

OEM Solutions for Precision Farming

Powered by Innovation.

Powered by ME.



Price List OEM 2023

valid as of 1 January 2023



A TRIMBLE COMPANY

Content

Precision Farming

Terminals with ME apps

APP & GO®	4
ISOBUS terminals	5
Accessories for ISOBUS terminals	6

Steering systems & GPS

TRACK-Leader AUTO® EZ-Pilot Pro	10
TRACK-Leader AUTO® CAN Autopilot	11
GNSS/RTK (Trimble)	12

Seeding

Function overview Precision planter	15
Shut-off clutches	16
PRECIMAT	17
ISOBUS monitoring module	18
ISOBUS PLANTER-Controller with junction box	19
ISOBUS PLANTER-Controller with monitoring module	20
ISOBUS PLANTER-Controller with control module	21
ISOBUS PLANTER-Controller MRC	22
Function overview Seeder	23
ME Blockage Stand-alone	24
DRILLMAT III	25
ISOBUS DRILL-Controller	26

Crop protection

Control and monitoring systems

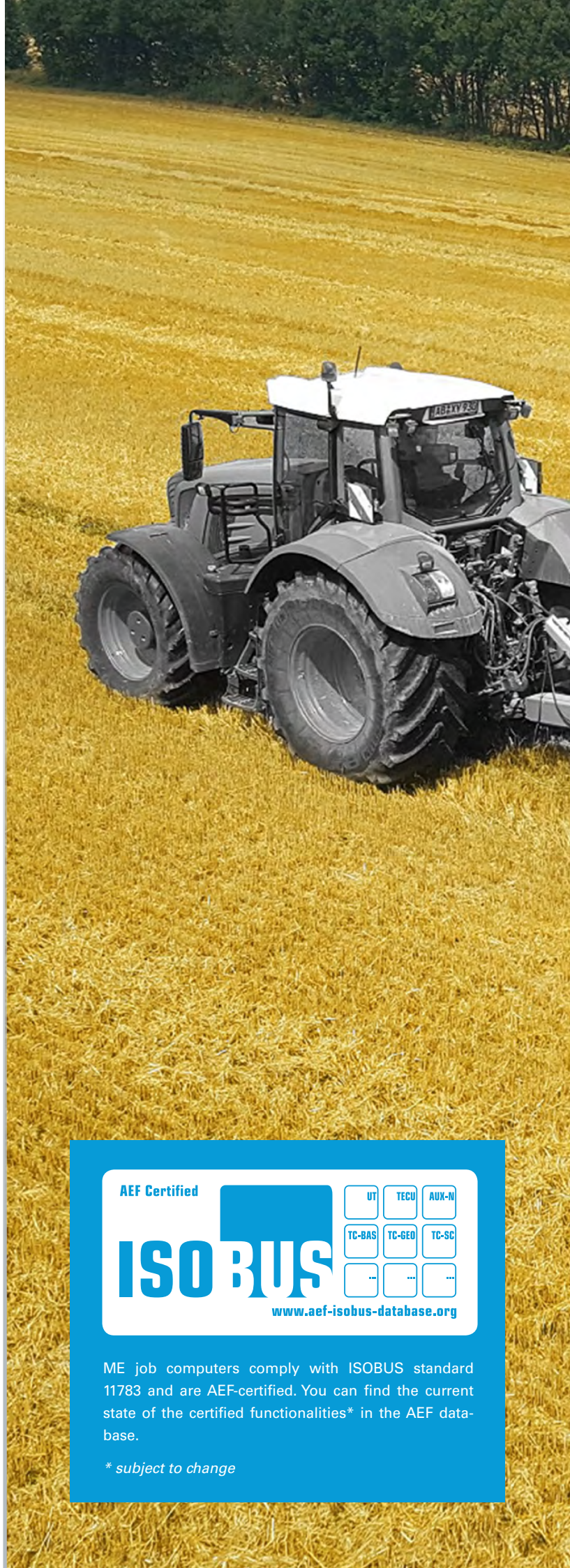
Function overview	28
SPRAYDOS short/long	30
ISOBUS SPRAYER-Controller	32
TANK-Control	34
TANK-Control III	35
ISOBUS TRAIL-Control	36
ISOBUS DISTANCE-Control	38
ISOBUS DISTANCE-Control II	39
SECTION-Control TOP	40
ISOBUS HOEING-Controller	41
ISOBUS SPRAYER-Controller Orchard / Vineyard	42

Fertilization

Function overview	44
SPRAYMAT II for slurry tanker	45
ISOBUS SLURRY-Controller	46
ISOBUS SPREADER-Controller	48
ISOBUS UNI SPREADER-Controller	49
ISOBUS SCALE-Controller	50

MIDI 3.0 standard components

Spare parts



AEF Certified

ISOBUS

UT	TECU	AUX-IN
TC-BAS	TC-GEO	TC-SC
...






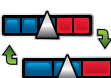







www.aef-isobus-database.org

ME job computers comply with ISOBUS standard 11783 and are AEF-certified. You can find the current state of the certified functionalities* in the AEF database.

** subject to change*



APP & GO® – Terminal Apps

<div> <div>APPs</div> <div>Terminals</div> </div>		ISOBUS touch & non-touch terminals	ISOBUS touch terminals	
		 SMART570®	 TOUCH800®	 TOUCH1200®
 ISOBUS-UT	Activated the ISOBUS implement control. The corresponding terminal thus complies with the ISOBUS standard. It can be used as an Universal Terminal (UT) to control any implement that complies with the standard, regardless of the manufacturer.	●	●	●
 ISOBUS-TC *1	Activates the Task Controller (ISOBUS-TC) and therefore ISOBUS task management. It is the link between the FMIS at the workplace and the control system on the implement. In addition to classic task management, the app also offers the option of importing field data in shape format.	—	○	●
 MULTI-Control	Perfect for complex work processes with simultaneous multiple application. With MULTI-Control, a separate prescription map can be assigned to each Implement part on request. Together with the included MULTI SECTION-Control, precision farming in a class of its own is guaranteed.	—	○	○
 TRACK-Leader	Combined with a DGPS receiver, TRACK-Leader enables exact parallel driving even in poor visibility (A/B, A+, headland, contour mode). Obstacles can be marked and saved with field data such as boundaries and guidance lines.	—	○	○
 TRACK-Leader AUTO ® *2	Activates automatic steering. It enables precise operation under any light and weather conditions. The system works very precisely, overlaps and skips are prevented. This reduces the resources used and relieves the driver.	—	○	○
 SECTION-Control *2	This app provides GPS-controlled activation and deactivation of implements, implement sections or single nozzles. SECTION-Control can control up to 256 sections or single nozzles.	—	○	○
 ASD *3	Activates serial communication via the ASD protocol. With this interface, target rates and section status can be transmitted between terminals and other operating devices, if both devices support the ASD protocol.	—	○	○
 TRAMLINE-Management *2	Displays the tramline rhythm selected by the driver on the TRACK-Leader screen. This allows the driver to work in pattern intervals, which eliminates the need for manoeuvring at the headlands to drive the adjacent guidance line.	—	○	○
 VRC *2	This app enables the use of prescription maps in shape format, which define the location-based target rates for the field sprayer. For the application of fertilizers, for example, it enables working with several fertilizers and prescription maps at the same time. Each fertilizer or nutrient has its own specific prescription map.	—	integrated in ISOBUS TC App	integrated in ISOBUS TC App
 agrimon *4	Enables operation of the Precision Farming Box (PF-Box) on all ME terminals. The software contains all of the agronomic applications required for location based cropping methods with YARA N-Sensors and P3-Sensors from Agricon.	—	○	○

Its flexibility and future are unbeatable advantages of the APP & GO® concept.

In the first step, each user selects a terminal that corresponds to their requirements. In addition to the activated standard apps, other pre-installed apps can be unlocked as required. The table shows the standard apps that are found on the different terminals:

● = Standard app ○ = optional app — = not possible

*1 ISOBUS-UT is required for this app

*2 TRACK-Leader is required for this app

*3 This app requires

- ISOBUS-TC for target rate transfer only
- TRACK-Leader and SECTION-Control for automatic section control

*4 Sold exclusively by Agricon

ISOBUS terminals

TOUCH800®

The TOUCH800® impresses with modern technology and an unsurpassed variety of functions. With the 8" display and capacitive touch screen, ideal operation is guaranteed. Like usual, the functions can be shown in a main window and in a header. Equipped with MULTI-Control, the TOUCH800® and the TOUCH1200® are superior to other ISOBUS terminals. In addition, the TOUCH800® offers many upgrade options by a great variety, including apps and automatic steering.



TOUCH1200®

The TOUCH1200® is the ISOBUS terminal offering the most functions – unbeatable in terms of flexibility and user friendliness. TOUCH1200® can be used both in portrait and in landscape format. Up to five precision farming functionalities can be displayed simultaneously in different layouts and control interfaces. It also features a capacitive touch screen, making this technology ideal for rough, practical use. Equipped with MULTI-Control, the two touch terminals from ME are superior to other ISOBUS terminals.



SMART570®

The SMART570® operating and display device complies with ISOBUS standard ISO 11783 and can be used as an Universal Terminal (UT) on all ISOBUS machines, regardless of manufacturer. The colour display of the SMART570® has a resolution of 640 x 480 pixels. The SMART570® offers a capacitive touch screen, a membrane keyboard and a rotary encoder for optimum operation of the connected implement.

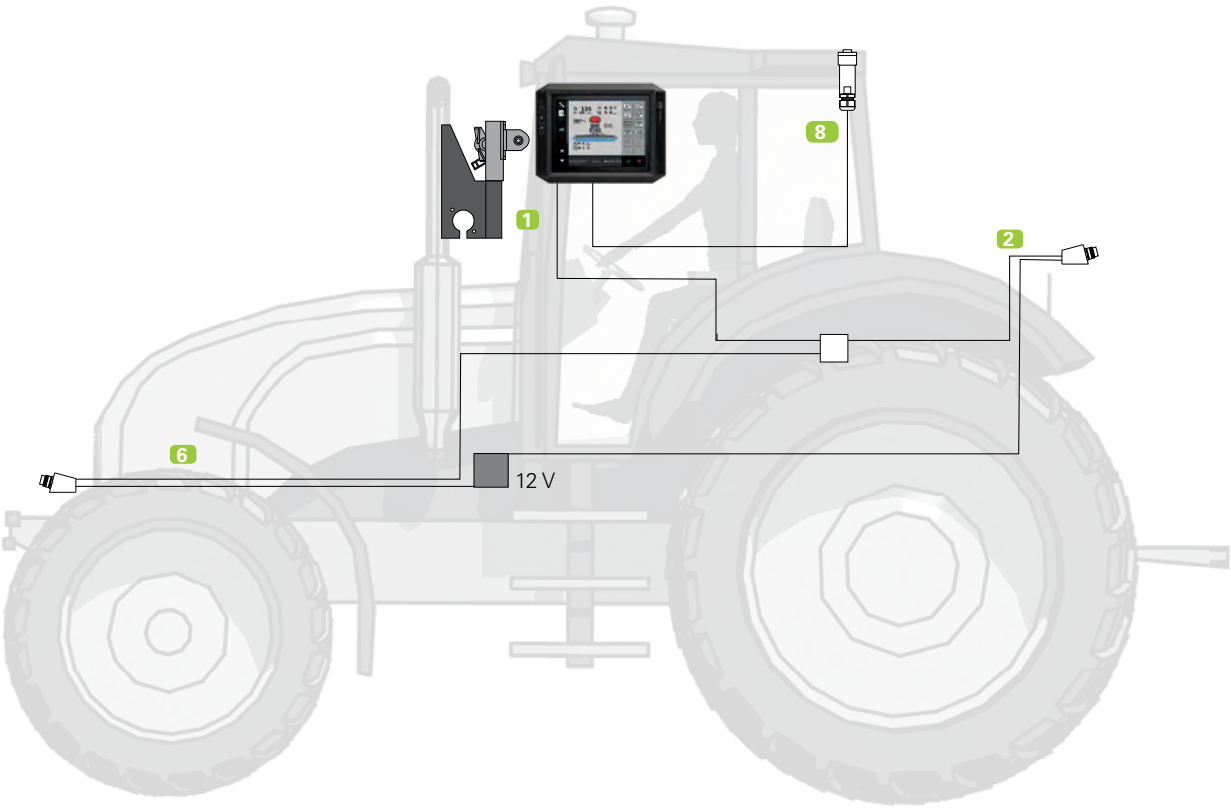


ISOBUS terminals	Item no.	Price €
SMART570® with bracket and 2 m CPC connector cable	30322507	
TOUCH800® with bracket and camera port	30322538	
TOUCH1200® with bracket and camera port	30322537	

APPS**	Item no.	Price €
ISOBUS-UT	30302435	
ISOBUS-TC	30302436	
MULTI-Control	3030248965	
TRACK-Leader	30302432	
TRACK-Leader AUTO®	30302514	
SECTION-Control	30302450	
TRAMLINE-Management	30302519	
VARIABLE RATE-Control (VRC) for non-touch terminals	30302512	
ASD	30302431	
agrimon	Sold only by Agricon	

* limited discount

Accessories for ISOBUS terminals



1	2	3	4
5	6	7	8
9	10	11	12

Tractor basic vehicle harness		Item no.	Price €
1	ISOBUS basic vehicle harness for tractors with In-Cab-Connector	30322541	
2	ISOBUS basic vehicle harness with 9-pin CPC connector, with rear socket 2.9 m cable, 50 A	30322574	
	ISOBUS basic vehicle harness with 9-pin CPC connector, with rear socket 6.1 m cable, 50 A	30322573	
3	SMART430®/SMART570® basic vehicle harness, with 6 m connector cable with 9-pin CPC connector and 2.5 m connector cable for job computer MIDI 3.0	3032257601	
	SMART430®/SMART570® basic vehicle harness, with 6 m connector cable with 9-pin CPC connector and 10 m connector cable for job computer MIDI 3.0	3032257701	
4	Connector cable SMART430® to ME basic vehicle harness with 9-pin Sub-D connector	31322596	
5	Connector cable SMART430® to ME basic vehicle harness with 9-pin CPC connector	31322597	
6	ISOBUS basic vehicle harness with front and rear socket, cable length for front socket 6 m, rear socket 2.9 m	30322558	
7	Adapter cable in-cab-connector with 9-pin CPC connector for tractors with ISOBUS (e.g. CASE, NEW HOLLAND)	30322547	
Accessories			
8	Adapter cable for ME terminal (Non-touch terminal starting at HW 3.0.0 and touch-terminal) to the signal socket in accordance with DIN 9684.1/ISO 11786 for using the Tractor-ECU	30322548	
9	Adapter cable für SMART430® an to the signal socket in accordance with DIN 9684.1 /ISO 11786 for using the Tractor-ECU	31322598	
10	Adapter cable für SMART570® an to the signal socket in accordance with DIN 9684.1 /ISO 11786 for using the Tractor-ECU	31322599	
11	Adapter cable for ME terminal (Non-touch terminal starting at HW 3.0.0 and touch-terminal) with the ASD app for using a third-party terminal e.g. Rauch, Quantron E, E2	3032254800	
12	GPS connector cable for ME terminal to Fendt Auto-Guide	30302472	
13	Y cable for 2 ME terminals or AMATRON+	30322572	
14	Y cable for ME-Terminal to ISOBUS basic vehicle harness (CPC InCab) with CPC connector	31322595	
15	Y cable for ME-Terminal to ISOBUS basic vehicle harness (CPC InCab) with CPC connector	31322594	
16	Y cable for 2 ME terminals or AMATRON+	30322572	
17	Y-cable ISOBUS to In-cab, CPC socket to 2x CPC connector	3039910114	
18	Connector cable for SensorY with 3-pin socket, on TRACK-Guide II and TRACK-Guide III	31302499	
19	SensorY for work position, 5 m cable with 3-pin connector	312089	

