

CHANGE TO PRECISION

AXIS – TOP CLASS FERTILISER SPREADERS

AXIS



BECAUSE NUTRITION STARTS IN THE FIELD – AIM FOR GROWTH WITH AXIS AND EMC.



Modern foodstuff production for a growing population is inconceivable these days without the use of modern technology in agriculture and farming. The outstanding, future-oriented technology used in AXIS fertiliser spreaders effectively solves many problems faced by the agricultural industry, such as efficiency, future-proofing and competitiveness. So that good food remains safe and your farm workers enjoy more safety in their work.

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SPOTLIGHT ON THE HIGHLIGHTS – QUALITY SPEAKS FOR AXIS.



ACS – ANTI CORROSION SHELL
With double powder coating

**CAPACITY OF
4,200 LITRES**

Slowly running
AGITATOR AT 17 RPM

**SPEEDSERVO
METERING SLIDE**

For rapidly opening and closing the slides (OptiPoint)

DIRT DEFLECTOR
With quick release fastener

EMC SENSOR

For automatic spreading
quantity regulation

HYDRAULIC DISC DRIVE
With integrated border spreading on the
right and left sides

FOLDING HOPPER COVER

With inspection window

ISOBUS JOB COMPUTER

With WLAN connection to the fertiliser chart app

AXIS H 50.2 EMC+W

EMC

VXR PLUS COATED SPREADER VANES

For less wear

SPREADING DISC AT 900 RPM

For high spreading precision at
working widths of 12 – 50 m

AXMAT SPREADING PATTERN SENSOR

For automatic spreading quantity adjustment

SPEEDSERVO – DROP POINT ADJUSTMENT

For section control in one metre steps (Vari Spread pro)

TAILORED WORK SOLUTIONS – AN OVERVIEW OF THE AXIS MODELS.



20.2

GROWTH ORIENTED:

AXIS M 20.2

WORKING WIDTH 12 – 36 METRES

LOAD CAPACITY 2,300 KG



30.2

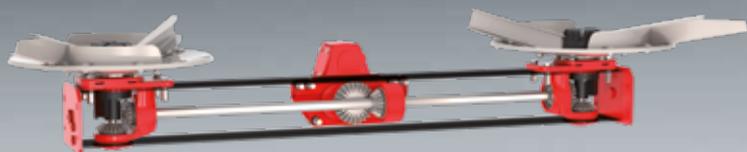
FOR IMPRESSIVE POWER:

AXIS M/H 30.2

WORKING WIDTH 12 – 42 METRES

LOAD CAPACITY 3,200 KG

FLEXIBLE DRIVES – SO THAT YOU DRIVE WELL.



AXIS M-DRIVE

The mechanical universal drive shaft with overload protection for tractors of all power classes. Distinguished by reliable functionality with simplicity of use and easy cleaning. The M-Drive transmissions operate in a closed oil bath and are maintenance-free.

AXIS M-Drive models are available for every load capacity and all working widths, with or without EMC metering technology.



AXIS H-DRIVE

The innovative, maintenance-free drive via the tractor hydraulic system. The H-Drive can be quickly and easily mounted without coupling the universal drive shaft and allows variation of the disc speed at the right and left sides for border spreading and section control.

AXIS H-Drive models are available for 30.2 and 50.2. They are equipped with the high-precision, future-oriented EMC metering technology as standard.

AXIS fertiliser spreaders offer safe, convenient and economic working in every power class. You select the size, drive, metering technology and digital equipment according to your requirements and wishes, to always make the perfect decision for the future of your business.



50.2

THE TOP MODEL:

AXIS M/H 50.2

WORKING WIDTH 18 – 50 METRES

LOAD CAPACITY 4,200 KG

EMC – HIGH TECHNOLOGY FOR MAXIMUM EFFICIENCY.

EMC AUTOMATIC METERING SYSTEM

EMC is an innovative system for controlling the spreading volume. The unique, side-specific automatic metering system controls and measures the flow of fertiliser separately at the left and right sides. Outstandingly precise, with fast reaction times and according to the requirements.



AXIS in action – experience the advantages in the video.



 **RAUCH MEDIATHEK**

> MORE ON EMC: PAGE 12

ON THE DOT PRECISION – AXIS INNOVATION

CDA SPREADING TECHNOLOGY

The CDA (**C**oaxial **D**osing and **A**ddjustment of drop point) system sets new standards in demanding practical applications. Whether fertiliser, slug pellets, bio-pellets or fine seeds in normal or late fertilising, AXIS convinces in every application with safe and precise spreading patterns.

SpeedServo for drop point adjustment

SpeedServo for quantity adjustment

AXIS DROP POINT ADJUSTMENT

AXIS makes adjustment easy. According to the working width and flight characteristics of the material to be spread, the fertilizer drop point is selected by rotating the hopper floor. Whether you prefer manual regulation or want the convenience of electrical control, both versions impress with reliability and precision.

Manual drop point adjustment

This low-cost solution for adjusting working width at the fertiliser spreader requires only a simple handle. No tools are required, and all working widths are covered. Manual drop point adjustment is integrated into the AXIS 20 models as standard.

Electrical drop point adjustment

Electrical drop point adjustment can be performed quickly and easily from the driver's cab. This version constitutes the basic system that allows you to use the advanced automatic section control of VariSpread pro.

SpeedServo

Our unique, lightning-fast SpeedServo servo motors have outstanding reaction time to provide more efficient metering and distribution.



Super-fast electrical drop point adjustment with SpeedServo



Manual drop point adjustment

With the unique CDA spreading technology, the AXIS system provides a spreading pattern of exceptional quality. Special efficiency is provided by large area coverage with high-speed spreading, easy operation and handling.

HIGH-SPEED SPREADING

Even when things must be done quickly, the spreading precision must not suffer. Even at high forward speeds above 20 km/h and with large working widths, the excellent AXIS spreading precision is preserved.

GRANUSAFE

Gentle on every grain. The AXIS GranuSafe system is gentle on the fertiliser granulate from the very start of spreading. The occurrence of broken grains and dust is actively minimised. The precision-decisive spreading properties are preserved even with sensitive spreading material.



