bolt.

The 3-row layout and the large coulters stagger prevent blockages in amongst the coulters. A funnel in the coulters guides the seed precisely down into the coulters tip. The back-up flap prevents the coulters outlet from being blocked when the machine is set down.

Depending on the machine model, a row spacing from 12.0 cm or 16.6 cm is available (see technical data).

Sabre coulters tip

The sabre coulters tip was developed for very shallow seed placement on light soils or for mulch sowing with an average amount of prevailing straw. With minimal effort, these can be exchanged for the standard WS suffolk coulters tip.



Band sowing shoes

Band sowing shoes are easy to attach and allow the seed to be distributed in a broad strip as well as helping to reduce the placement depth.



Drag tine harrow

A robust and cost-effective alternative

The drag tine harrow can be used in conjunction with the WS coulters. If the soil has little or no straw, this is a cost-effective and soil-preserving alternative. The harrow mount-

ing has an integrated anti-reversing lock, which protects the harrow from damage if the machine should inadvertently roll back.



Following harrows



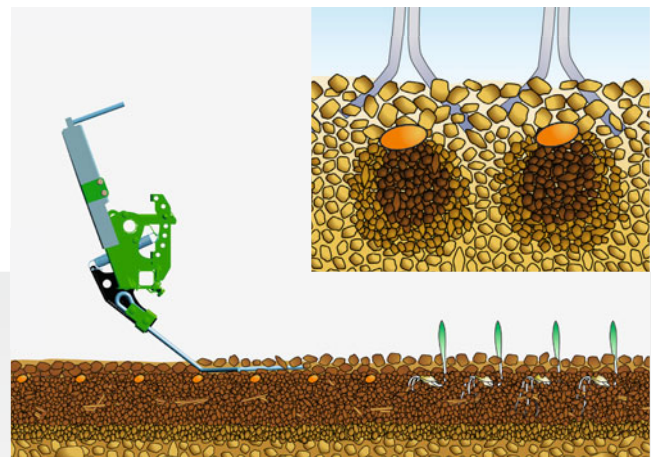
Exact harrow

The Exact harrow is used to cover the open seed furrows and to level out the soil; it works reliably, even if there are large amounts of straw present. With its individually pivoting harrow elements, the Exact harrow follows the undulations of the soil perfectly, ensuring an even seed coverage on soils either with or without straw.

The harrow pressure is mechanically adjusted by inserting a centrally-positioned pin. When equipped with hydraulic harrow pressure adjustment, a minimum and maximum value is predefined by inserting pins. Thus the harrow and coulter pressure can be simultaneously adjusted with a single tractor spool valve whilst on the move, to adjust to varying soils.

Pre-emergence markers

When creating tramlines, the marker discs automatically lower and mark where the tramline will be created. This allows the tramline position to be visible before the seed has germinated.



Exact harrow



Mechanical harrow pressure adjustment

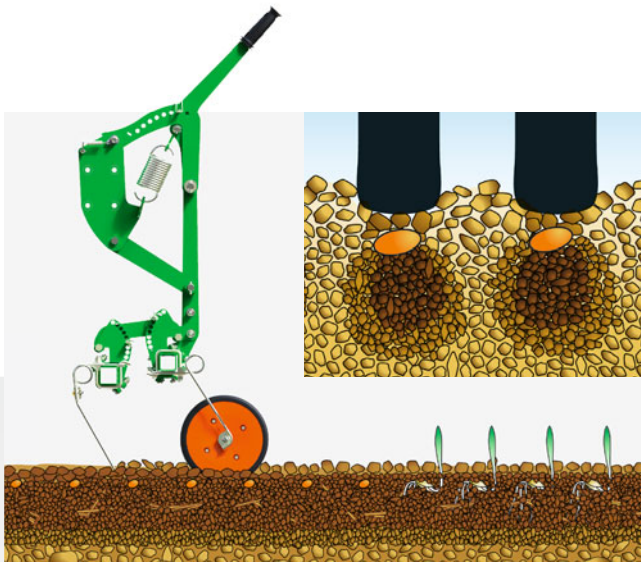
Roller harrow

Roller harrow

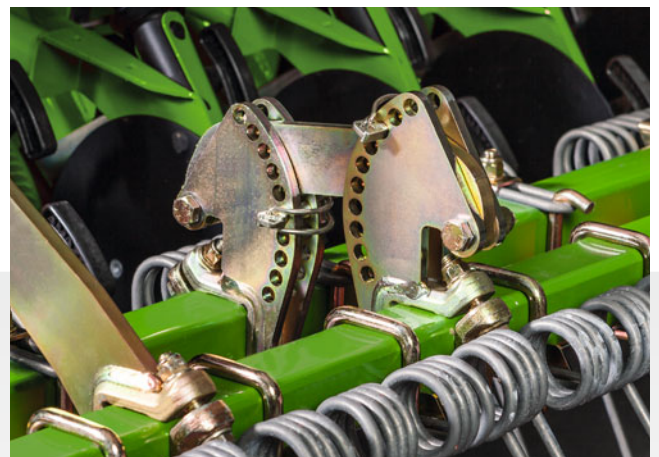
The Roller harrow additionally consolidates the soil above the seed furrow resulting in the optimum germination conditions. This is recommended especially for light, dry soils when sowing spring crops or rape. The result is an undulating surface profile that reduces erosion. The roller pressure, which can be adjusted completely independently of the coulter pressure, represents a particular advantage.