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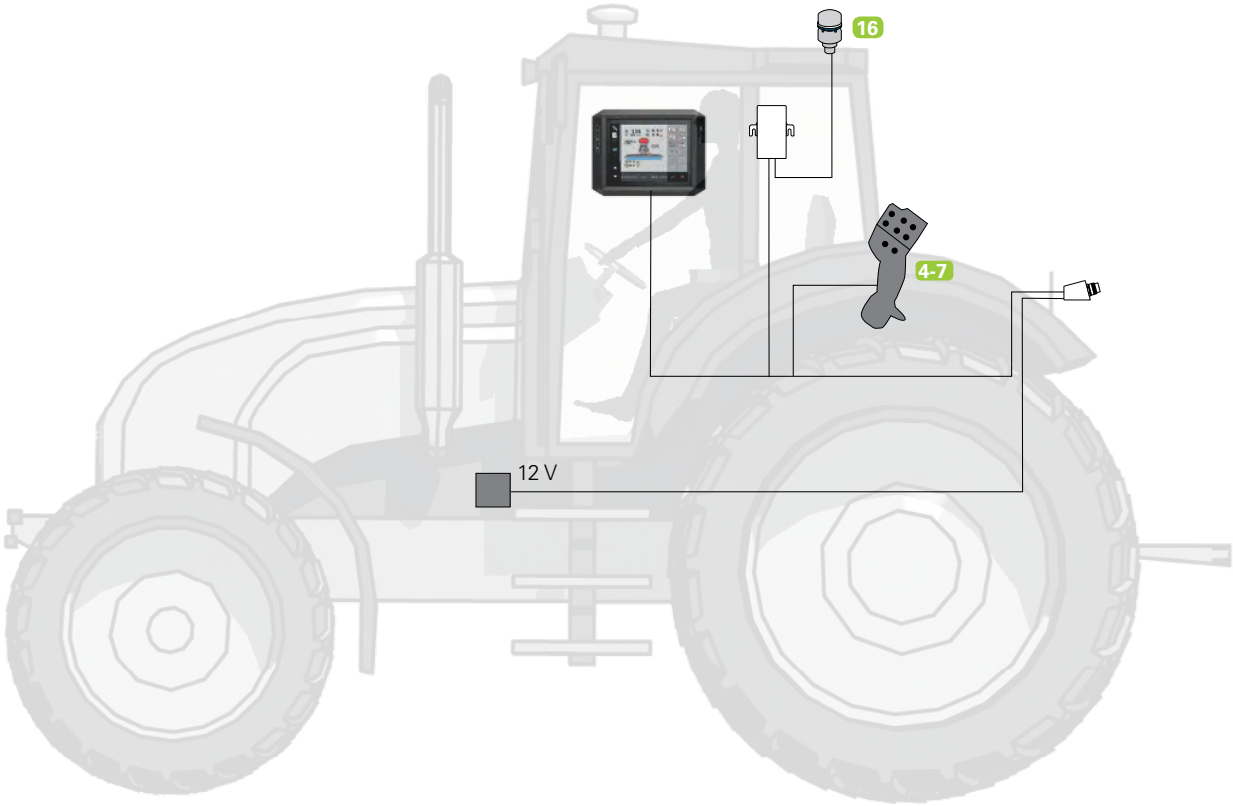
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19



Accessories for ISOBUS terminals



Accessories		Item no.	Price €
1	Mounting bracket VESA75 for touch terminals on round pipe systems with a diameter of 20, 25 or 30 mm	31322508	
2	Pivoting bracket VESA75 for touch terminals	31322507	
3	Suction bracket with basic vehicle harness for securing the TRACK-Guide to the plate	31302471	
Joystick ISOBUS terminal			
4	Joystick III for connection to ME terminal with 9-pin Sub-D connector and socket, sealed momentary switches, supports Auxiliary protocols AUX-N and AUX-ME	3032258305	
5	Joystick III for tractors with an ISOBUS In-Cab-Connector with 9-pin CPC socket, sealed momentary switches, supports Auxiliary protocols AUX-N and AUX-ME	3032258607	
6	Joystick III for tractors with an ISOBUS In-Cab-Connector with 9-pin CPC connector and socket, sealed momentary switches, supports Auxiliary protocols AUX-N and AUX-ME	3032258106	
7	Joystick PRO with 9-pin CPC socket, supports Auxiliary protocols AUX-N	3032258620	
S-Box			
8	S-Box, 9 sections with 9-pin Sub-D connector	30322608	
	S-Box, 13 sections, with 9-pin Sub-D connector	30322616	
	S-Box, 18 sections, with 9-pin Sub-D connector	30322618	
9	S-Box, 9 sections, with 9-pin CPC connector for third-party terminals	30322638	
	S-Box, 13 sections, with 9-pin CPC connector for third-party terminals	30322646	
	S-Box, 18 sections, with 9-pin CPC connector for third-party terminals	30322647	
Camera			
10	Analogue HQ2 camera with 11 m cable for non-touch terminals	3030249101	
11	Analogue HQ2 camera with 11 m cable for touch terminals	3030249401	
12	Analogue NQ camera with 11 m cable for touch terminals	3030249400	
13	Analogue NQ camera separation point tractor 3 m and 7 m for touch terminals	3030249402	
14	Extension cable for HQ and NQ camera, 5 m	31303060	
15	Extension cable for HQ2 camera, 5 m	3130306001	
Other accessories			
16	ISOBUS Weather Station with 9-pin CPC connector	3030247104	

13



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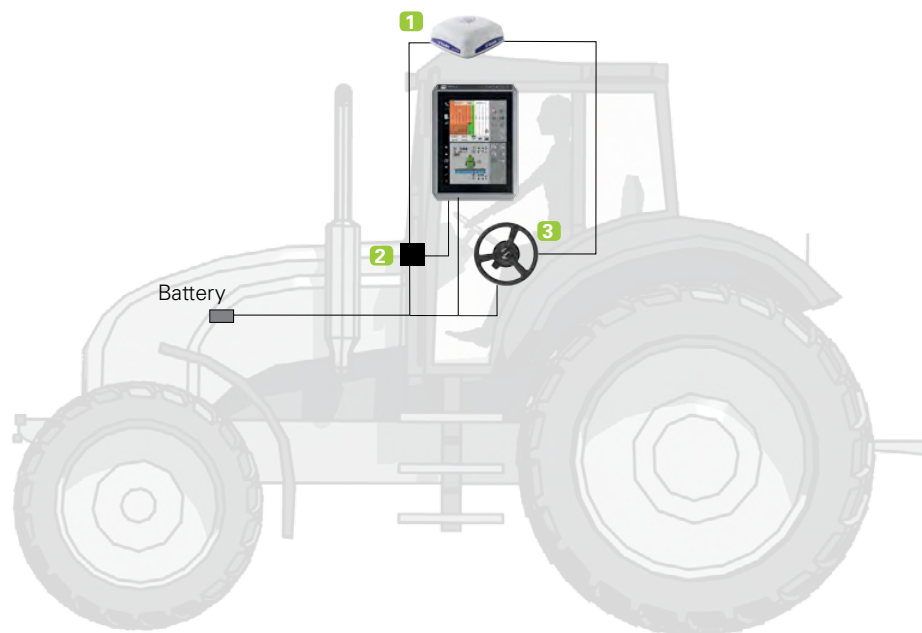


16



Automatic steering

TRACK-Leader AUTO® EZ-Pilot Pro

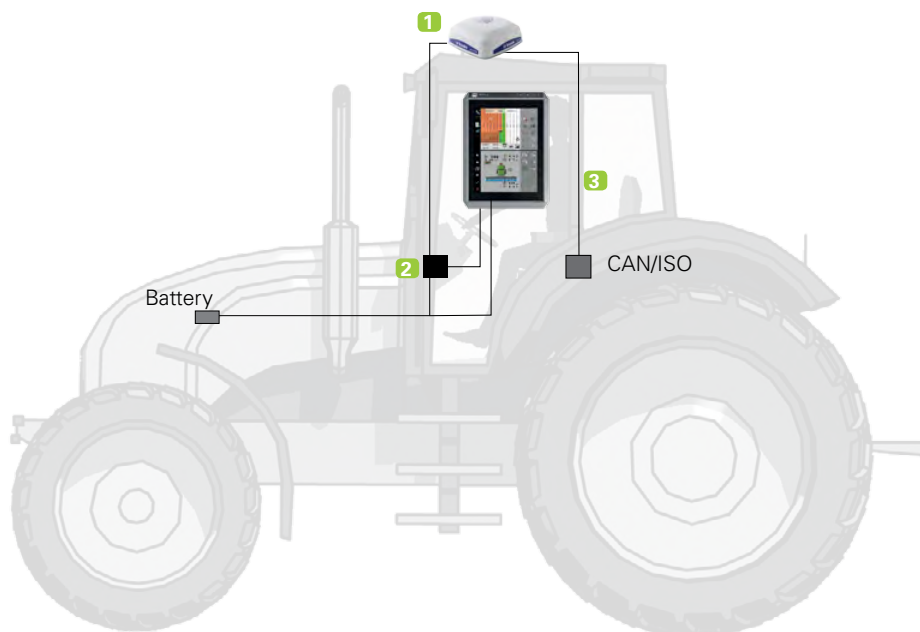


Automatic steering –TRACK-Leader AUTO® EZ-Pilot Pro (only available for manufacturers with self-propelled machines)		Item no.	Price €
1	NAV-900 GNSS and steering controller, pass to pass accuracy 10-15 cm, incl. bracket and 5 m connector cable	3030247710	
Activation EZ-Pilot Pro Steering (Demo license for 10 days)		3038990002	
Activation EZ-Pilot Pro Steering		3038990006	
2	Connection kit EXP-900L for NAV-900 on touch terminals, 1.5 m	3032254903	
Automatic steering for retrofitting –TRACK-Leader AUTO® EZ-Pilot Pro			
3	EZ-Pilot Pro steering wheel motor, kit, incl. steering wheel, steering wheel motor and cable harness	3038990019	
Accessories			
4	Connector cable NAV-900 to steering wheel motor	3138990002	
5	Power distributor including switch	3038990025	
6	Cable power supply battery, 4 m	3038990024	



Automatic steering

TRACK-Leader AUTO® CAN Autopilot



Automatic steering –TRACK-Leader AUTO® CAN Autopilot (only available for manufacturers with self-propelled machines)		Item no.	Price €
1	NAV-900 GNSS and steering job computer, configured (Trimble), incl. bracket and connector cable	3030247710	
Activation Autopilot steering		3038990003	
Activation CAN Autopilot steering		3038990004	
Activation CAN Autopilot to Autopilot steering		3038990005	
2	Connection kit EXP-900L for NAV-900 on touch terminals, 1.5 m	3032254903	
3	Vehicle-specific steering on existing hydraulics or CAN connection	upon request	upon request



GNSS / RTK (Trimble)

GNSS receiver from Trimble		Item no.	Price €
1	GNSS receiverAg-200 Pass to pass accuracy 15-20 cm, 6 m	3030247701	
	GNSS receiverAg-200 Pass to pass accuracy 15-20 cm, 12 m	3030247702	
2	NAV-900 GNSS and steering controller, pass to pass accuracy 10-15 cm, incl. bracket and 5 m connector cable	3030247710	
3	Connection kit EXP-900L for NAV-900 on touch terminals, 1.5 m	3032254903	
RTK modem RV55 NtripWiFi, complete set			
LTE/WIFI modem RV55		3038990039	
Connector cable for modem LTE/WIFI modem RV55 , M12 connector to Sub-D connector and voltage supply, 5 m		3038990027	
Activation NAV-900 (GPS quality levels)			
Activation of accuracy level "Basic to high" Demo version 10 days, required for CenterPoint RTK and CenterPoint VRS (only available for manufacturers with self-propelled machines)		3038990009	
Activation of accuracy level "Basic to high" Required for CenterPoint RTK, CenterPoint VRS, CenterPoint RTX fast		3038990010	
Activation of accuracy level "Basic to Intermediate" Required for CenterPoint RTX		3038990011	
Activation of accuracy level "Intermediate to High" Required for CenterPoint RTK, CenterPoint VRS, CenterPoint RTX fast		3038990012	
Activation slope compensation for manual parallel guidance		3038990035	