Working widths



CONTROLLED METERING

AXIS ADVANTAGES FOR GREATER ECONOMIC EFFICIENCY

SET FOR PRECISION

The major parameters for optimum metering are collated in the CDA settings centre. This allows you quickly configure the following parameters:

**FERTILISER TYPE | WORKING WIDTH |
SPREADING RATE**



The easily readable, quantity-proportional DfC scale, unique to RAUCH, allows reliable quantity corrections after a calibration run.

The individual slides can be operated in various different ways:

► Proven hydraulic system

In the K and D versions, the individual slides are single-actuated or dual-actuated by the tractor control unit via hydraulic cylinders. The proven, uncomplicated control system opens and closes the left and right sides separately.

► Electrically convenient

The E-Click system in version C provides quick and easy operation via electrical actuating cylinders.

► Electrically future-oriented

Version Q uses the QUANTRON-A system. The electronic slide actuation system allows automatic, speed-dependent control.

QUANTRON-A also allows many different expansion options, such as GPS Control via the innovative CCI 800 and the clever OptiPoint switching system for more precision and fewer losses in the headline.

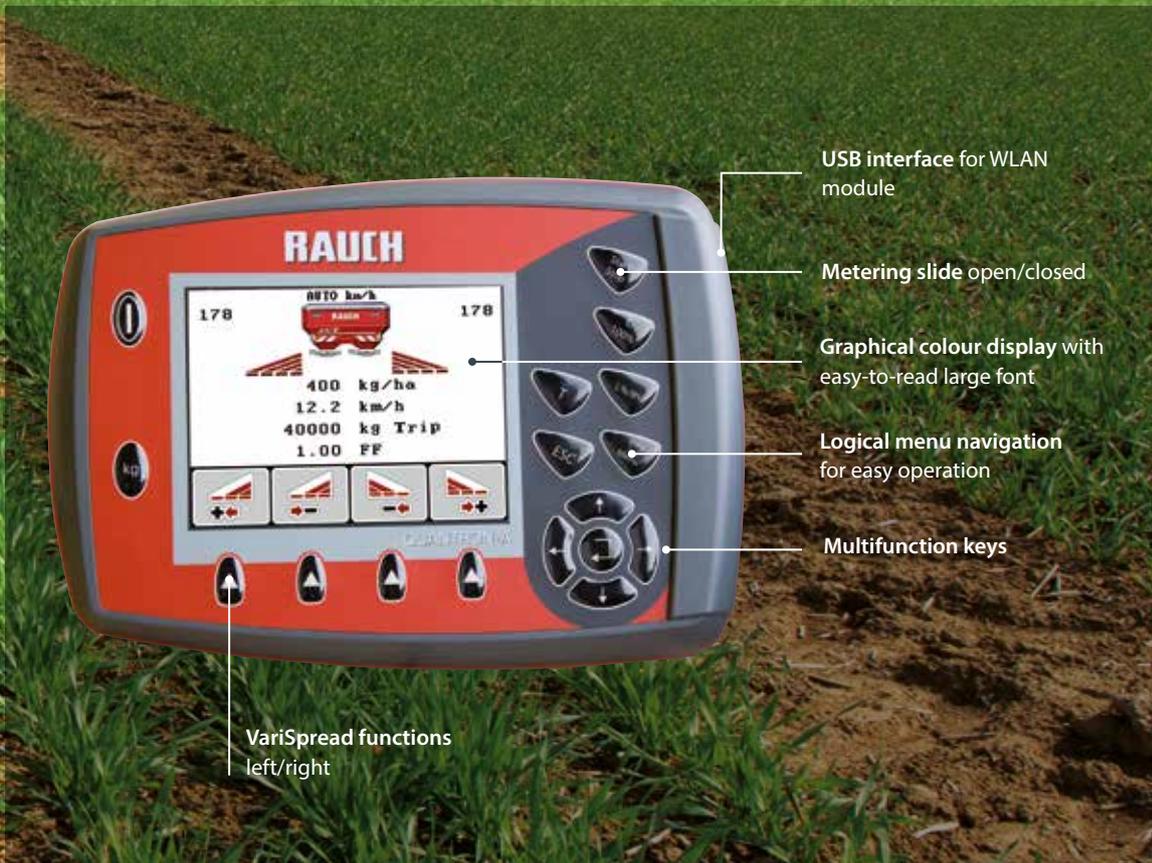


Version C with E-Click

SLIDE ACTUATION VERSIONS

		20.2	30.2	50.2
VERSION K	Hydr. metering slide actuator for 2 single acting control valves, separate right/left	X	X	
VERSION D	Hydr. metering slide actuator with 2 double acting control valves, separate right/left	X	X	
VERSION C	Electrical metering slide actuator with E-Click	X	X	
VERSION Q	QUANTRON-A Electronic fertiliser metering, depending on forward speed	X	X	
VERSION EMC	Speed-dependent and quantity-dependent electronic fertiliser metering	X	X	
VERSION EMC+W	EMC with remaining quantity weighing system	X	X	X

The amount of fertiliser or spreading material applied to your area is a central factor for yields and economic efficiency.



USB interface for WLAN module

Metering slide open/closed

Graphical colour display with easy-to-read large font

Logical menu navigation for easy operation

Multifunction keys

VariSpread functions left/right

INTELLIGENT CONTROL – QUANTRON-A

Metering electronics that work with you.

► Automatically

QUANTRON-A controls the EMC automatic metering system or regulates the flow quantity so that the selected application rate remains constant, even when the forward speed varies.

► Convenient

All functions can be electrically remotely controlled, reliably and safely with just one hand:

- Opening and closing of the metering slides
- Quantity adjustment while driving
- Quantity adjustment during border spreading
- Adjustment of the working width and application rate in eight sections with the VariSpread V8 or dynamically continuously with the VariSpread pro

► Future-proofed

With RS 232 serial interface for precision farming

► Efficient

QUANTRON-A simplifies the documentation process:

- Documentation and storage of operating data for 200 parcels

► Precise

Especially exact and automatic opening and closing of the metering slides in the headline and wedge-shaped fields, with optional GPS Control.

A SUCCESS STORY, PAGE FOR PAGE EMC, THE METERING INNOVATION

REGULATED TWICE AS WELL

One spreader, two metering systems: EMC stands for **E**lectronic **M**assflow **C**ontrol, a pioneering development from RAUCH. This system checks and regulates the fertiliser flow separately through the left and right metering slides. EMC is convenient, works without delay and is very precise.