Harrow pressure adjustment

The centralised adjustment of the Roller harrow is carried out via the adjusters with overload safety protection. Thus the intensity of the roller pressure can also be very flexibly adjusted and the pressure on the rollers can also be completely released. So, the press rollers can, for instance during late autumn sowing in wet conditions, be lifted out completely. The drag tine harrow can be accurately adjusted via a series of holes.



Roller harrow



D9 mounted seed drill

Unbeatably successful. The classic seed drill

In working widths of **2.5 m,**
3 m, 3.5 m and **4 m**



The advantages at a glance:

- ⊕ A light and compact seed drill, which can also be used in solo operation
- ⊕ Centralised, infinitely variable coulter adjustment, either mechanically or hydraulically
- ⊕ Perfect depth control of the RoTeC single disc coulter via the self-cleaning Control 10 depth guidance disc or the Control 25 depth guidance roller
- ⊕ Well-cleared seed furrow thanks to a reliable furrow former
- ⊕ Good coverage of the seed with soil by the Exact harrow – even when mulch sowing!
- ⊕ Easy accessibility of the seed hopper via the safe loading board
- ⊕ Seed hopper sealed when closed via the dust-proof lid



Your reliable mounted seed drill

The D9 mounted seed drill can be used on its own or in combination with a compatible soil tillage machine when sowing after the plough or for mulch sowing. With working widths of 2.5 m to 4 m, the D9 mounted seed drills are suitable for small to medium-sized operations. The D9 can either be equipped with the WS suffolk coulters or the RoTeC single disc coulters.

The benefits

- ✔ Solo use possible
- ✔ Can be used with the KE rotary harrow or the KX/KG rotary cultivators
- ✔ Also compatible with soil tillage implements from other manufacturers

D9 Special

The D9 Special comes in working widths of 2.5 m and 3 m. This cost-effective mounted seed drill is an attractive entry-level model built to the exacting AMAZONE quality standards. This means: no compromises when it comes to metering accuracy and seed embedment. The hopper sizes for the 3 m wide, D9 Special range from 450 l to 850 l.

D9 Super

The D9 Super comes in working widths of 3 m, 3.5 m and 4 m. In combination with the KR mounted carrier system, the D9 Super can even achieve working widths of 9 m and 12 m. The hopper sizes of the 3 m wide, D9 Super range from 600 l to a maximum of 1,000 l. The coulters pressure adjustment of the D9 Super is hydraulic as standard.



D9 3000 Super
in a working width of 3 m and with RoTeC single disc coulters



D9 4000 Super
in a working width of 4 m and with RoTeC single disc coulters

Flexible and reliable





The D9 3000 mounted seed drill with WS suffolk coulters in solo operation



Solo drilling only

The D9 mounted seed drill, when without a soil tillage tool, provides a light and compact seed drill for small to medium sized operations, especially for sowing after the plough.

Track markers for D9

The option of fitting the track markers directly onto the seed drill is recommended if the D9 mounted seed drill is frequently used on its own. When the track markers are switched over, the tramline rhythm is automatically advanced in order to create tramlines at the desired spacing. For the D9 Super, the track markers are further protected against damage by shear bolts.

Seed drill wheel track eradicator

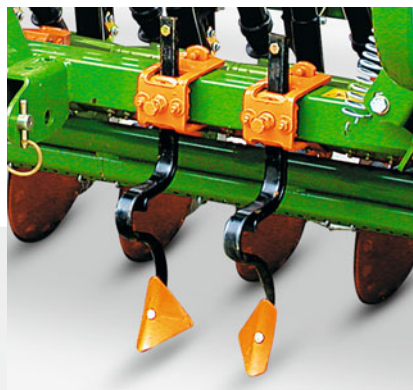
The idea behind the seed drill track eradicators is to loosen the soil behind the seed drill wheels once more. The working depth and intensity of operation can be adapted to local conditions. Thanks to the stone release system, the point is simply deflected upwards when it meets a stone.