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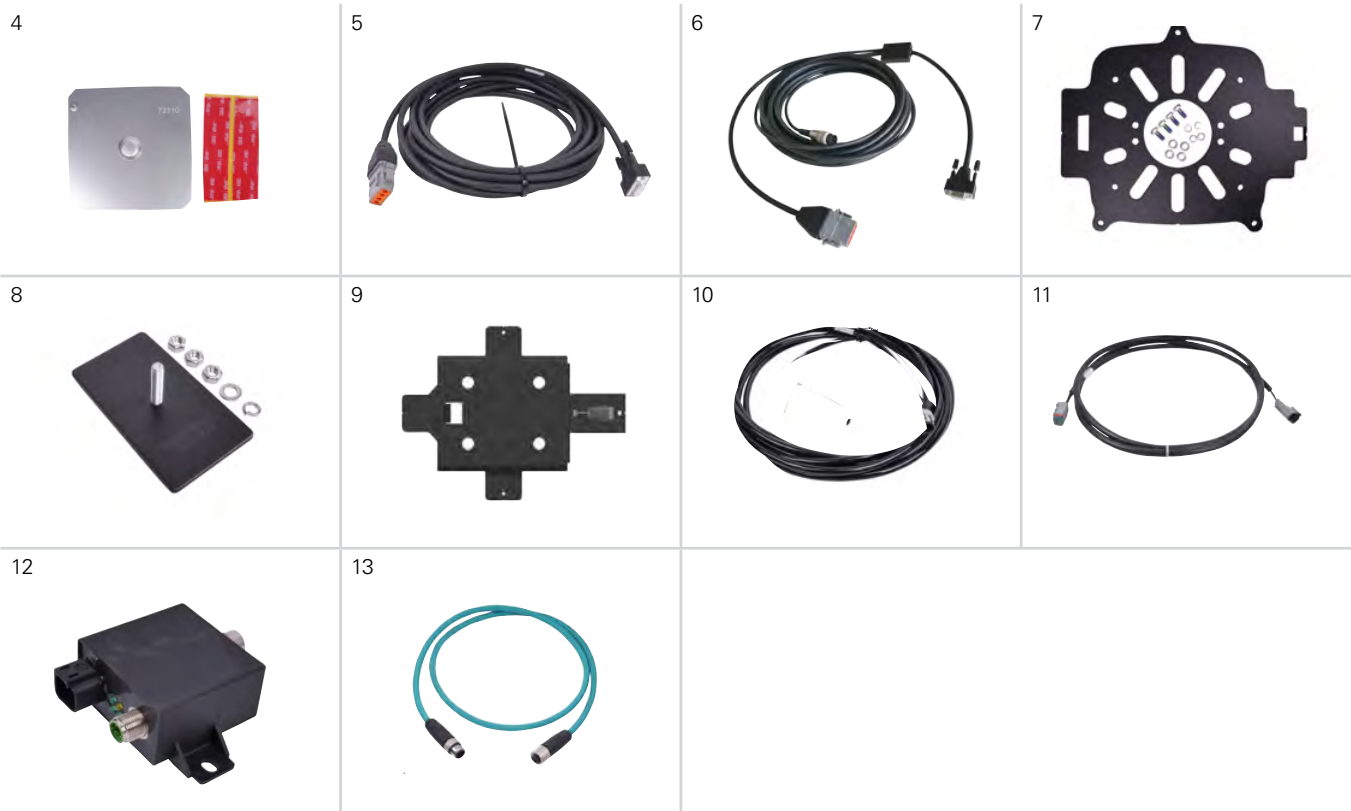
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3



Accessories			
4	Mounting plate for AG-200	3130247702	
5	Connector cable for Ag-200, 6 m	3130247700	
	Connector cable for Ag-200, 12 m	3130247703	
	Connector cable for AG-200, 15 m	3130247705	
6	Connector cable for AG-200 with Speed-out, 6 m	3130247704	
7	Mounting plate for NAV-900	3138990007	
8	Mounting plate for NAV-900	3138990008	
9	NAV-900 "QuickRelease" mounting bracket	3038990026	
10	Extension connector cable to NAV-900, 2.55 m	3138990003	
	Connector cable to NAV-900, 5 m	3138990004	
11	Connector cable power supply EXP-900L, 1.5 m	3132259001	
12	EXP-900L, Converter BroadR-Reach to Ethernet	3132259000	
13	Ethernet cable, 2x M12 D-coded, 1 m	3132259002	



GNSS / RTK (Trimble)



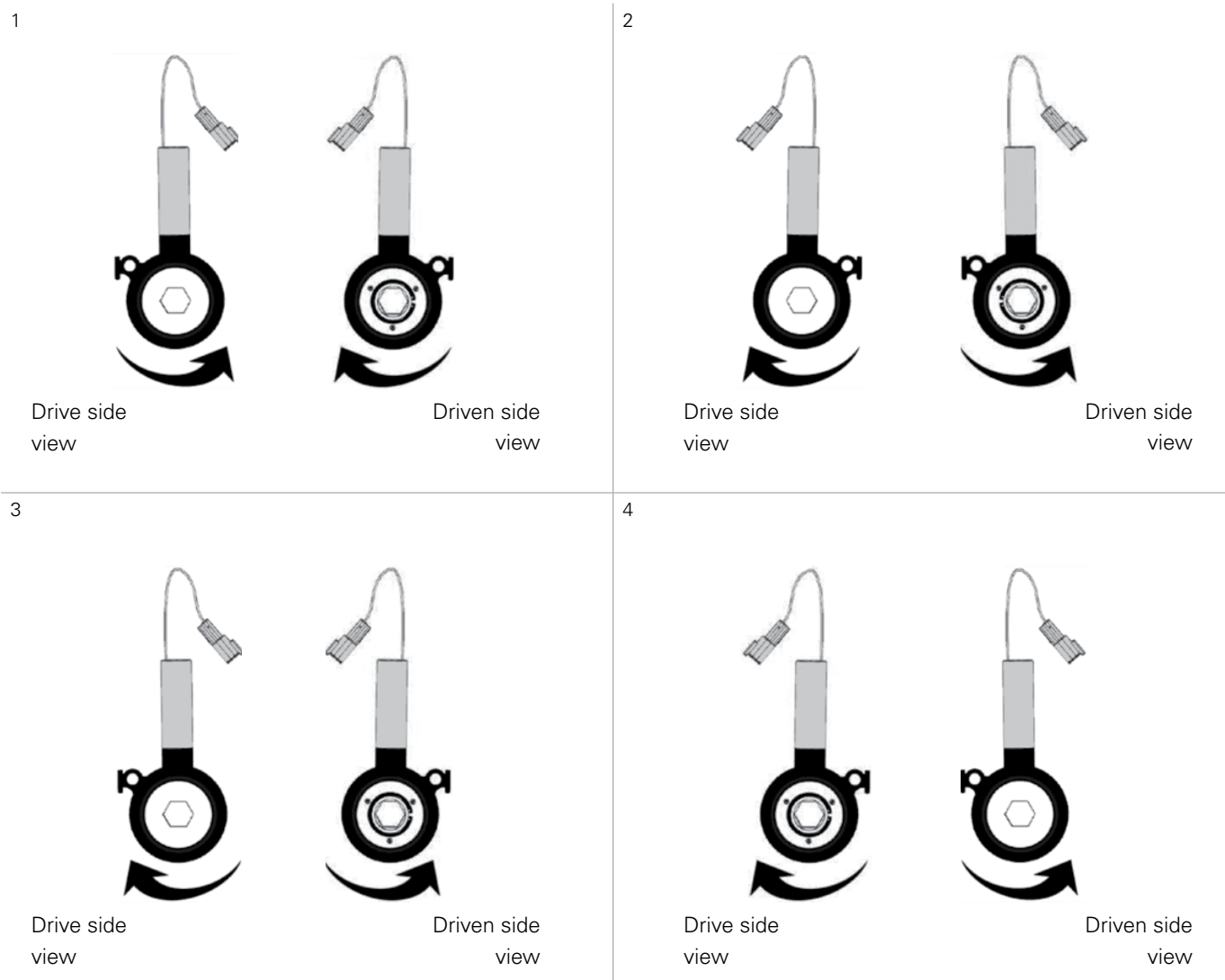
Function overview	AG-200	NAV-900		Trans- mission	Accuracy	Range	Costs
Frequency	L1	L1	L2				
GPS Designation of the American global satellite navigation system.	●	●				World- wide	Free of charge
GLONASS Designation of the Russian global satellite navigation system.	●	●				World- wide	Free of charge
GALILEO Designation of the European global satellite navigation system.	●	●				World- wide	Free of charge
BAIDOU Designation of the Chinese global satellite navigation system.	●	●				World- wide	Free of charge
EGNOS / WAAS (available in Europe, North America) Is a free correction signal that is transmitted by satellite. It is used for simpler field work. EGNOS is suitable for field operations such as spraying, soil tillage, spreading fertiliser, slurry application, and harvesting.	●	●			Pass to pass <25 cm	Europe, USA	Free of charge
xFill Based on Trimble's RTX technology, xFill enables seamless, centime- tre-perfect bridging of VRS or RTK signal drop-outs.	—	●			2.5 cm	World- wide	xFill: free of charge xFill Premium: Licence fees
RangePoint RTX A satellite-based correction service for pass to pass accuracies of 15 cm available almost worldwide. A local base station or modem is not required.	—	●			15 cm	World- wide	Licence fees
ViewPoint RTX Is a satellite-based correction service that is available virtually world- wide for AG-200 GNSS receivers. No local base station or modem is required.	●	—			Pass to pass 30 cm	World- wide	Licence fees
CenterPoint RTX Is an almost worldwide available satellite based correction service for accuracies up to 2.5 cm. No local base station or modem is required.	—	●			absolute 2.5 cm	World- wide	Licence fees
CenterPoint RTX fast Initialization time of less than 1 minute. CenterPoint RTX Fast is avail- able in selected regions and does not require a local base station or a modem.	—	●			absolute 2.5 cm	Europe, USA	Licence fees
CenterPoint RTK Describes the correction procedure in which RTK correction data is sent from a local base station to the GNSS receiver via a radio link. An external modem is required.	—	●			absolute 2.5 cm	location- de- pendent	licensing costs possible
CenterPoint VRS Describes the correction procedure in which RTK corrections are sent via a network consisting of base stations and servers via mobile Inter- net to the GNSS receiver. An external mobile radio modem is required.	—	●			absolute 2.5 cm	De- pend- ing on the service provider	Licence fees

Function overview

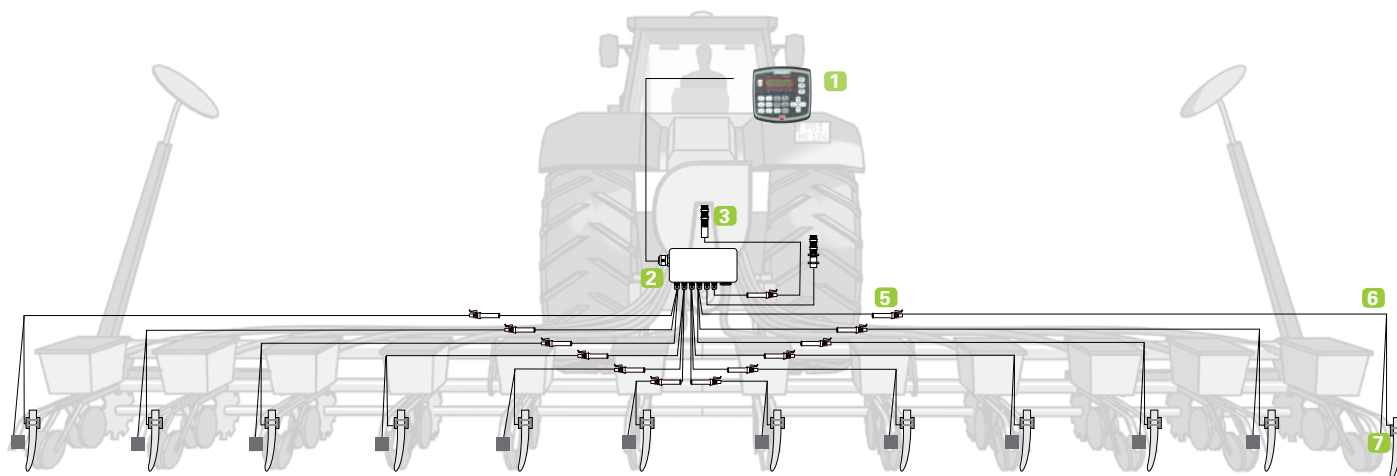
Precision planter

	PRECIMAT	ISOBUS monitoring module stand alone	ISOBUS PLANTER-Controller with junction box	ISOBUS PLANTER-Controller with monitoring module	ISOBUS PLANTER-Controller with control module	ISOBUS PLANTER-Controller MRC
Number of metering units	–	–	–	up to 12	up to 12	up to 12
Pre-metering	–	–	–	●	●	●
Target rate adjustment	–	–	–	●	●	●
Fan	1	1	2	2	2	2
Tramline control	–	–	●	–	●	●
Blockage monitoring	Without shut-off up to 18 rows, with shut-off up to 12 rows	up to 32 rows with 2 mod- ules	42	170	106	120
Internal task counters	–	–	●	●	●	●
Product database	–	●	●	●	●	●
Hydraulic functions	–	–	–	●	●	●
ISOBUS	–	●	●	●	●	●
ISOBUS-TC	–	–	●	●	●	●
SECTION-Control	–	–	●	●	●	●
MULTI-Control	–	–	●	●	●	●

Shut-off clutches



Different versions of the electrical shut-off clutch		Item no.	Price €
1	Shut-off clutch	3038990031	upon request*
2	Shut-off clutch	3038990032	upon request*
3	Shut-off clutch	3038990033	upon request*
4	Shut-off clutch	3038990034	upon request*

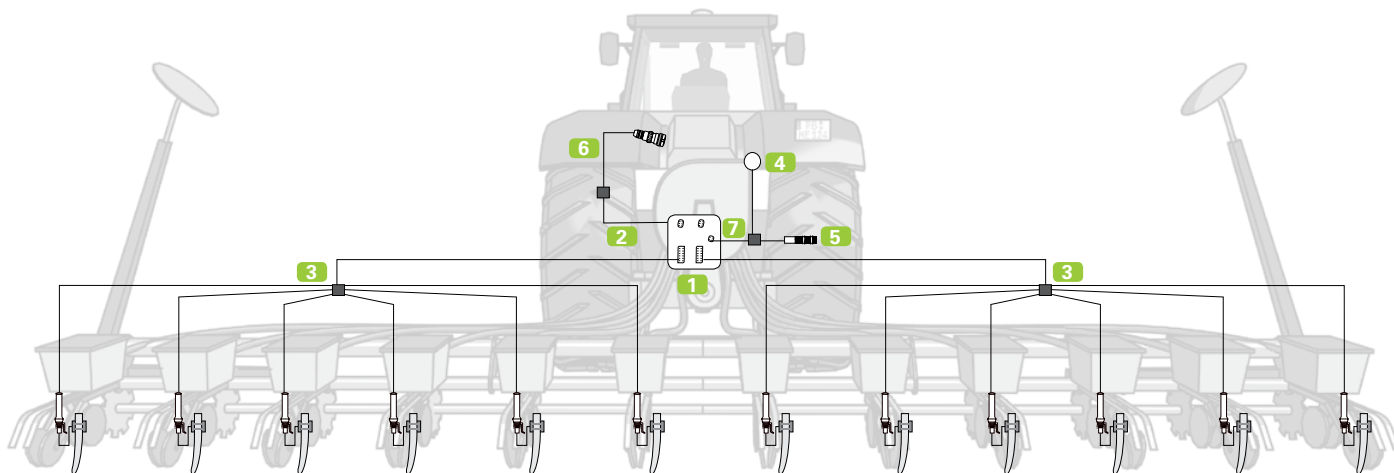


PRECIMAT		Item no.	Price €
1	PRECIMAT computer	30283650	
2	Junction box for machines without a row shutoff system, up to 12 rows, 6.5 m	30283701	
	Junction box for machines without a row shutoff system, up to 12 rows, 10 m	30283702	
	Junction box for machines with a row shutoff system, up to 12 rows, 10 m	30283706	
3	Rotational speed sensor with AMP connector	30303623	
4	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/ 52	
5	Shut-off clutch connector cable, 5 m	30285057	
	Shut-off clutch connector cable, 10 m	30285056	
6	Shut-off clutch available in different variants	see Page 16	
7	Standard optical sensor with customer-specific bracket	upon request	