SIMPLY CLEVER

The fundamental principle of EMC is exact measurement of the spreading disc drive torques via contact-free sensors – as used in modern transport concepts such as E-bikes and Segways.

► Benefit from innovative technology

All functions can be electrically remotely controlled, reliably and safely with just one hand:

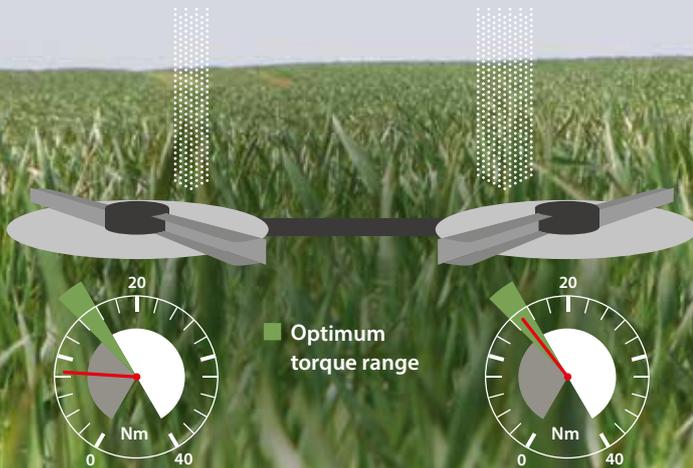
- Economical through highly accurate metering on each side
- Reliable performance: Regardless of slope characteristics and vibration influences
- Quick reaction to control commands: especially with the SpeedServo, variable working widths, tramlines coming not out even and application maps are registered in seconds
- Reaction times up to 5-times faster: For greater metering accuracy, with less over-fertilising and fewer losses
- Improved clogging protection: The system reacts to irregularities quickly at the appropriate side and rapidly returns to the desired application rate

Left flow

Too little

Right flow

Optimum



Classical weighing spreader

EMC spreader (EMC)



Weighing spreaders have a significantly longer reaction time.



EMC spreaders measure the spreading volume after only a few seconds/metres with high precision.

Calibration time/path

EMC spreaders react and regulate much faster

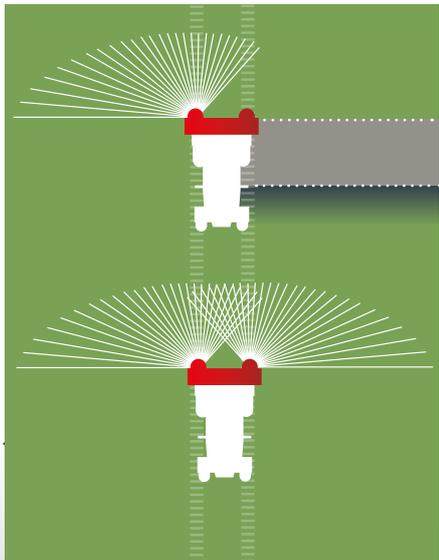
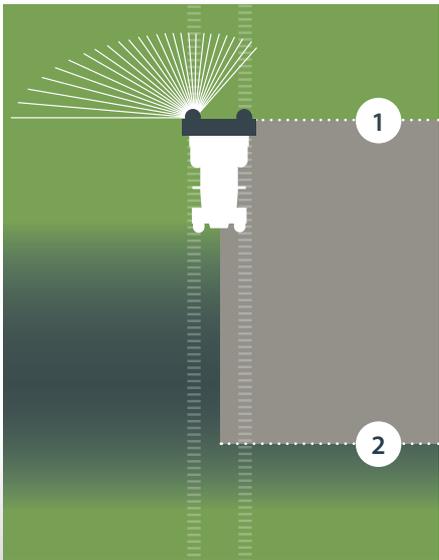


AXIS EMC - Torque measurement with magnetostriction sensors (known from e-bikes and Segways)
 EMC controls with lateral accuracy from the first to the last kilogram regardless of slopes, driving movements and vibrations.



Classical weighing spreader

EMC spreader (EMC)



1 
 The left metering opening is clogged by a foreign object

2 
 The foreign object then falls through the metering opening

The weighing spreader requires a very long time to react. Both slides are adjusted simultaneously.

EMC reacts very quickly. After rapidly eliminating the foreign body, it regulates back to the correct application rate in a very short time.

■ Over-fertilisation
 ■ Under-fertilisation
 ■ Optimum

VARIABLE PRECISION – VariSpread

*VariSpread PRO
Continuous regulation*



VariSpread pro

AXIS H 30.2/50.2 EMC (+W) and AXIS M 30.2/50.2 EMC (+W) with **VariSpread Pro** adjust the working width and spreading volume in a continuously adjusted process. They offer all the possibilities of modern section control:

- ▶ **Section Control: Software for continuous regulation**
- ▶ **Spreading only in external areas**
- ▶ **Spreading beyond the centre**
- ▶ **Automatic adjustment for tramlines coming not out even or when navigating around obstacles**
- ▶ **VariSpread dynamic becomes active already during field circling**
- ▶ **The 2.5-times faster SpeedServo servomotors further improve the fertiliser efficiency and preserve the environment**
- ▶ **Vari Spread Pro spreads unsprayed corridors between two tramlines with high precision (segmented regulation)**

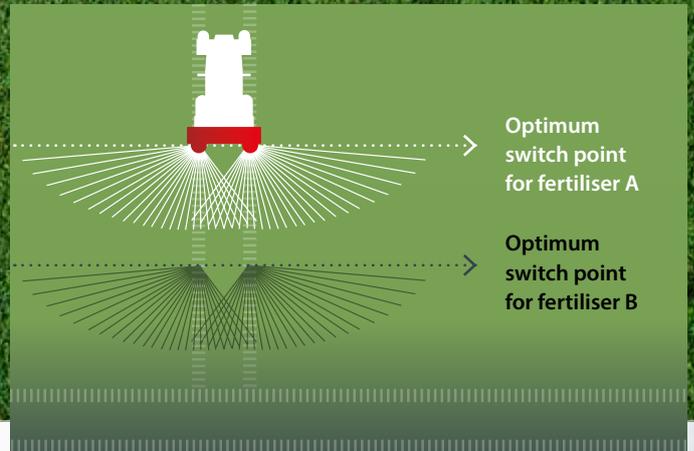


AXIS H with section control.