Tractor wheel track eradicator for D9

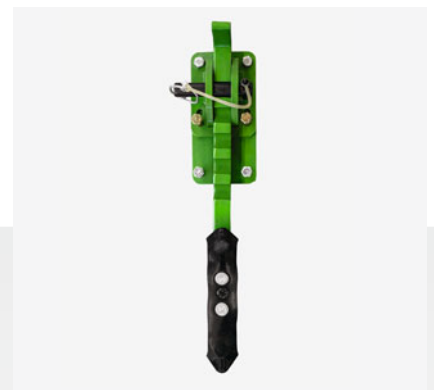
The optionally available tractor wheel mark eradicators are appropriate for solo operation of the D9 mounted seed drill on compaction-sensitive soils and when sowing at shallow depths. They loosen the packed wheel tracks behind the tractor tyres. The position of the wheel mark eradicators can be adjusted horizontally and vertically. A heavy-duty version is also available for very stony soils.



Seed drill wheel track eradicator



Tractor wheel track eradicators



Tractor wheel track eradicator, heavy-duty version

AD harrow-mounted seed drill

The strong contender



In **3 m** working width

With **RoTeC single disc coulters**

The advantages at a glance:

- ⊕ Very compact and lightweight seed drill combination
- ⊕ Centralised, infinitely adjustable hydraulic coulters pressure adjustment
- ⊕ Perfect depth control of the RoTeC single disc coulters via the self-cleaning Control 10 depth guidance disc or the Control 25 depth guidance roller
- ⊕ Well-cleared seed furrow thanks to a reliable furrow former
- ⊕ Good coverage of the seed with soil by the Exact harrow – even when mulch sowing
- ⊕ Easy accessibility of the seed hopper via the safe loading board
- ⊕ Seed hopper sealed when closed via the dust-proof lid



AD harrow-mounted seed drill

The AD Super harrow-mounted seed drill in a working width of 3 m is ideally suited for medium-scale to large-scale operations. Mounted on a KE rotary harrow or a KX/KG rotary cultivator and equipped with a RoTeC single disc coulters, the AD Super is ideal for use as a universal combination for plough sowing and mulch sowing.

The harrow-mounted AD

The direct attachment of the AD harrow-mounted seed drill onto the various soil tillage machine options creates an optimised, coordinated and compact seeding combination. The clearly improved centre of gravity also means that relatively little lifting power is required.

The benefits

- ✔ Reduced lifting force and power requirement
- ✔ Can be used with the KE rotary harrow or the KX/KG rotary cultivators
- ✔ Also compatible with soil tillage implements from other manufacturers



KR 9002 and KR 12002 coupling frame trailed carrier systems

High area output at a favourable price



A strong combination

Machinery suitable for large-area use



A total working width of 9 m or 12 m can be achieved with the use of three D9 mounted seed drills in the AMAZONE KR mounted carrier system coupling frame. Each individual machine has its own chassis and can thus flexibly adjust, even to extremely uneven ground. The coupling frame is pulled by tractors of around 180 kW (240 hp). The three seed drills also come with "Liftpack" systems for transport and for turning on the headland. The very robust track markers leave a mark for the centre of the tractor and are folded vertically when switching over.

The central seed drill is equipped with tramline control to create tramlines at intervals of 12 m, 24 m or 36 m. The side-mounted machines are folded in during transport. When folded in, the transport width is approximately 6 m. A total of just two hydraulic spool valves are required for the tractor. The three D9 Supers can also be used individually.

Model	Working width
D9 9000-2T (consisting of 3 x D9 3000 Super with a KR 9002 carrier system)	9.00 m
D9 12000-2T (consisting of 3 x D9 4000 Super with a KR 12002 carrier system)	12.00 m

Compatible with the Catros compact disc harrows

The trailed carrier system, which combines individual machines to form a single high-output unit, can also be used with the Catros compact disc harrow. The coupling frame is designed for use by ring-fenced, large-scale operations.*



* not available in the EU

AMAZONE – always in your vicinity

Your satisfaction is our challenge




Original AMAZONE Parts

Verschleißteilkatalog
für Landtechnik und Kommunaltechnik

Catalogue pièces d'usure
pour machines agricoles et gamme espaces verts

Wearing parts catalogue
for agricultural machinery and groundcare products

Каталог изнашиваемых деталей
для сельскохозяйственной и коммунальной техники

PDF-DOWNLOAD
www.amazone.net/parts



AMAZONE SmartService 4.0

Due to the increasing use of ever more complex machine technology, AMAZONE utilises, with the SmartService 4.0, both virtual and augmented reality as well as digital media for service, training and maintenance advice.

- 1 **SmartTraining:** Training and instruction in the use of complex machinery by using Virtual Reality Technology (VR).
- 2 **SmartLearning:** Interactive driver training for the user for complex machinery operation (www.amazone.net).
- 3 **SmartInstruction:** Repair or maintenance instructions using Augmented Reality (AR) and mobile terminal equipment.
- 4 **SmartSupport:** Direct local support from the service technician via Augmented Reality (AR) and mobile devices.