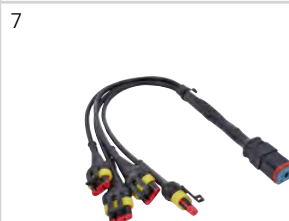
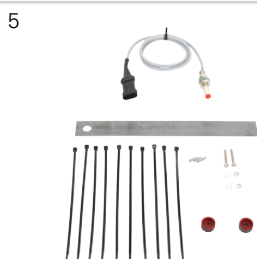


ISOBUS monitoring module

for precision planter

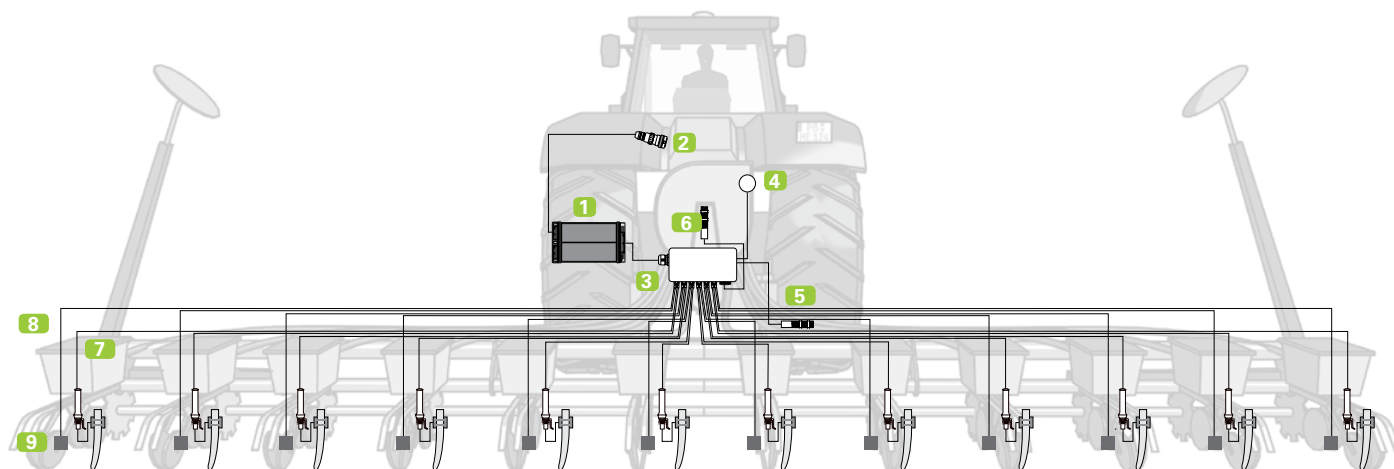


		Item no.	Price €
1	ISOBUS monitoring module precision planter	30284103	
2	Adapter cable ISOBUS to monitoring/control module	30284116	
3	Cable harness, monitoring module with 3-pin AMP socket	30284112	
4	GPS speed sensor	30258330	
5	Work position sensor, 1 m cable with AMP connector	30303615	
6	Connector cable ISOBUS job computer available in different cable lengths	see page 51/ 52	
7	Connection cable sensors monitoring/control module	30284117	

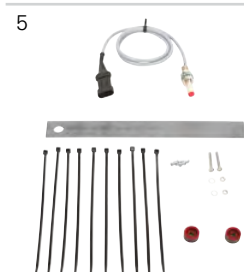


ISOBUS PLANTER-Controller

with junction box

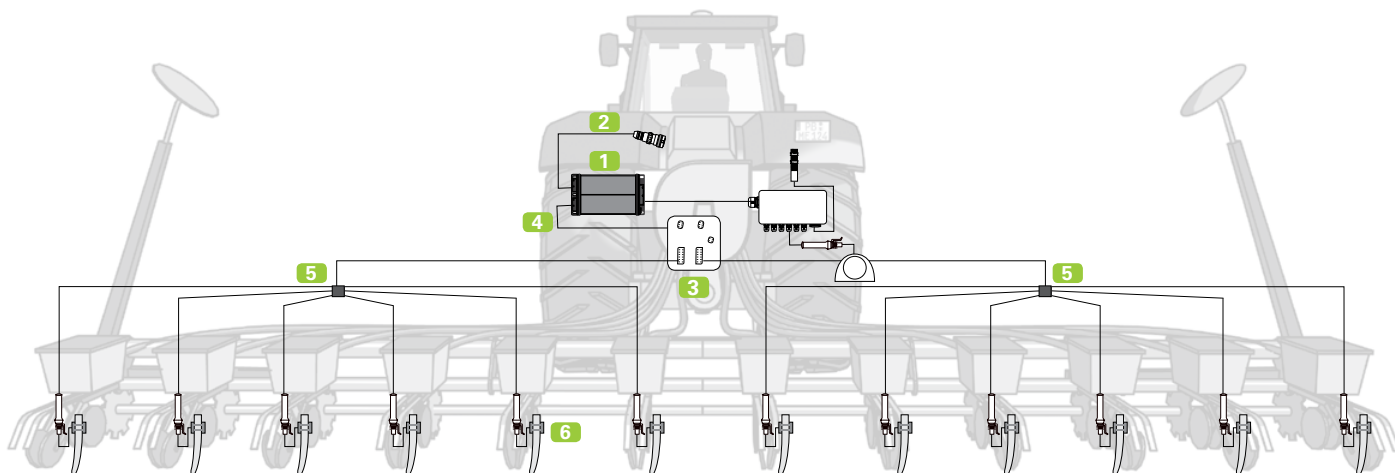


ISOBUS precision planter		Item no.	Price €
1	ECU-MIDI 3.0 precision planter ISOBUS job computer	3028501101	
2	Connector cable ISOBUS job computer available in different cable lengths	see page 51/ 52	
3	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
4	GPS speed sensor	30258330	
5	Work position sensor, 1 m cable, with AMP connector	30303615	
6	Rotational speed sensor with AMP connector	30303623	
7	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/ 52	
8	Shut-off clutch connector cable, 5 m	30285057	
	Shut-off clutch connector cable, 10 m	30285056	
9	Shut-off clutch available in different variants	see Page 16	



ISOBUS PLANTER-Controller

with monitoring module

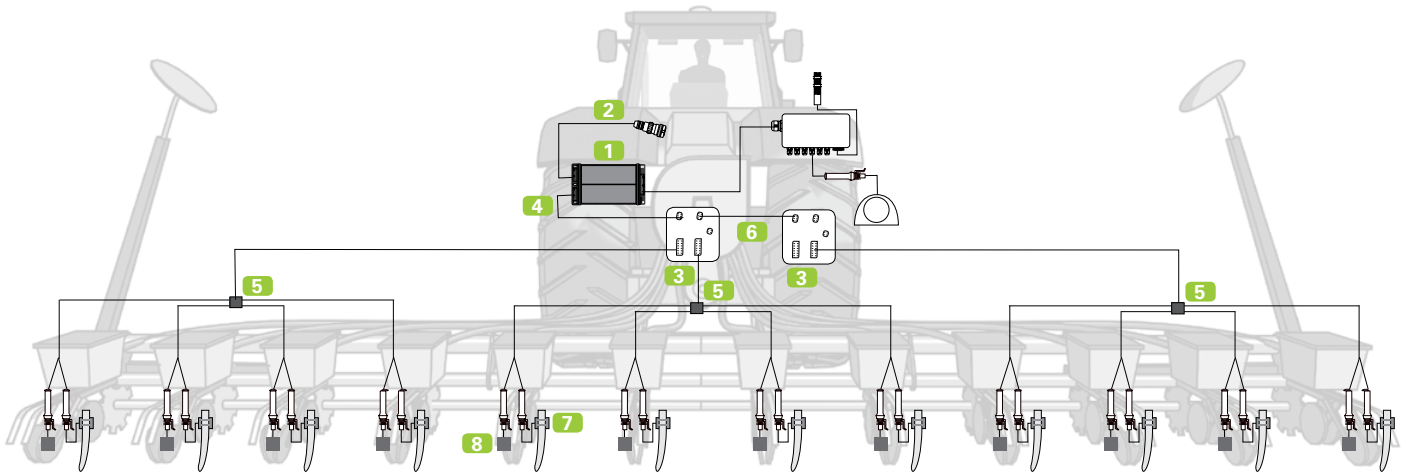


		Item no.	Price €
1	ECU-MIDI 3.0 precision planter ISOBUS job computer	3028501101	
2	Connector cable ISOBUS job computer available in different cable lengths	see page 51/ 52	
3	Monitoring module precision planter	30284100	
4	Connector cable, monitoring/control module, 0.5 m	30284115	
5	Cable harness, monitoring module with 4-pin AMP socket for PLANTirium®	30284110	
6	PLANTirium® sensor, seed tube sensor for seed detection using imaging sensor technology	30293600	



ISOBUS PLANTER-Controller

with control module

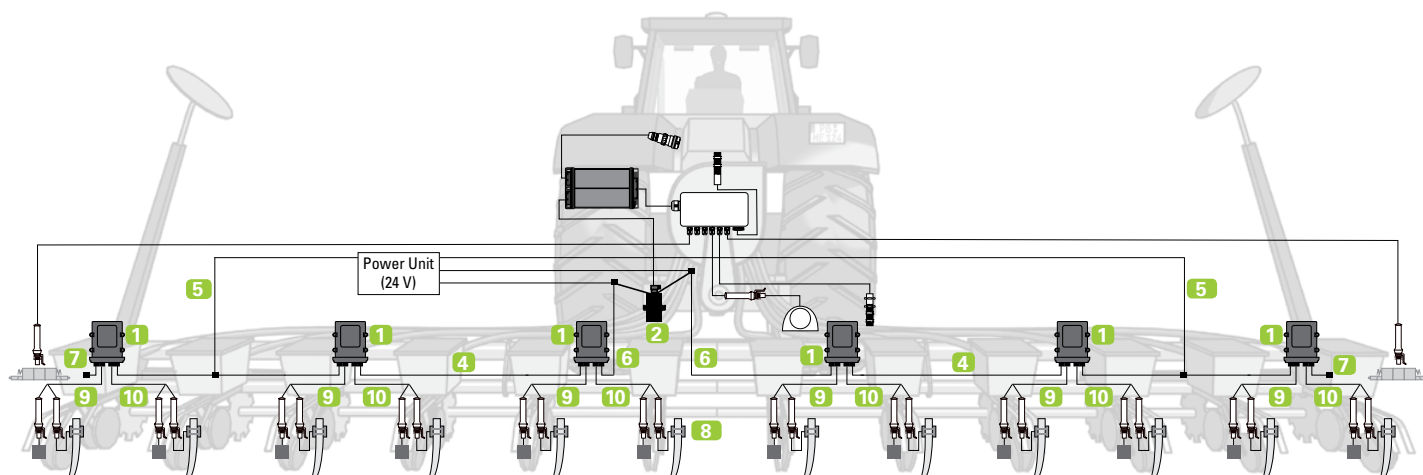


		Item no.	Price €
1	ECU-MIDI 3.0 precision planter ISOBUS job computer	3028501101	
2	Connector cable ISOBUS job computer available in different cable lengths	see page 51/52	
3	Control module precision planter	30284101	
4	Connector cable, monitoring/control module 0.5 m	30284115	
5	Cable harness, control module with 4-pin AMP socket for PLANTirium®	30284111	
6	Connector cable between two MRC modules, 0.6 m	3039704004	
	Connector cable between two MRC modules, 2 m	3039704000	
7	PLANTirium® sensor, seed tube sensor for seed detection using imaging sensor technology	30293600	
8	Shut-off clutch available in different variants	see Page 16	

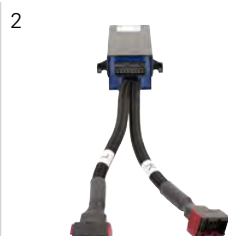


ISOBUS PLANTER-Controller

with MRC module



ISOBUS precision planter		Item no.	Price €
1	MRC Module	30397027	
2	MRC cable harness with CAN repeater	3028405401	
3	Connector cable, main to expansion job computer available in different cable lengths	see page 51/52	
4	Connector cable between two MRC modules, 0.6 m	3039704004	
	Connector cable between two MRC modules, 2 m	3039704000	
5	Connector cable between 2 MRC modules with external supply input, 1.2 m	3039704001	
6	Connector cable between CAN repeater and two MRC modules with external supply input, 2 m	3039704003	
	Connection cable between CAN repeater and MRC module, with external power supply input and electronic supply, 2 m	3039704005	upon request
7	Termination plug	3039704002	
8	PLANTirium® sensor, seed tube sensor for seed detection using imaging sensor technology	30293600	
9	Connection cable stepper motor and PLANTirium® to MRC module, Key-A coding	3039704006	upon request
10	Connection cable stepper motor and PLANTirium® to MRC module, Key- C coding	3039704007	upon request