VariSpread PRO Segmented regulation

VariSpread V8

The **AXIS M 20.2/30.2** with **QUANTRON-A** and manual CDA drop point adjustment has 8-way section control as standard. With this alternative to the VariSpread Pro, remotely controlled adjustment of the metering slide positions allows four sections per side.



OPTIPOINT – HEADLANDS SWITCHING

Exact positioning

Avoid over-fertilising or under-fertilising in the headlands! The clever OptiPoint headlands switch allows exact calculation of the switch-on and switch-off positions for every fertiliser type and spreading width. In conjunction with GPS control, the metering slides are then opened or closed at exactly the correct point. The adjustment occurs quickly and easily via the spreading distance parameter of the fertiliser chart.

Your advantages: Maximum ease of operation, high spreading precision in sensitive wedge-shaped and headland areas and higher efficiency by using precise parallel tracking.



QUANTRON-A with GPS-Control

EASY ISOBUS – EVERYTHING IN VIEW WITH CCI



CCI 800



CCI 1200

CCI ISOBUS

► The advantages are obvious

- No more compatibility problems on connection
- Improved operability
- Only one terminal in the driver's cab for a better overview
- Often lower costs

The **RAUCH CCI terminals** for the **AXIS ISOBUS spreader** are distinguished by clarity, flexibility and application diversity.

► Clear

Convenient 12.1 inch or compact 8 inch colour display

► Individual

Adjustable user interface that can be individually configured in portrait or landscape, split screen or maxi-view format by pressing a few touch screen buttons

► Intuitive

Logically structured, easily learned menu system

► Always available

Help system installed as standard with numerous examples of practical solutions in graphical or text formats

► Keeping pace with the times

Optional WLAN module for networking with the whole world of digital farming – from agrirouter connectivity to software updates and the telemetry remote access

► Tailor-made

Increased spreading efficiency through GPS applications for the section and headland control system and variable fertiliser spreading with application cards

The ISOBUS system makes life easier for the farmer. This defines a unified connection standard allowing various different devices to be controlled from a single terminal in the tractor.



CCI A3

After plugging in the AUX N interface, the corresponding symbols for operating the unit are shown on the small touch screen. The driver can thus always see which functions he/she has stored here.

CCI apps

Already integrated:



CCI.Convert
Serial interface for connection of e.g. N sensors (only in conjunction with CCI.Control)



CCI.Tecu
Tractor data

Optionally available:



CCI.Control
Documentation and job management



Section Control
Automatic section control



Parallel Tracking
Parallel driving aid



CCI.Assist
Assistance program and range indicator

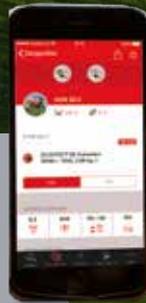
Matching accessories for even more efficiency



Operation: The joystick eases operation



Network: WLAN module for communication with the RAUCH fertiliser chart app



Receiver: DGPS for precise position determination



CCI.Assist: Assistance program and range indicator



Control: AXMAT duo controls and regulates the spreading pattern with radar support



Safety: Nothing escapes the rear view camera



Brightness: SpreadLight turns night into (work)day



AXMAT DUO – SPREADING ALMOST BY ITSELF

▶ EVERYTHING IN VIEW –

With innovative radar technology

AXMAT duo instantly analyses the spreading pattern at high resolution. This is achieved through 54 radar sensors around the spreading discs and intelligent software. This immediately regulates to the correct values if the fertiliser grain size, ground slope, spreading blade condition etc. have a deviating effect on the spreading pattern.

▶ EXTRA FAST –

Thanks to the SpeedServo

After calibration with the practice test kit, the AXMAT duo regulates the spreading pattern by adjusting the drop point. This occurs via remote control and lightning-fast via SpeedServo servomotors. The EMC automatic metering system independently regulates the metering slides on the left and right sides. This ensures that no fertiliser is wasted and no section is under-fertilised.