The satisfaction of our customers is the most important objective

We rely on our expert sales partners for this. Also for service queries they are the reliable contact partner for end users and contractors. Due to continuous training, our sales partners and service technicians are always up to date when it comes to looking after our state-of-the-art technology.

Better to choose the original right from the start

Your machines are subjected to extreme use! The quality of AMAZONE spare parts and wearing metal offers you the reliability and security you need for efficient soil tillage, precise sowing, professional fertilisation and successful crop protection.

Only original spare parts and wearing metal parts provide the durability and functionality expected from AMAZONE machinery. This guarantees an optimum quality of work. Original parts at fair prices pay for themselves in the end.

We provide you with a first class spare parts service

The spare parts centre in Tecklenburg-Leeden is the base for our worldwide spare parts logistics system. This ensures optimum availability of spare parts, even for older machines.

Orders for parts in stock at the Tecklenburg-Leeden spare parts centre which, if placed by 5 p.m., leave our premises the same day. 42,000 different spare parts and wearing metal parts are handled and stored via our modern warehousing system. Up to 1,000 orders are sent out to customers every day.

So opt for the original!

The advantages of original spare parts and wearing metal parts

- ✔ Quality and reliability
- ✔ Innovation and efficiency
- ✔ Immediate availability
- ✔ Higher resale value of the used machine

AMAZONE conventional seed drill combinations

Benefit from more than 70 years of experience in seed drill technology!



Technical data

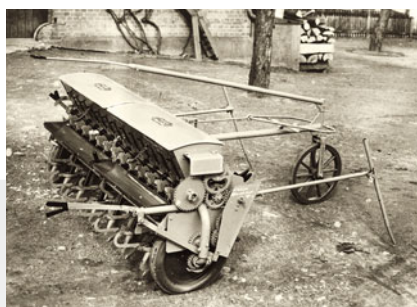
D9 mounted and AD harrow-mounted seed drills

Model	D9 2500 Special	D9 3000 Special	D9 3000 Super	D9 3500 Super	D9 4000 Super	D9 9000-2T	D9 12000-2T	AD 3000 Super
Working width ² (m)	2.50	3.00	3.00	3.50	4.00	9.00	12.00	3.00
WS coulters: number of rows	15/21	18/25	18/25	21/29	24/33	–	–	–
WS coulters: row spacing (cm)	12.0/16.6	12.0/16.6	12.0/16.6	12.0/16.6	12.0/16.6	–	–	–
RoTeC coulters: number of rows	15/17/21	18/21/25	18/21/25	21/25/29	24/29/33	54/63/75	72/87/99	24
RoTeC coulters: row spacing (cm)	12.0/14.7/16.6	12.0/14.3/16.6	12.0/14.3/16.6	12.0/14.0/16.6	12.0/13.8/16.6	12.0/14.3/16.6	12.0/13.8/16.6	12.5
Hopper capacity without extension (l)	360	450	600	720	830	1,800	2,490	600
Hopper capacity with extension (l)	–	850	1,000	1,200	1,380	3,000	4,140	1,000
Weight with WS coulters ¹ (kg)	630	690	780	918	1,070	–	–	–
Weight with RoTeC coulters ¹ (kg)	710	760	850	1,010	1,180	5,950	7,060	747

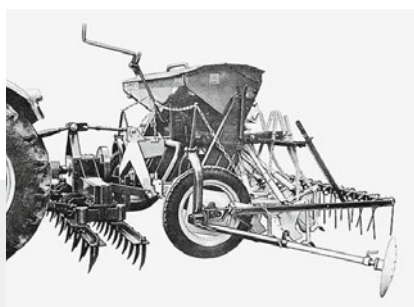
¹Weight of base machine with mechanical coulters pressure adjustment, Exact harrow, track markers and tramline control

²The actual working width can deviate up to a maximum of 3.2 cm, depending on coulters type

Illustrations, content and technical data are not binding and may differ depending on the level of equipment. Country-specific road traffic regulations apply and must be complied with, meaning that special approval may be required. The permissible axle loads and total weights of the tractor should be checked. Not all the listed combination options are possible with all tractor manufacturers.



1948
First seed drill:
the D1 seed drill



1967
First modern sowing combination with
reciprocating harrow: the RE-D4



2016
The latest generation of the conventional
sowing combination: the Cataya



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AMAZONEN-WERKE H. DREYER SE & Co. KG
P. O. Box 51 · 49202 Hasbergen-Gaste/Germany
Phone +49 (0)5405 501-0 · Fax +49 (0)5405 501-193