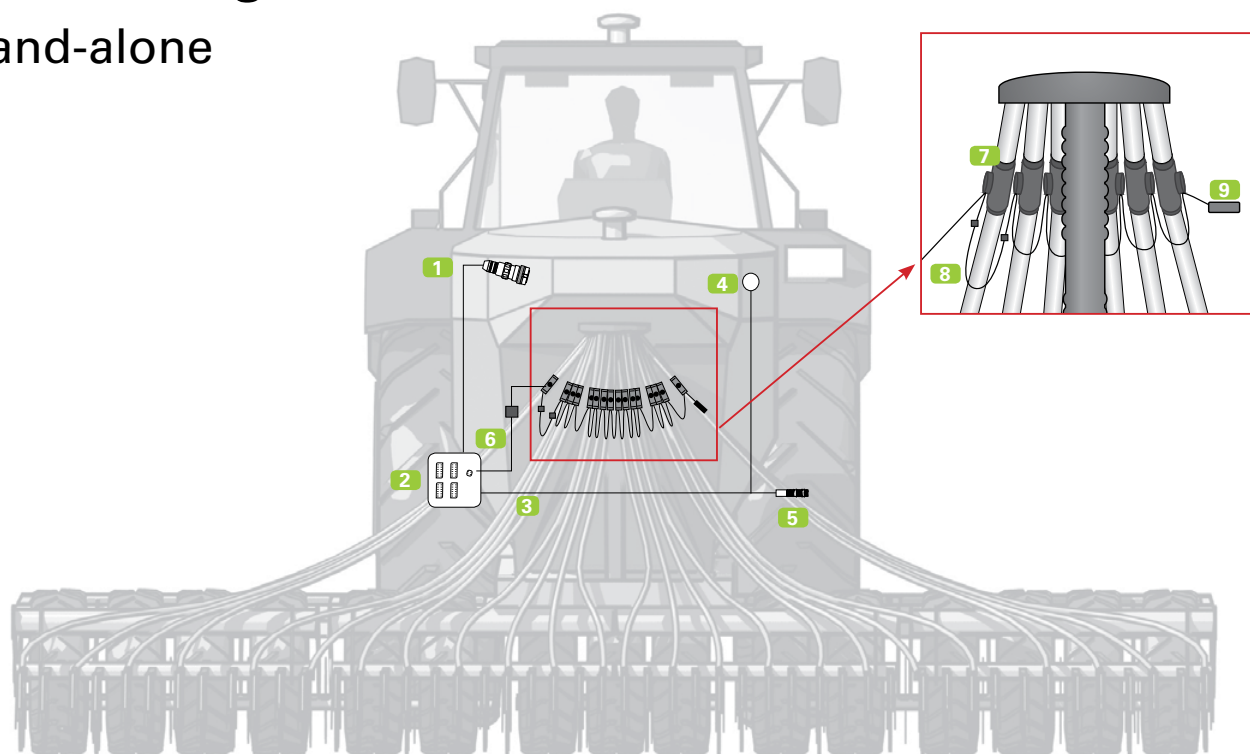
Function overview

Seeder

	DRILLMAT III	ISOBUS DRILL-Controller
Number of products	1	6
Number of metering units	–	up to 12
Pre-metering	–	on the work screen/ AUX-N joystick
Half width shutoff system	–	●
Target rate adjustment	–	●
Fan	1 monitoring	control up to 2 or monitoring
Tramline	Motor	Motor, solenoid (L&R)
Fill level sensor	1	●
Pre-emergence marker	Magnet	Magnet (L&R)
Blockage monitoring	–	ME Blockage, Agtron, DICKEY-john
Internal task counter	–	●
Product database	–	●
Folding	–	●
Lifting/Lowering	–	●
ISOBUS	–	●
ISOBUS-TC	–	●
SECTION-Control	–	●
MULTI-Control	–	●

ME Blockage

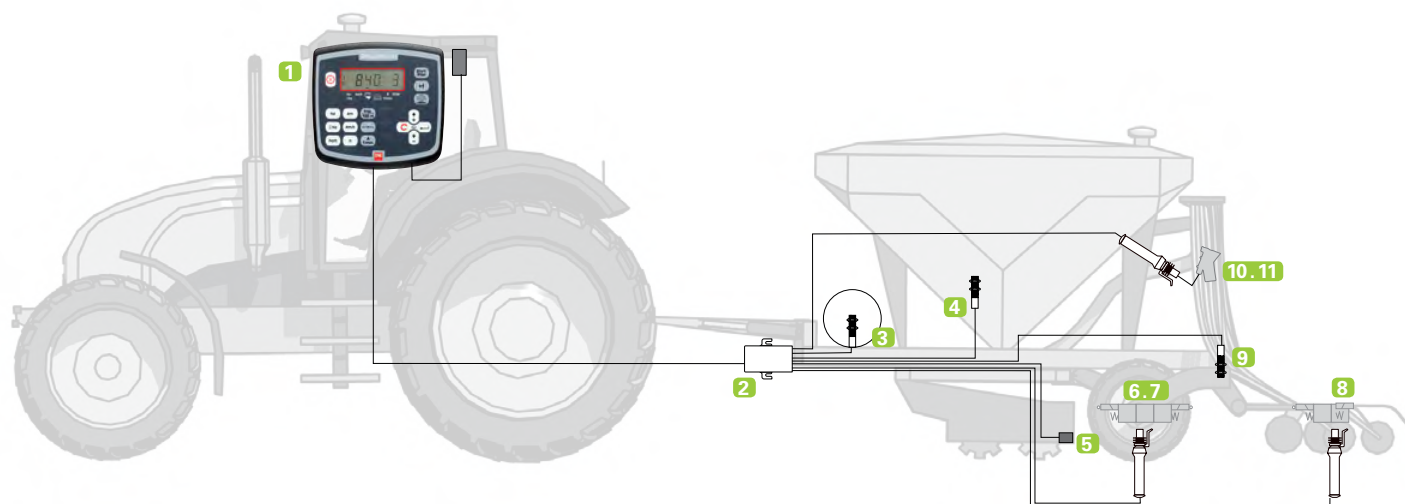
Stand-alone



		Item no.	Price €
1	Connector cable ME blockage sensor, 8.5 m	30303161	upon request
2	ISOBUS job computer ME Blockage	30293703	
3	Connection cable sensors monitoring/control module	30284117	
4	GPS speed sensor	30258330	
5	Work position sensor, 1 m cable with AMP connector	30303615	
6	Connector cable blockage sensor	30293702	
7	ME blockage sensor, diameter 32 mm	30293700	
	ME blockage sensor, diameter 45 mm	30293701	
8	Extension cable ME blockage sensor, 1.5 m	3030329203	
9	Dust protection cap	31300540	



DRILLMAT III



DRILLMAT III		Item no.	Price €
1	DRILLMAT – computer with console and battery cable	30283615	
Seeder equipment			
2	Cable harness for tramline control motorized flap with sensors, 6.5 m	30283710	
	Cable harness for tramline control solenoid flap with sensors, 6.5 m	30283711	

Scope of delivery:

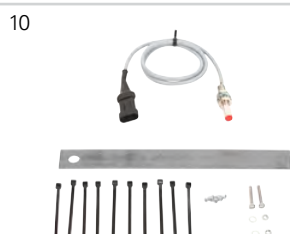
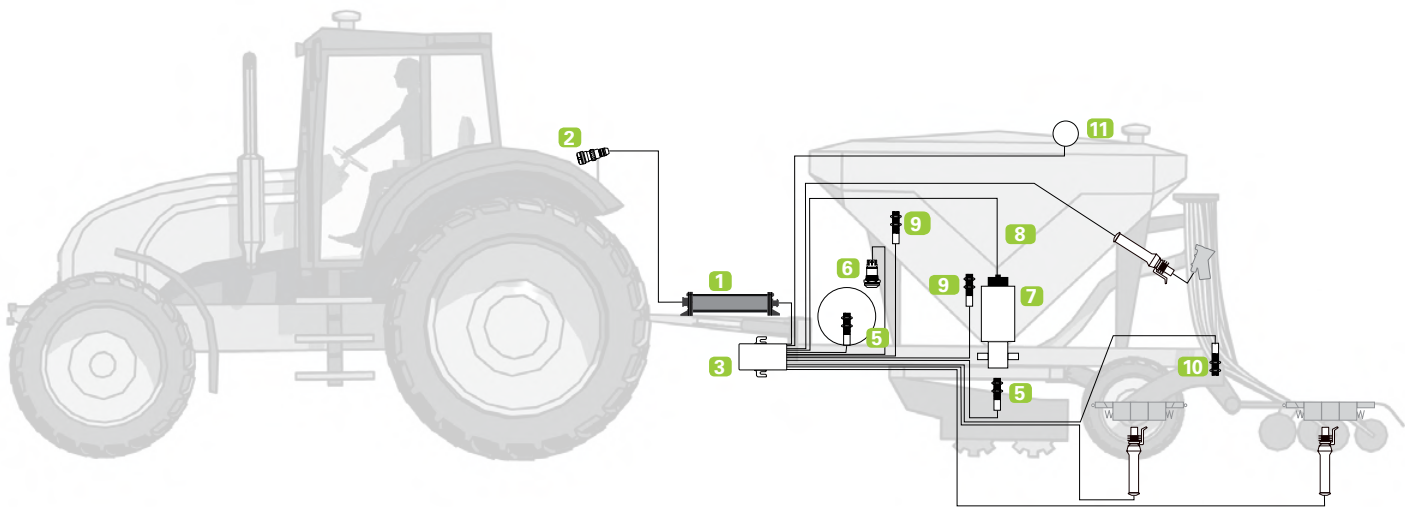
- Bout marker output (6, 7)
- Level sensor (4)
- Wheel sensor (5)
- Metering shaft speed sensor (9)
- Fan speed sensor (3)

Outputs for:

- Pre-emergence marker (8)
- Left tramline valve (10)
- Right tramline valve (11)



ISOBUS DRILL-Controller



ISOBUS seeder		Item no.	Price €
1	ECU-MIDI 3.0 seeder ISOBUS job computer	3028501101	
2	Connector cable ISOBUS job computer available in different cable lengths	see page 51/52	
3	Cable harness ISOBUS seeder with 2 metering drives	30285031	
4	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
5	Rotational speed sensor with AMP connector	30303623	
6	Calibration button with AMP connector	30285080	
7	Electrical metering drive	30285051	
	Electric metering drive, CAN version	30285052	
8	Connector cable for electrical metering drive to junction box , 2 m	30285055	
9	Level sensor , 1 m cable, with AMP connector	30303650	
10	Work position sensor , 1 m cable, with AMP connector	30303615	
11	GPS speed sensor	30258330	
12	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/52	
Accessories			
13	Connector cable, main to expansion job computer available in different cable lengths	see page 51/52	

Funktion overview

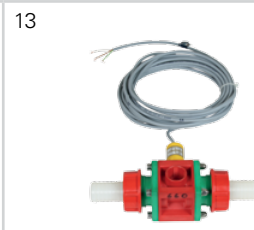
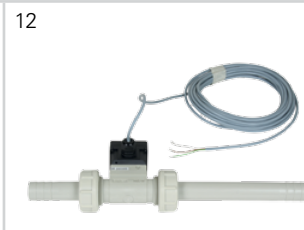
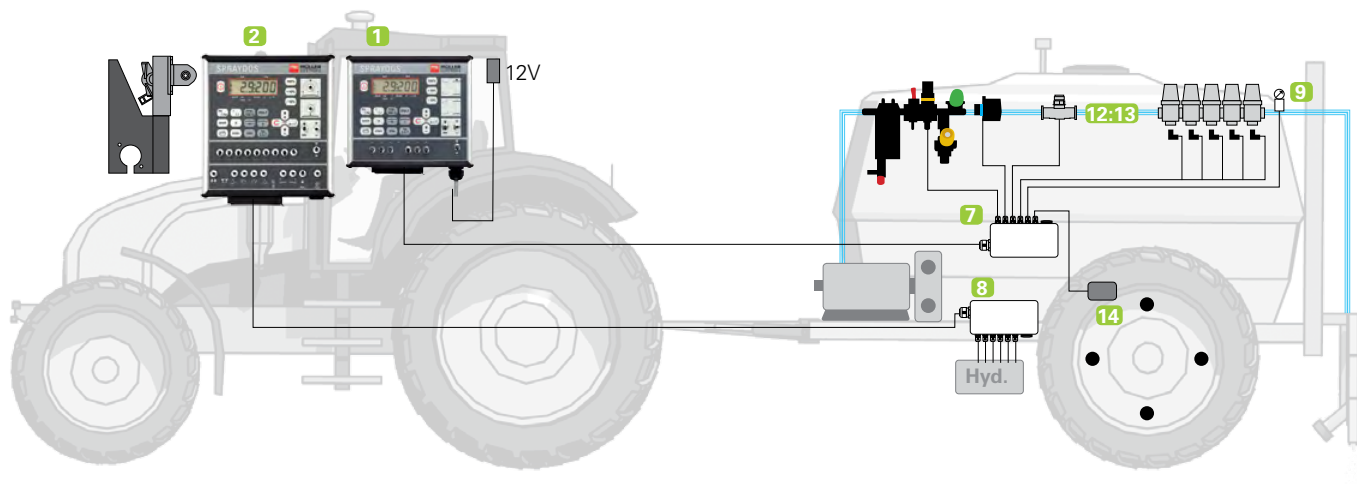
Crop protection

	SPRAYDOS short	SPRAYDOS long	ISOBUS SPRAYER-Controller
Application rate monitoring	●	●	●
Application rate regulation	●	●	●
ISOBUS system	-	-	●
Number of sections	9	9	up to 18 (with 2 job computers)
Hydraulic functions	4	13	up to 20 hydraulic functions per job computer
Trip and total counter	●	●	●
Task management (ISOBUS-TC)	via SC-BOX	via SC-BOX	●
Working with prescription maps	via SC-BOX	via SC-BOX	●
Fill level sensor (TANK-Control)	●	●	●
Filling, flushing and stirrer control (TANK-Control III)	-	-	●
Drawbar and axle steering (TRAIL-Control)	-	-	●
Boom height control system (DISTANCE-Control)	-	-	●
Boom height control system (DISTANCE-Control II)	-	-	●
Section Control (SECTION-Control)	via SC-BOX	via SC-BOX	●
Individual nozzle switching (SECTION-Control TOP)	-	-	up to 210
Automatic nozzle selection (VARIO-Select)	-	-	●
Turn Compensation (CURVE-Control)	-	-	●
Droplet size control (AIRTEC)	-	-	●
Multi product control (MULTI-Product)	-	-	●
Multi device control (MULTI-Device)	-	-	●
Multi boom control (MULTI-Boom)	-	-	●
Application rate control per section (MULTI RATE-Control)	-	-	●
Multi boom section control (MULTI SECTION-Control)	-	-	●
External keypads	-	-	up to 3x 8 keys
Joystick	via SC-BOX	via SC-BOX	●
S-Box	via SC-BOX	via SC-BOX	●
Weather station	via SC-BOX	via SC-BOX	●
Compatibility with agronomic sensors	via SC-BOX	via SC-BOX	●
Configuration	not necessary	not necessary	via PC