▶ ALWAYS RELIABLE –

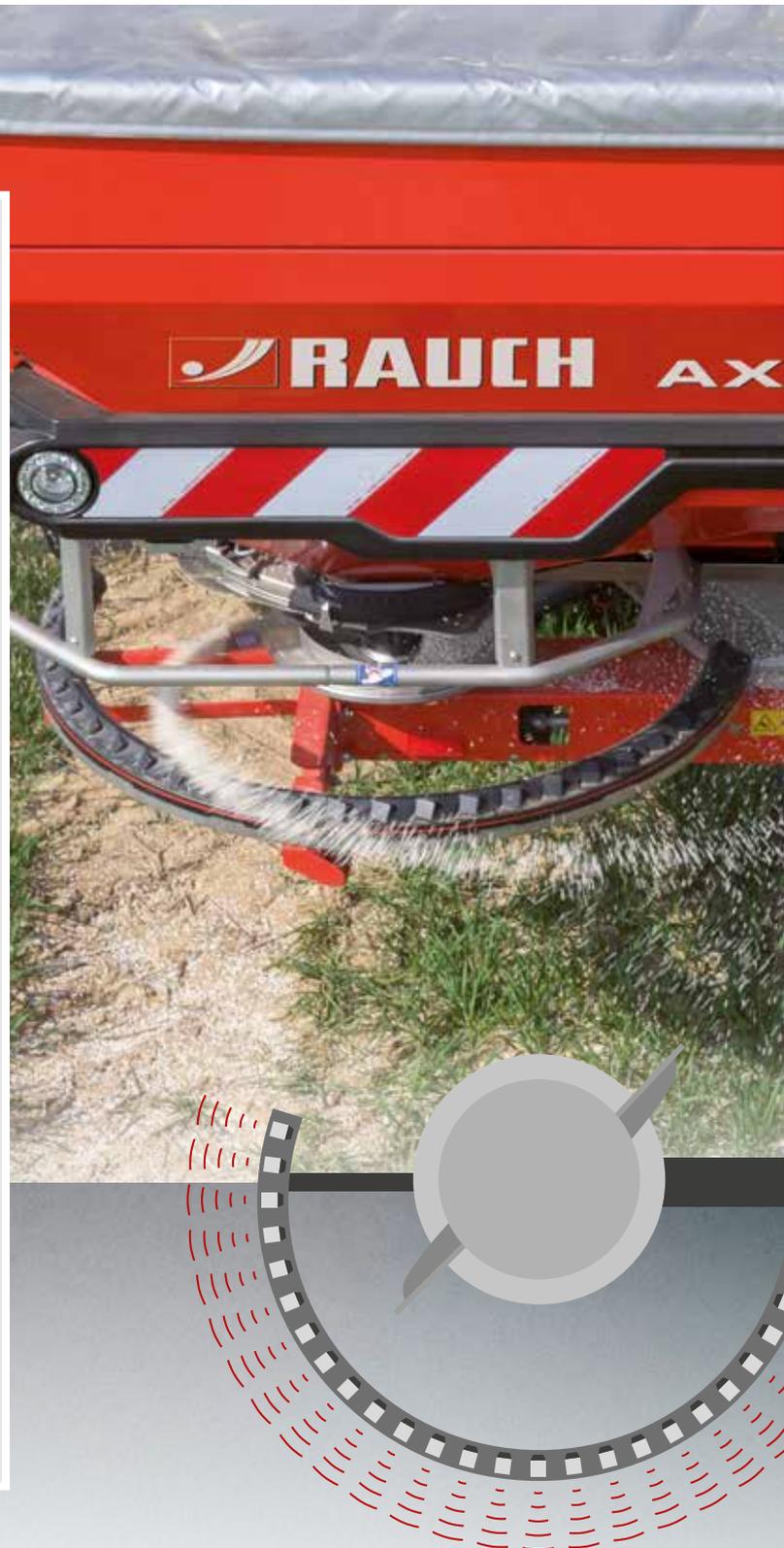
Through durable technology

The AXMAT duo has a wide application window for fertiliser granulates and only reaches its limits when the fertiliser quality, weather conditions or spreading discs make it impossible to work sensibly. The AXMAT sensors are completely encapsulated and cast in their casing to equip them for hard daily use.

▶ EVEN MORE PRECISE –

With the application map

The system is especially efficient when used in conjunction with application maps created specifically for each field and allow exact specification of the quantities to be used.



The correct spreading pattern, whenever and wherever possible – and fully automatic at all times. AXMAT duo offers nothing more and nothing less. The innovative automatic spreading pattern system reacts in seconds to external influences that you may not even notice. The result is a new dimension of performance in professional fertiliser technology.



Precise spreading pattern analysis via
54 radar sensors

PROGRAMMED FOR THE FUTURE

Digital structures are already long established in modern, efficiency-oriented agriculture. Various applications ensure more precise and easier work, networking of workers, machines and service providers for higher productivity and a more targeted use of resources. RAUCH fertiliser spreaders are already prepared for the current and future requirements of digital farming. A strong commitment to research and development and own software and hardware ensure that you also purchase a piece of the future with every product.

DIGITAL FARMING

► Better networking

The fertiliser chart app and spreader are always connected via the WLAN module. Benefit from the comfort of AXIS auto-setting and data transfer from RAUCH spreading charts. Other applications, such as MyJohnDeere, farm and machine management systems and many others can also be easily integrated.

► Individual fertilising

N-sensors let you know exactly what your plants want. This prevents you from over-fertilising or under-fertilising with valuable nitrogen. RAUCH fertiliser spreaders with CCI ISOBUS terminals are compatible with all commonly available N-sensors.

► Convenient evaluation

The "Next Machine Management" farm management information system has been specially developed for tuning and controlling machines integrated into the "agrirouter". RAUCH is also a development partner for this pioneering application.

► Spreading smarter

With the free RAUCH fertiliser chart app you have always your key information immediately at hand and can control everything at a touch of the screen in a single application running on a tablet or smartphone.

- Current fertiliser prices
- AutoCalibration - ECU and John Deere
- LoadControl - remaining quantity display (kg)
- Data of wind meter
- Calculator for calibration test



Display of current fertiliser prices



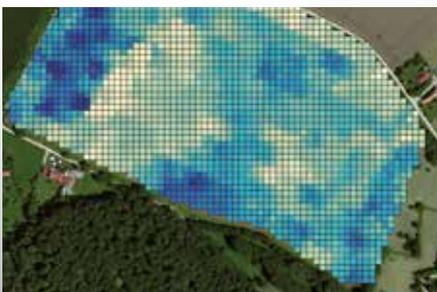
N-sensor connection



WLAN module



LoadControl
Remaining quantity display in your smartphone



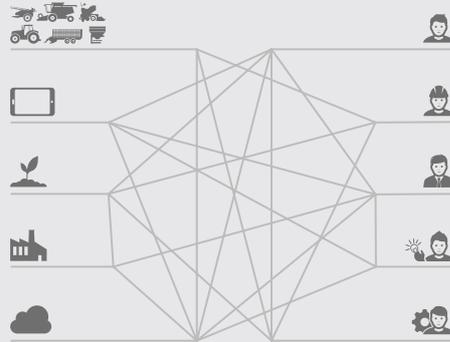
Application maps in ISOXML or Shape format provide an ideal basis for precision farming.

AGRIROUTER

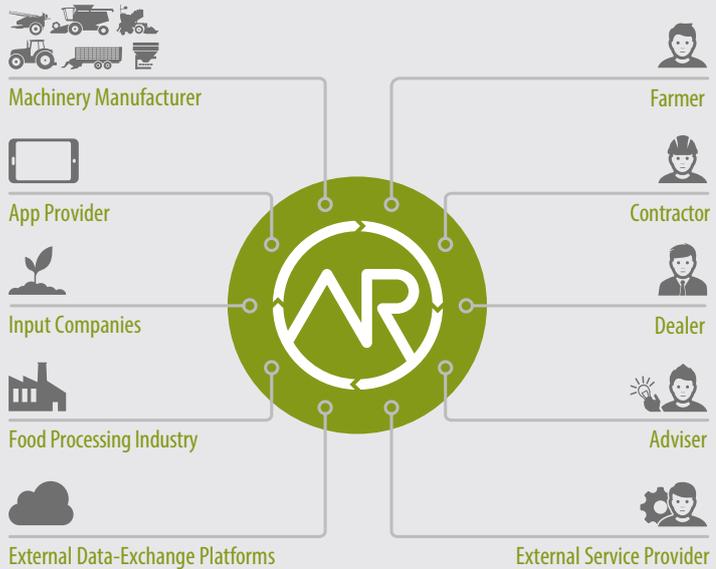
Exchange information more quickly

RAUCH is part of "agrirouter," the new platform that allows intelligent consolidation and use of your key business data across all compatible products and manufacturers. This includes both new and existing machines. At the same time, "agrirouter" remains individual and does not store any data.

Without agrirouter



With agrirouter



ECONOMIC EFFICIENCY AND RESPONSIBILITY

ENVIRONMENTALLY-FRIENDLY SPREADING



AXIS H – Right and left edge spreading via rotation speed and drop point adjustment

TELIMAT T50
with electrical control



Limited border
spreading unit
GSE 30/60

SPREADING IN THE BORDER AREA

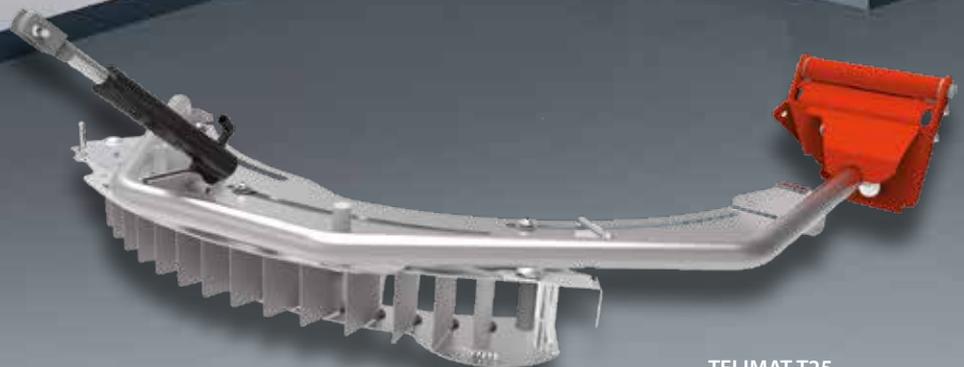
TELIMAT T25 for AXIS M EMC is a hydraulically remote-controlled limited border and full border spreading unit. It allows precise spreading from the first tramline.

- ▶ **Switch to border spreading while spreading, without losing any time**
- ▶ **Easily adjustable for different fertiliser types and tramline systems**
- ▶ **Reliable operation through a mechanical position indicator**
- ▶ **Additional position display in the operating terminal is also possible (TELIMAT sensor)**

TELIMAT T50 for AXIS M 50.2 EMC+W is easily activated by pressing a button in the ISOBUS terminal.

GSE 30/60 allows single-sided spreading directly from the field border. The system can be hydraulically remote controlled if desired.

The innovative technology in the **AXIS H EMC** provides outstanding spreading patterns – even at the edges and in border areas. High-precision left and right full and limited border spreading is integrated as standard, including remote switching between the two functions.



TELIMAT T25
with two functions for
fine adjustment and
position indicator

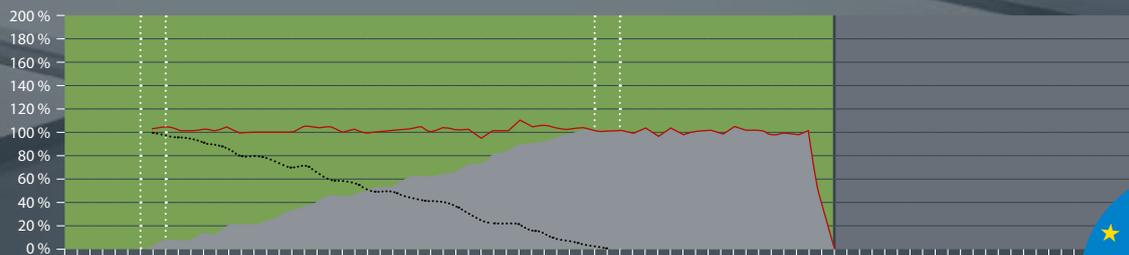
The European Environmental Standard EN 13739 places stringent requirements on the spreading of fertiliser. Especially at the field borders, area spreading is only permitted when the technology allows precise positioning. The RAUCH full and limited border spreading systems such as TELIMAT satisfy these requirements. In addition to this, the RAUCH spreading technology saves you fertiliser and money by spreading exactly to the field border - not beyond.



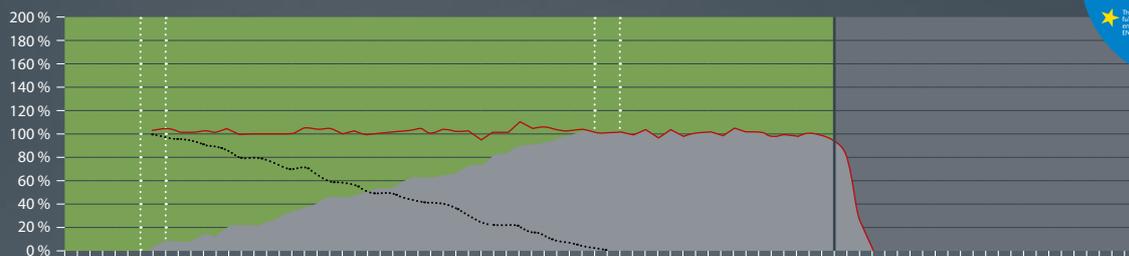
Normal spreading



Limited border spreading



Full border spreading



PHENOMENALLY FUNCTIONAL – ACCESSORIES FOR PERFECT PROCESSES



SpreadLight

▶ Attachments for every application

Optimally adapt your spreader to your existing tractors. With the flexible AXIS attachment system from L 603 to GLW 2000.

▶ Protection of the spreading material

RAUCH hopper covers with a large inspection window protect the spreading material from moisture and dirt. They can be closed quickly by remote control and are UV-resistant.

▶ Easy attachment and removal

Parking rollers with a quick release coupling system simplify parking the spreader in the farmyard and streamline coupling and uncoupling procedures.

▶ For climbers

The RAUCH ladders provide safe access to the hopper.

▶ Create certainty

The legally prescribed calibration unit and remaining quantity discharge are already elegantly and conveniently integrated into the AXIS M spreader.

The PPS 5 practice test kit is used for checking and correcting the lateral fertiliser distribution in the field and for calibrating the AXMAT. This provides certainty, regardless of the fertiliser quality.