ISOBUS SPRAYER-Controller Orchard / Vineyard	ISOBUS HOEING-Controller
	-
	-
up to 18 (with 2 job computers)	up to 19 sections (49 hoeing elements) with 3 job computers
up to 20 hydraulic functions per job computer	up to 20 hydraulic functions per job computer
	-
-	-
-	-
-	-
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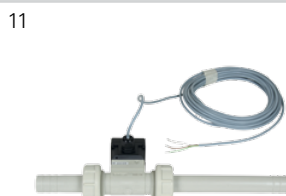
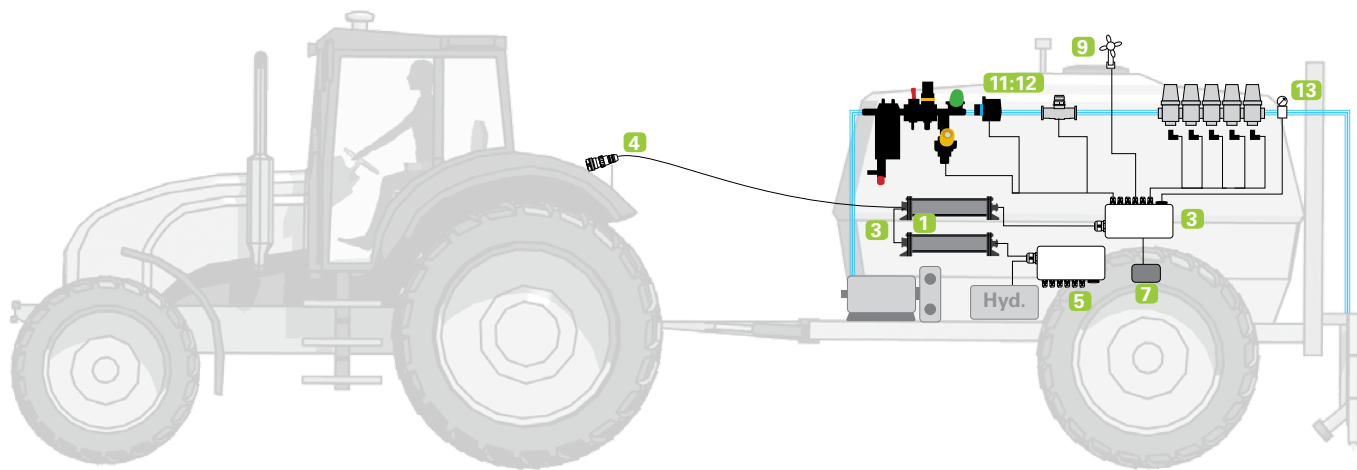
* limited discount

SPRAYDOS short/long



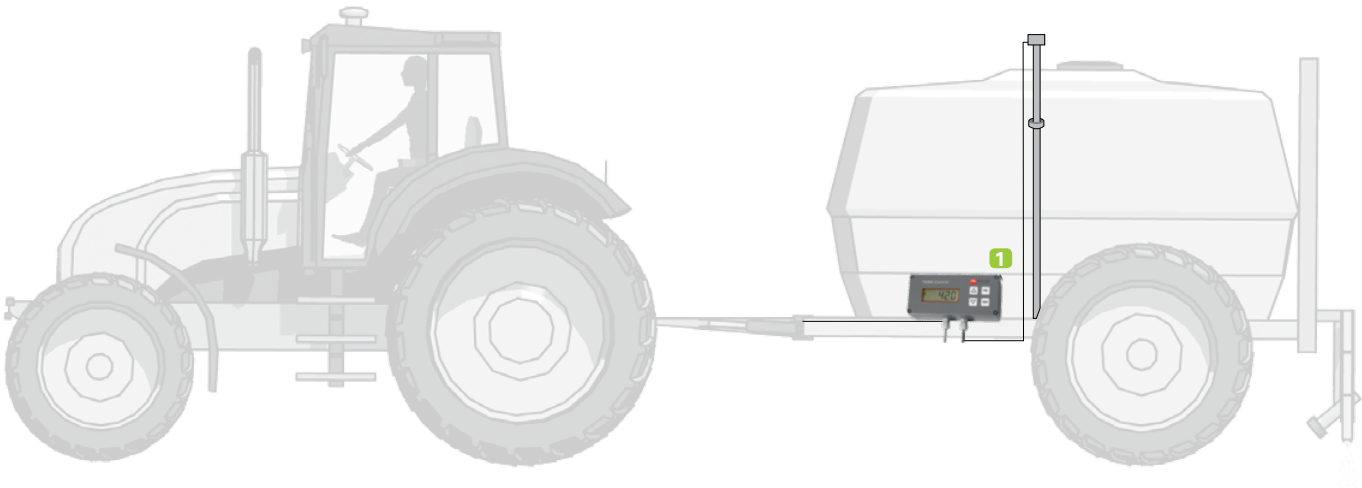
SPRAYDOS short		Item no.	Price €
1	SPRAYDOS computer, 5 sections, without hydraulics, with bracket	30221001	
	SPRAYDOS computer, 7 sections, without hydraulics, with bracket	30221011	
	SPRAYDOS computer, 9 sections, without hydraulics, with bracket	30221021	
SPRAYDOS long			
2	SPRAYDOS long, 5 sections, with expandable hydraulic functions	30221151	
	SPRAYDOS long, 7 sections, with expandable hydraulic functions	30221161	
	SPRAYDOS long, 9 sections, with expandable hydraulic functions	30221171	
Basic vehicle harness			
Any one of these basic vehicle harnesses is necessary for equipping a second tractor			
3	Tractor basic vehicle harness, for tractors without signal socket, mounting bracket for computer, sensor X (wheel sensor) / drive shaft with 6 m cable, battery connector cable and installation material	302724	
4	Tractor basic vehicle harness, for tractors with signal socket in accordance with DIN 9684.1 and ISO 11786 (7-pin), KHD, UNIMOG (Unicom), FENDT, John Deere, Case-Steyr	302729	
5	Trailed sprayer basic vehicle harness, mounting bracket for computer, sensor X (trailed sprayer) with 10 m cable without connector, battery connector cable and installation material	30273305	
6	Basic vehicle harness without sensor, mounting bracket for computer and battery connector cable	30273505	
Junction box			
7	Junction box for SPRAYDOS, 6.5 m cable with 39-pin male connector for manifold and hydraulics	30221070	
	Junction box for SPRAYDOS, 10 m cable with 39-pin male connector for manifold and hydraulics	30221075	
8	Junction box for SPRAYDOS, 6.5 m cable with 30-pin male connector for hydraulic system	30221080	
	Junction box for SPRAYDOS, 10 m cable with 30-pin male connector for hydraulic system	30221081	
Pressure sensor			
9	Pressure sensor 0 – 16 bar, 1 m cable with AMP connector	30303591	
10	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/52	
11	Accessory bag pressure sensor	NET 31243210	
Flow meter			
12	Flow meter Bürkert, Inline DN 20, 10 bar, 7 m cable without connector, 8 - 140 l/min	30244510	
	Flow meter Bürkert, Inline DN 25, 10 bar, 7 m cable without connector 14 – 220 l/min	30244710	
13	Polmac 1" Turbo-Flow flow meter, 30 bar, 7 m cable without connector, 6 - 140 l/min	30244910	
Accessories			
14	Sensor X for wheel/drive shaft, 6 m cable with 3-pin connector	312083	
15	Sensor X for trailed sprayer (12 magnets) for slip-free speed tracking	312583	
16	GPS speed sensor	30258330	
17	Extension cable for GPS speed sensor 11 m with AMP socket and 3-pin connector	30303290	
Momentary switch for motoric slope compensation, max. 15 Ampere		30221030	
Momentary switch for slope compensation with linear actuator , max. 4 Ampere		30221185	
Hydraulic function with momentary switch max. 4 Ampere, max. 4 functions possible		30221180	

ISOBUS SPRAYER-Controller



ISOBUS job computer with expansion job computer for sprayers		Item no.	Price €
1	ISOBUS Sprayer Controller MIDI 3.0	3032245501	
	ECU-MIDI 3.0 sprayer ISOBUS job computer add-in job computer	3032245601	
2	ISOBUS control module, sprayer	30284102	
3	Connector cable, monitoring/control module, 0.5 m	30284115	
	Connector cable, monitoring/control module, 1.5 m	30284114	upon request
VARIO-Select activation for automatic nozzle selection		30303080	
AIRTEC activation for droplet size control		30303075	
AIRTEC II activation for droplet size control		30303078	
4	Connector cable ISOBUS job computer available in different cable lengths	see page 51/52	
5	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
Accessories			
6	Connector cable, main to expansion job computer available in different cable lengths	see page 51/52	
7	Sensor X (speed), trailed sprayer, 1 m cable with AMP connector, 12 magnets	30303621	
8	GPS speed sensor	30258330	
9	Anemometer for sprayers, 3 m cable with 3-pin AMP connector	30303705	
10	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/52	
Flow meter			
11	Inline flow meter (Bürkert) DN 20, 10 bar, 7 m cable without connector, 8 - 140 l/min	30244510	
	Inline flow meter (Bürkert) DN 25, 10 bar, 7 m cable without connector, 14 - 220 l/min	30244710	
12	Flow meter Polmac 1" Turbo-Flow 30 bar, 7 m cable without connector, 6 - 140 l/min	30244910	
Pressure sensor			
13	Pressure sensor 0 – 16 bar, 1 m cable with AMP connector	30303591	
14	8 m connector cable for sensors, with 3-pin AMP socket to junction box	30303297	
Accessory bag pressure		NET 31243210	

TANK-Control

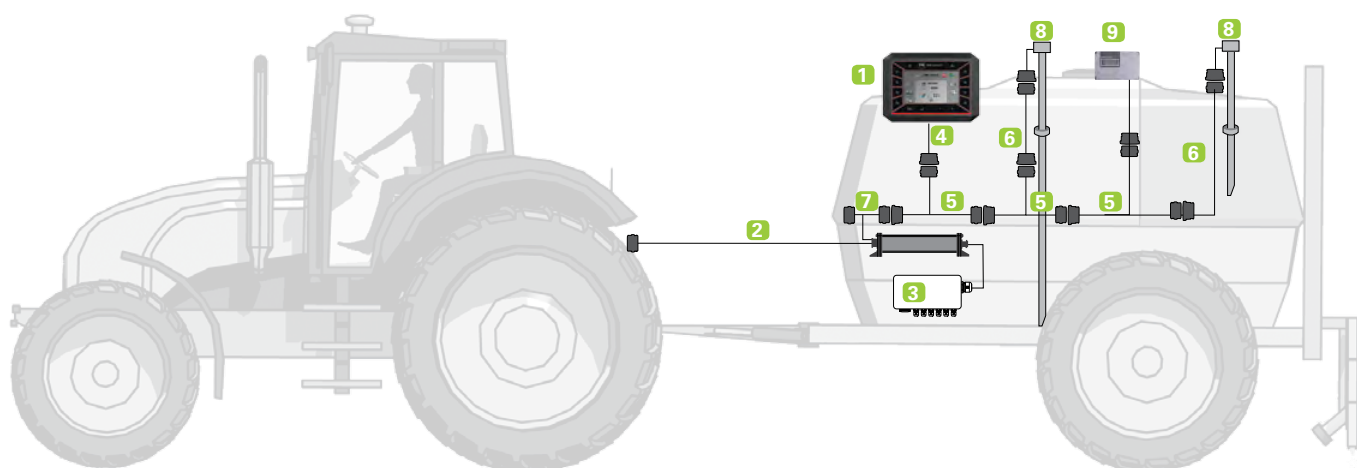


Optional for all sprayer control systems

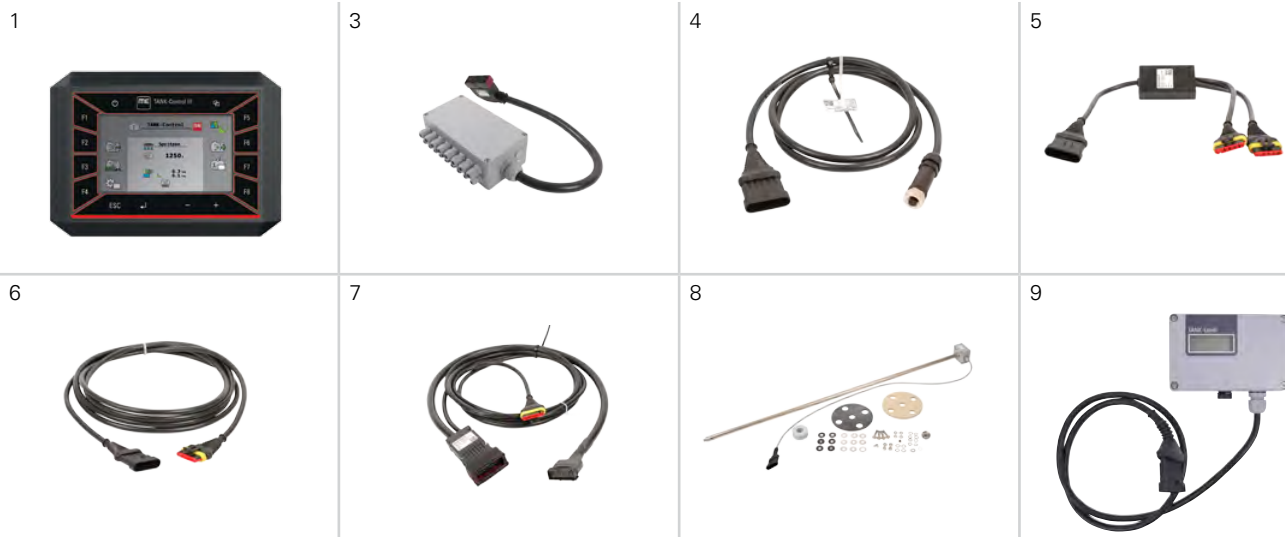
TANK-Control		Item no.		Price €
The first number in the article text is the maximum measurement value, while the second number is the overall length of the sensor.				
1	TANK-Control with level sensor 1200/1380	30252003		
	TANK-Control with level sensor 1440/1620	30252006		
	TANK-Control with level sensor 1600/1780	30252011		
	TANK-Control with level sensor 1840/2020	30252021		
	TANK-Control with level sensor 2080/2260	30252045		
	TANK-Control with level sensor 2400/2580	30252051		
Accessories				
2	Connection cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths (is required for connection to the junction box).	see page 51/52		