▶ Reserve in view

The level sensors provide a reliable indication when it is time to refill.

▶ Brightness

The high quality "SpreadLight" LED spotlights allow you to see and be seen at night.

▶ Safety

Nothing escapes the rear view camera.

▶ Be clean

High-quality materials and durable surface coatings not only ensure a long service life for your RAUCH fertiliser spreader, but also make cleaning easier.

▶ Stay clean

RAUCH quick-release removable dirt traps enable you to clean the spreader quickly and easily.

AXIS can be perfectly adapted to suit your demands and the operational requirements. This is ensured by many well thought out equipping possibilities and the RAUCH attachment system. This makes your operations run more smoothly and quickly.



Electrically remote-controlled hopper cover



Parking rollers with quick release coupling system



Dirt deflector with quick release fastener



Easy cleaning and maintenance



PPS 5 practice test kit



Level sensors

Flexible AXIS extension system



L 603



L 800



XL 1103



XL 1300



L 1500



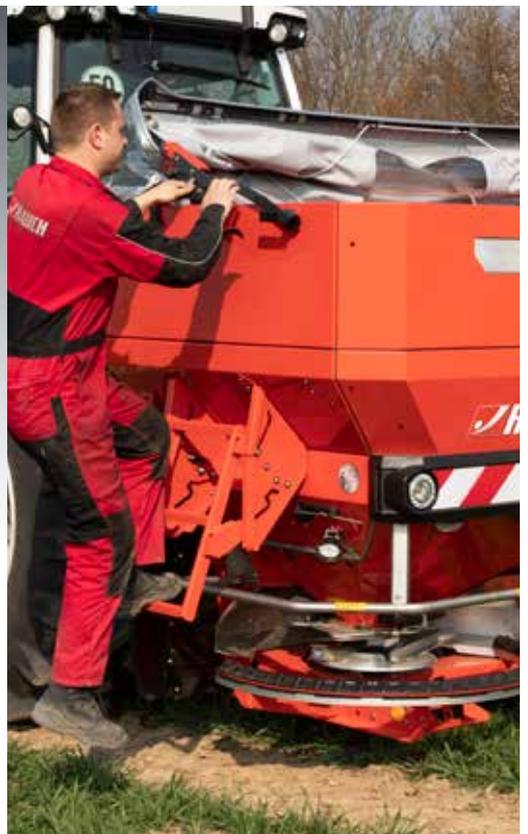
XL 1800



GLW 1000



GLW 2000



Access ladder

AXIS M EMC

M-DRIVE



Extensions	Hopper size cm	Filling height cm	Weight kg	Total capacity in l		
				AXIS 20.2	AXIS 30.2	AXIS 50.2
L 603	240 x 130	+ 0	+ 30	1,600	2,000	-
L 800	240 x 130	+ 26	+ 45	1,800	2,200	-
L 1500	240 x 130	+ 50	+ 75	-	2,900	-
XL 1103	280 x 130	+ 23	+ 60	2,100	2,500	-
XL 1300	280 x 130	+ 38	+ 65	2,300	2,700	-
XL 1800	280 x 130	+ 52	+ 75	-	3,200	-
GLW 1000	290 x 150	+ 25	+ 80	-	-	3,200
GLW 2000	290 x 150	+ 45	+ 130	-	-	4,200

Spreading discs (not standard equipment)	VXR plus	AXIS 20.2	AXIS 30.2	AXIS 50.2
S1 VXR plus	Coating of spreading vanes for extra-long service life	12 - 18 m	12 - 18 m	12 - 18 m*
S4 VXR plus		18 - 28 m	18 - 28 m	18 - 28 m
S6 VXR plus		24 - 36 m	24 - 36 m	24 - 36 m
S8 VXR plus		-	30 - 42 m	30 - 42 m
S12 VXR plus		-	-	36 - 50 m

* only AXIS H 50.2

Machine type	VariSpread	Working width m	Hopper volume l	Maximum capacity kg	Filling height cm	Hopper size cm	Weight kg
AXIS M 20.2/ 20.2 W	V2/V8	12 – 36	1,000	2,300	95	240 x 130	300/355
AXIS M 30.2/ 30.2 W	V2/V8	12 – 42	1,400	3,200	107	240 x 130	335/390
AXIS M 20.2 EMC	V8	12 – 36	1,000	2,300	95	240 x 130	300
AXIS M 20.2 EMC+W	V8	12 – 36	1,000	2,300	95	240 x 130	355
AXIS M 30.2 EMC	V8	12 – 42	1,400	3,200	107	240 x 130	335
AXIS M 30.2 EMC+W	V8	12 – 42	1,400	3,200	107	240 x 130	390
AXIS M 30.2 EMC	pro	12 – 42	1,400	3,200	107	240 x 130	360
AXIS M 30.2 EMC+W	pro	12 – 42	1,400	3,200	107	240 x 130	395
AXIS M 30.2 EMC ISOBUS	pro	12 – 42	1,400	3,200	107	240 x 130	360
AXIS M 30.2 EMC+W ISOBUS	pro	12 – 42	1,400	3,200	107	240 x 130	395
AXIS M 50.2 EMC+W ISOBUS	pro	18 – 50	2,200	4,200	131	290 x 150	710

Standard equipment	AXIS M 20.2/30.2 V8	AXIS M 30.2 VS pro	AXIS M 50.2 ISOBUS
Section control	VariSpread V8	VariSpread pro	VariSpread pro
CDA drop point adjustment	Manual	Electrically remote-controlled	Electrically remote-controlled
Electronics	ISOBUS*/QUANTRON-A	ISOBUS/QUANTRON-A	ISOBUS
Fully-automatic metering	EMC	EMC	EMC
Remaining quantity weighing system W	Only for AXIS EMC+W	Only for AXIS EMC+W	Series
GPS Control Preparation	RS 232 interface	ISOBUS/RS232	ISOBUS
Variable Rate Control	Preparation	Preparation	Preparation
Maintenance-free mechanical transmission	540 rpm PTO shaft	540 rpm PTO shaft	750 rpm PTO shaft
Other	<ul style="list-style-type: none"> • Ratchet clutch universal drive shaft • Granusafe system with slowly running agitator (only 17 rpm) • High Speed Spreading function • Stainless steel deflector bracket, spreading disc cover and hopper floor • ED lighting with warning signs according to German Traffic Regulations • Calibration kit 		