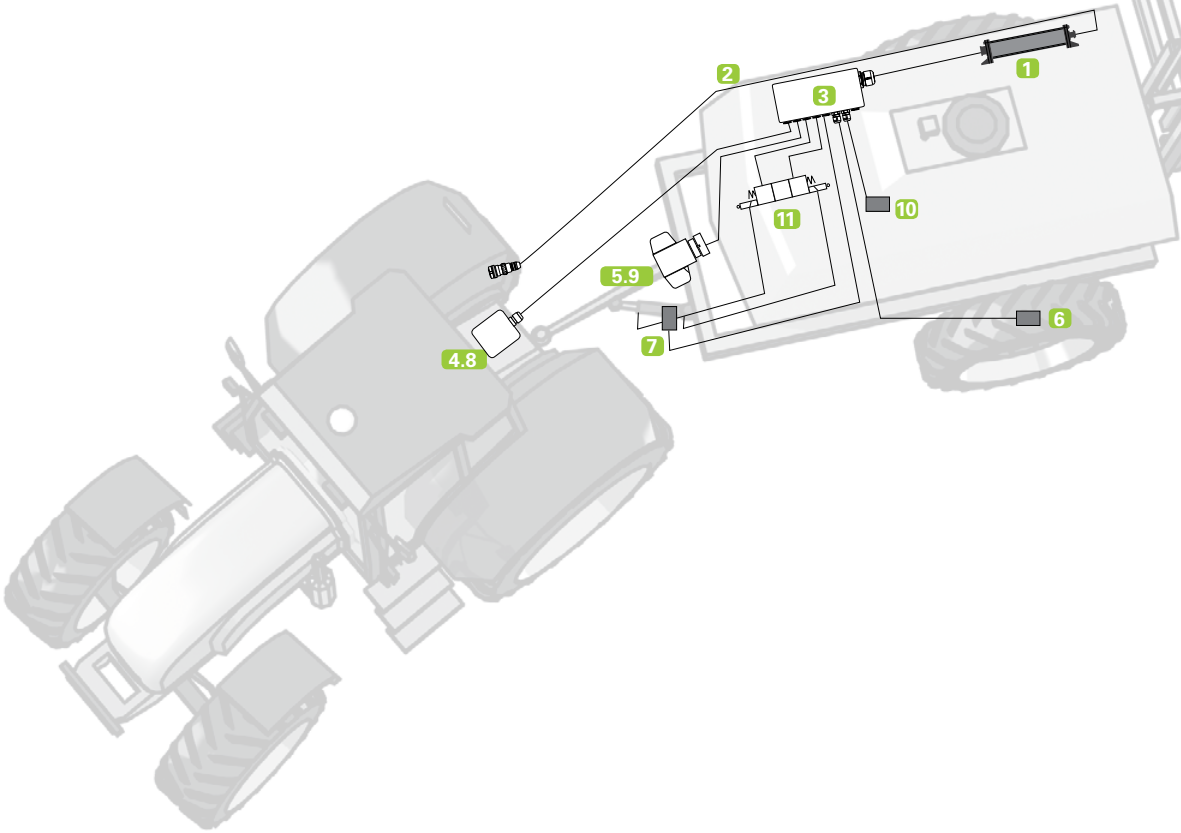
TANK-Control III



TANK-Control III		Item no.	Price €
1	TANK-Control III	30252080	
2	Connector cable, main to expansion job computer available in different cable lengths	see page 51/52	
3	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
4	FlexWire connector cable for TANK-Control III	3025208020	
5	FlexWireY cable with 3x 6-pin AMP connector	3025208010	
6	FlexWire extension cable 3.5 m with 6-pin AMP connector	3025208035	
	FlexWire extension cable 7.5 m with 6-pin AMP connector	3025208036	
7	FlexWireY cable on MIDI 3.0	3025208030	
8	TANK-Control III with level sensor 800/980	30252061	
	TANK-Control III with level sensor 1120/1300	30252071	
	TANK-Control III with level sensor 1440/1620	30252062	
	TANK-Control III with level sensor 1600/1780	30252064	
	TANK-Control III with level sensor 1840/2020	30252066	
	TANK-Control III with level sensor 2080/2260	30252068	
9	Additional display tank content for MIDI 3.0	31252002	



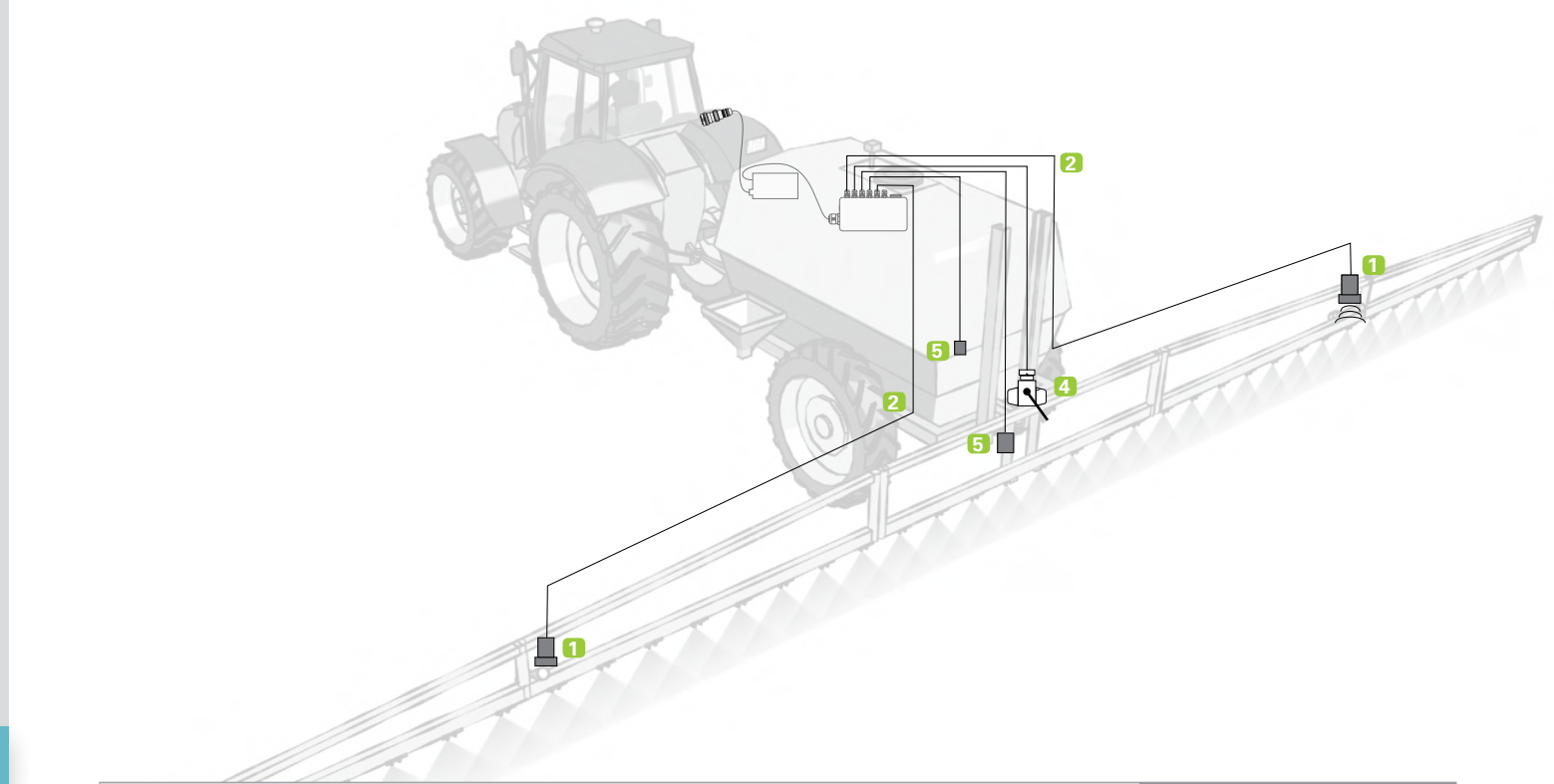
ISOBUS TRAIL-Control



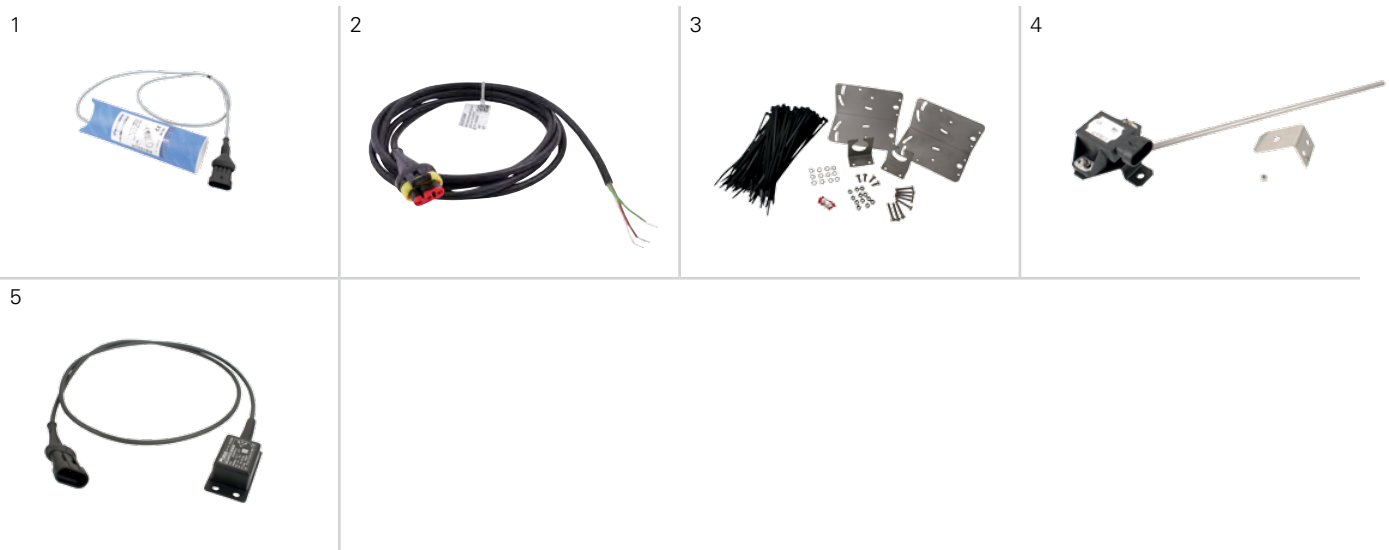
1	2	3	4.8
5.9	6	7	10
11	12	13	

ISOBUSTRAIL-Control stand-alone solution		Item no.	Price €
1	ISOBUSTRAIL-Control stand-alone job computer	3032245701	
2	Connector cable ISOBUS job computer available in different cable lengths	see page 51/52	
3	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
4	Gyroscope with 2x bracket, with AMP connector	30303685	
5	Angle sensor 30° with AMP connector, without cable, with boom	30303672	
	Angle sensor 60° with AMP connector, without cable, with boom	30303673	
	Angle sensor 120° with AMP connector, without cable, with boom	30303675	
6	Sensor X, trailed sprayer, 6 m cable without connector with 12 magnets	312583	
7	SensorY, 1 m cable with AMP connector without installation material	31302506	
TRAIL-Control as an option for job computer MIDI 3.0			
8	Gyroscope with 2x bracket, with AMP connector	30303015	
9	Angle sensor with AMP connector, without cable, with boom		
Optional			
10	Electronic slope sensor with 1 m cable and AMP connector	30303690	
11	Proportional valve	302923	
Optional: To connect to SPRAYER-Controller			
12	Connector cable, main to expansion job computer available in different cable lengths	see page 51/52	
A connector cable is required for sensors and gyroscope			
13	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/52	

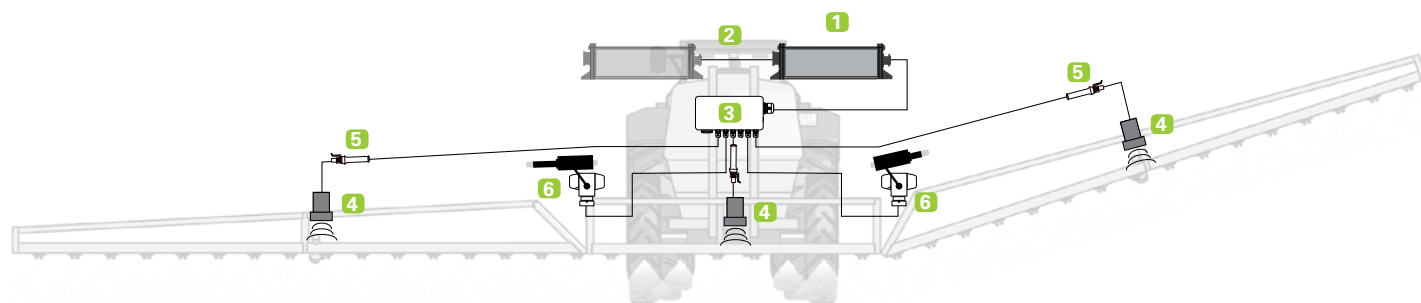
ISOBUS DISTANCE-Control



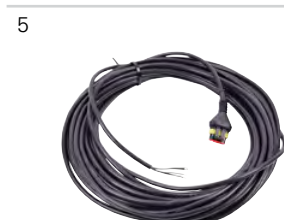
ISOBUS DISTANCE-Control with 2 ultrasonic sensors, with 1 slope sensor		Item no.	Price €
1	2 ultrasonic sensors	30303058	
2	Connector cable, ultrasonic sensor, 20 m		
3	Accessory bag for DISTANCE-Control		
4	Angle sensor with AMP connector, without cable, with boom		
5	Electronic slope sensor with 1 m cable and AMP connector		
ISOBUS DISTANCE-Control with 2 ultrasonic sensors, with 2 slope sensors			
1	2 ultrasonic sensors	30303059	
2	Connector cable, ultrasonic sensor, 20 m		
3	Accessory bag for boom control		
4	Angle sensor with AMP connector, without cable, with boom		
5	2 electronic slope sensors with 1 m cable and AMP connector		



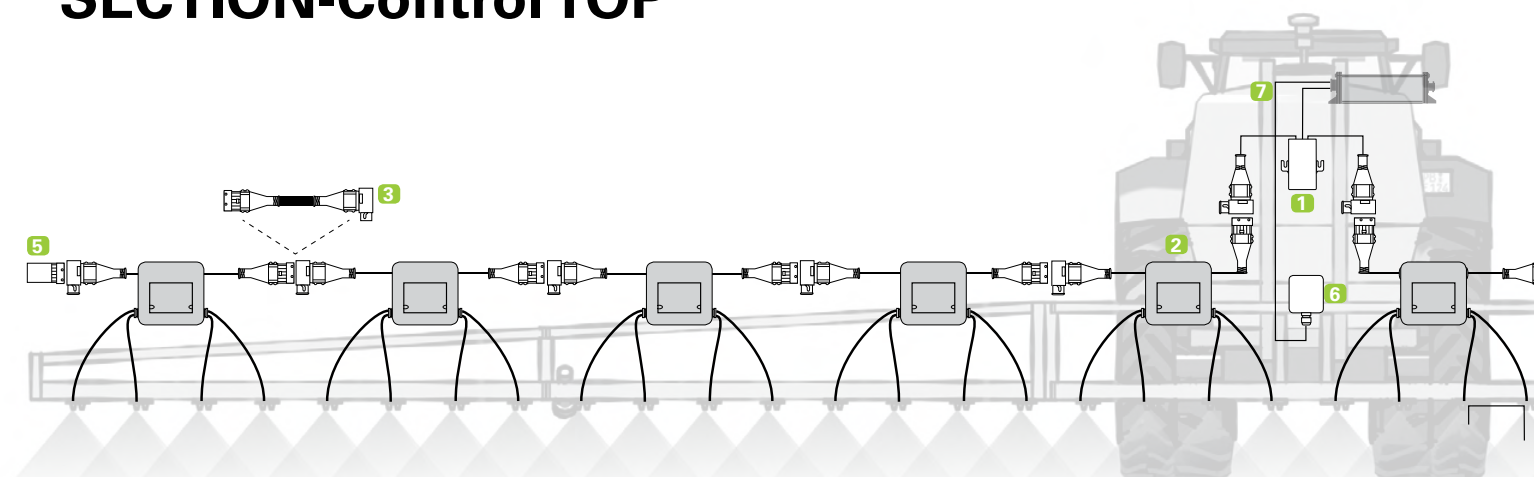
ISOBUS DISTANCE-Control II



ISOBUS DISTANCE-Control II		Item no.	Price €
1	DISTANCE-Control II job computer	3030316501	
2	Connector cable, main to expansion job computer available in different cable lengths	see page 51/52	
3	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
4	Ultrasonic sensor for boom control	30217518	
5	Connector cable, ultrasonic sensor, 20 m	31303050	
6	Angle sensor 30° with AMP connector, without cable, with boom	30303672	
	Angle sensor 60° with AMP connector, without cable, with boom	30303673	
	Angle sensor 120° with AMP connector, without cable, with boom	30303675	
7	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/52	
8	Y cabel, 2 m for 2x sensors(US)	31303052	
	Y cabel, 4 m for 2x sensors(US)	31303053	
	Y cabel, 6 m for 2x sensors(US)	3130305300	