* only AXIS M 20.2

Accessories	<ul style="list-style-type: none"> • Hopper extensions, hopper cover (option: electrical operation) • Access ladder, parking rollers • TELIMAT T25/T50, GSE 30/60 • GPS control with CCI 800 • Front lighting, left/right level sensors • Spreading discs with VXR coated spreading vanes
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AXIS M 20.2	AXIS M 30.2	AXIS M 50.2
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High-speed spreading, calibration test kit, 2 large filling grids; spreading disc covers, safety brackets, hopper floor, metering slide, spreading vanes and agitator shaft made of stainless steel; maintenance-free, closed Walterscheid oil-bath gearbox, removable dirt deflector

<ul style="list-style-type: none"> • CDA spreading technology • Universal drive shaft with shear bolts • Cat. II three-point geometry • PTO drive 540 rpm 	<ul style="list-style-type: none"> • CDA spreading technology • Universal drive shaft with ratchet clutch overload protection • 2 windows for fill level control • Cat. II three-point geometry • PTO drive 540 rpm 	<ul style="list-style-type: none"> • CDA spreading technology • Universal drive shaft with ratchet clutch overload protection • Transmission for 750 rpm PTO shafts • 2 windows for fill level control • Cat. III/IV three-point geometry
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AXIS H EMC

H-DRIVE



Extensions	Hopper size cm	Filling height cm	Weight kg	Total capacity in l		
				AXIS 20.2	AXIS 30.2	AXIS 50.2
L 603	240 x 130	+ 0	+ 30	1,600	2,000	-
L 800	240 x 130	+ 26	+ 45	1,800	2,200	-
L 1500	240 x 130	+ 50	+ 75	-	2,900	-
XL 1103	280 x 130	+ 23	+ 60	2,100	2,500	-
XL 1300	280 x 130	+ 38	+ 65	2,300	2,700	-
XL 1800	280 x 130	+ 52	+ 75	-	3,200	-
GLW 1000	290 x 150	+ 25	+ 80	-	-	3,200
GLW 2000	290 x 150	+ 45	+ 130	-	-	4,200

Spreading discs (not standard equipment)	VXR plus	AXIS 20.2	AXIS 30.2	AXIS 50.2
S1 VXR plus	Coating of spreading vanes for extra-long service life	12 - 18 m	12 - 18 m	12 - 18 m*
S4 VXR plus		18 - 28 m	18 - 28 m	18 - 28 m
S6 VXR plus		24 - 36 m	24 - 36 m	24 - 36 m
S8 VXR plus		-	30 - 42 m	30 - 42 m
S12 VXR plus		-	-	36 - 50 m

* only AXIS H 50.2

Machine type	Vari-Spread	Working width m	Hopper volume l	Maximum capacity kg	Filling height cm	Hopper size cm	Weight kg
AXIS H 30.2 EMC ISOBUS	pro	12 – 42	1,400	3,200	107	240 x 130	355
AXIS H 30.2 EMC+W ISOBUS	pro	12 – 42	1,400	3,200	107	240 x 130	415
AXIS H 50.2 EMC+W ISOBUS	pro	12 – 50	2,200	4,200	131	290 x 150	710

Tractor requirements	AXIS H 30.2 EMC (+W)	AXIS H 50.2 EMC+W
Hydraulic performance	min. 45 l/min at 150 bar	min. 65 l/min at 180 bar
In constant flow operation	1 double-action control valve (lockable) and 1 depressurised return line	
In load sensing operation	1 external LS connection, 1 power connection, 1 depressurised return line	

Standard equipment	AXIS H 30.2 EMC (+W)	AXIS H 50.2 EMC +W
Section control	VariSpread pro	VariSpread pro
Full and limited border spreading on the left and right-hand side	Series	Series
CDA drop point adjustment	Electrically remote-controlled	Electrically remote-controlled
Electronics	ISOBUS without terminal	ISOBUS without terminal
Fully-automatic metering	EMC	EMC
Remaining quantity weighing system W	Only for AXIS EMC+W	Series
GPS Control Preparation	CCI apps	
Variable Rate Control	Preparation	Preparation
Access ladder	Option	left serial
Maintenance-free hydraulic transmission	H-Drive	H-Drive
Other	<ul style="list-style-type: none"> • Electrical agitator drive with automatic start/stop • Granusafe system with slowly running agitator (only 17 rpm) • High Speed Spreading function • Stainless steel deflector bracket, spreading disc cover and hopper floor • LED lighting with warning signs • Calibration kit • Right and left edge and border spreading 	

Accessories	<ul style="list-style-type: none"> • CCI-ISOBUS universal terminal incl. fertiliser chart app, WLAN module • CCI apps: CCI.Control, Section Control, Parallel Tracking • Hopper extensions, hopper cover (option: electrical operation) • Hydraulic pressure filter, parking rollers, front lighting GSE 30/60 • Spreading discs with VXR coated spreading vanes
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HAND IN HAND – SERVICE IS OUR FIELD



▶ INITIAL USE.

You trust our technology and we show you how to get the best out of your machine: Every new spreader is delivered in a handover process by qualified staff. This means that we instruct you thoroughly in all performance characteristics and operating elements on delivery and first use of the machine. This puts you on the road to success from the very beginning.

▶ CUSTOMER SERVICE.

You also receive continuous after-sales support. Your dealer can answer any technical questions about your new or used spreader. **Please have the serial number of your spreader at hand when you contact us.**

▶ SUPPORT FORM.

You can also send us a written query via the Internet. We have already prepared an appropriate form for you. Our specialists are happy to answer your technical questions.

▶ KNOW MORE IN DETAIL.

RAUCH perform their own spreading tests, e.g. with new fertiliser types, in the **largest test facility in Europe**. These tests form the basis of the configuration recommendations, which can be loaded into the fertiliser app by the farmer or downloaded from the Internet free of charge. Our expert team can also answer individual questions on fertiliser types or fertiliser problems.

▶ SPARE PARTS CENTRE.

You need a particular spare part? We have (almost) everything ex-stock.

You not only purchase an innovative and reliable spreader from RAUCH but also an functioning overall spreading concept. This includes a comprehensive Service Department that answers your questions in a practically-oriented manner, solves problems quickly and is on location when necessary.



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useful information
is available on the
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