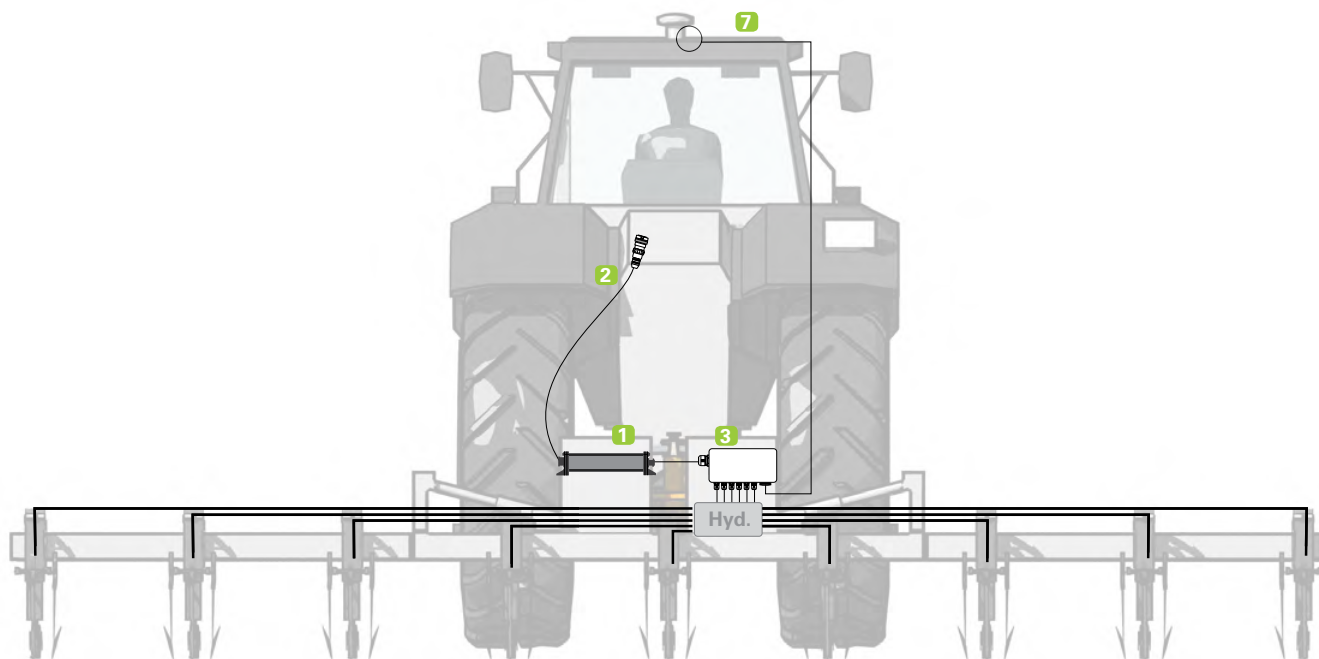
SECTION-Control TOP



Job computer EDS		Item no.	Price €
1	EDS communication module (item no. 3130308311 is already included twice in the scope of delivery.)	3030308530	
EDS equipment			
	EDS module, quadruple , 6 mm air Single, for single nozzle mount, cable length 2x 1.1 m	3030308303	
2	EDS module, quadruple , 6 mm air Twin, for twin nozzle mount, cable length 2x 0.6 m	3030308304	
	EDS module, quadruple , 6 mm air Quattro, for quadruple nozzle mount, cable length 2x 0.35 m	3030308305	
	Extension cable, 0.85 m , with 10-pin socket / 10-pin connector	3030308320	
3	Extension cable, 1.35 m , with 10-pin socket / 10-pin connector	3030308321	
	Extension cable, 2.35 m , with 10-pin socket / 10-pin connector	3030308322	
4	Quick exhaust valve for EDS module, 6 mm, 100-piece packaging unit	NET 3030308335	
5	EDS-CAN termination plug, 120 Ohm	3130308311	
Optional for gyroscope			
6	Gyroscope with 2x bracket, with AMP connector	30303685	
VARIO-Select activation for automatic nozzle selection		30303080	
A connector cable is required for sensors and gyroscope			
7	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/52	



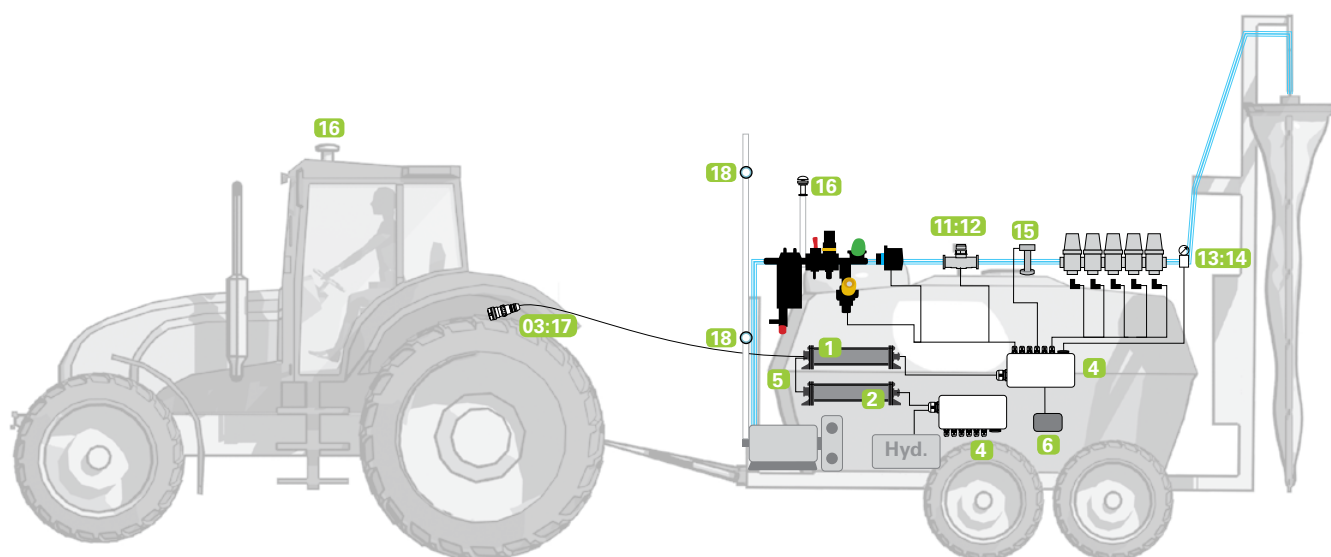
ISOBUS HOEING-Controller



ISOBUS job computer with expansion job computer for hoeing machines		Item no.	Price €
1	ISOBUS job computer MIDI 3.0 hoeing	30335001	
	ISOBUS job computer MIDI 3.0 hoeing with expansion job computer	30335002	
2	Connector cable ISOBUS job computer available in different cable lengths	see page 51/52	
3	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
Accessories			
4	Connector cable, main to expansion job computer available in different cable lengths	see page 51/52	
5	Sensor X (speed), trailed sprayer, 1 m cable with AMP connector, 12 magnets	30303621	
6	GPS speed sensor	30258330	
7	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/52	



ISOBUS SPRAYER-Controller Orchard/Vineyard



1, 2



3



4



5



6



7



8



9



10



11



12



13



14



15



16



17



18



19



20



21



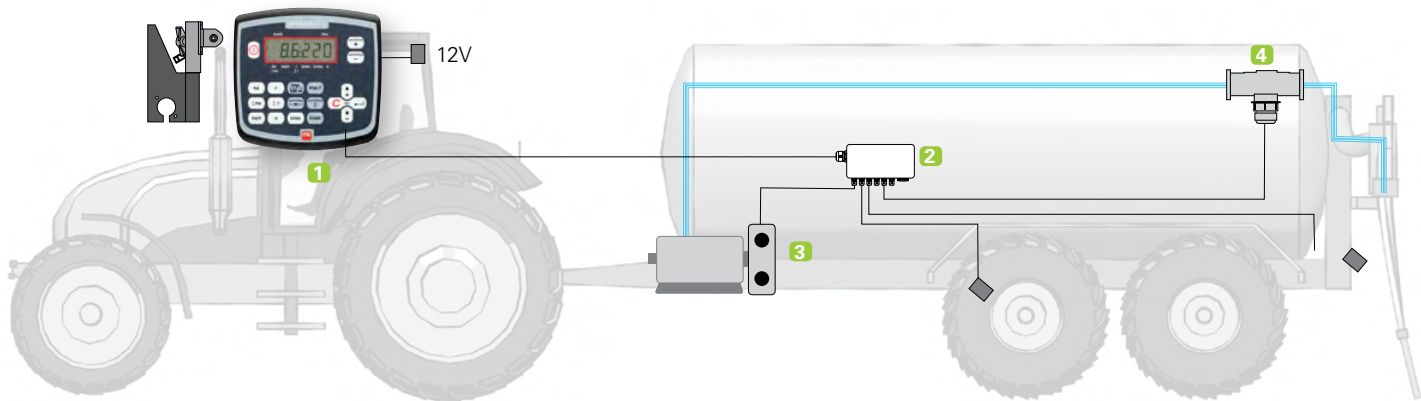
ISOBUS job computer with expansion job computer for orchard/vineyard sprayers		Item no.	Price €
1	ISOBUS job computer MIDI 3.0 orchard/vineyard	3030383000	
2	ISOBUS job computer MIDI 3.0 orchard/vineyard expansion job computer	3030383001	
3	Connector cable ISOBUS job , computer available in different cable lengths	see page 51/52	
4	Universal junction box for ECU-MIDI 3.0, available in different cable lengths	see page 51/52	
5	Connector cable, main to expansion job computer, available in different cable lengths	see page 51/52	
6	Sensor X (speed), trailed sprayer, 1 m cable with AMP connector, 12 magnets	30303621	
7	GPS speed sensor	30258330	
8	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/52	
9	Universal cable harness orchard/vineyard	3030383002	
10	Adapter AMP 3-pin to valve connector, 1,5 m	3030383003	
	Adapter AMP 3-pin to valve connector, 3 m	3030383004	
Flow meter			
11	Flow meter Polmac 1“Turbo-Flow 30 bar, 7 m cable without connector, 6 - 140 l/min	30244910	
12	Flow meter (Bürkert), Inline DN 20, 10 bar, 7 m cable without connector, 8 - 140 l/min	30244510	
	Flow meter (Bürkert), Inline DN 25, 10 bar, 7 m cable without connector, 14 - 220 l/min	30244710	
Pressure sensor			
13	Pressure sensor 0 – 16 bar, 1 m cable with AMP connector	30303591	
14	Pressure sensor, 0–50 bar, 1 m cable	312428	
TANK-Control			
15	TANK-Control with fill level sensor, available in different verions	see Page 34	
Headland detection using the GPS compass direction			
Version 1: GNSS/RTK antenna connection to the terminal			
16	GNSS/RTK antenna	see Page 14	
Version 2: ISOBUS Weather Station			
Connection of the ISOBUS Weather Station to the terminal		see Page 11	
17	Connection of the ISOBUS Weather Station to the ISOBUS	3030247110	
18	Connection cable ISOBUS with connection ISOBUS Weather Station, 6.5 m	3030314005	
Version 3: GNSS antenna connection to the ISOBUS			
GNSS receiver AG-200 with CAN output		upon request	
Connection cable AG-200 CAN output to FlexWire		3130247706	upon request
Gap detection using ultrasonic sensors			
License US Sensor SECTION Switch		3030383005	
19	Ultrasonic sensor 130 4 – 20 mA (working area 20 – 130 cm)	3030383006	
	Ultrasonic sensor 340 4 – 20 mA (working area 35 – 340 cm)	3030383007	
	Ultrasonic sensor 600 4 – 20 mA (working area 60 – 600 cm)	3030383008	
20	Extension connection cable ultrasonic sensors, 12 m	31303042	
	Extension connection cable ultrasonic sensors, 16 m	31303045	
21	Connection cable ultrasonic sensors to junction box, 20 m	31303050	
22	Accessory bag (brackets, mounting material) for 2 ultrasonic sensors	31303051	

Function overview

Fertilization

	SPRAYMAT II	ISOBUS SLURRY-Controller	ISOBUS UNI SPREADER-Controller	ISOBUS SPREADER-Controller
Application rate monitoring	●	●	–	–
Application rate regulation	–	●	●	●
ISOBUS system	–	●	●	●
Number of sections	–	18	1	> 2
Hydraulic functions	–	●	●	●
Trip and total counter	●	●	●	●
Task Management (ISOBUS-TC)	–	●	●	●
Working with prescription maps	–	●	●	●
Section Control (SECTION-Control)	–	●	●	●
Multiple Product Control (MULTI-Product)	–	–	–	6 products
Multi-Boom Control (MULTI-Boom)	–	–	–	●
Rate control per section (MULTI RATE-Control)	–	–	–	●
Multi-Boom Section Control (MULTI SECTION-Control)	–	–	–	●
External keypads	–	4x 2 keys	–	–
AUX-N (Joystick)	–	●	–	●
Configuration	via terminal	PC	PC	via terminal

SPRAYMAT II for slurry tanker



SPRAYMAT II		Item no.	Price €
1	Spraymat II – computer with bracket	30272010	
Slurry tanker equipment, measurement of the application rate for pump drive			
2	SPRAYMAT II equipment for slurry tankers , junction box, sensor X wheel/drive shaft, sensor Y work position and battery cable/mounting bracket	302120	
3	NPN-M inductive sensor, 12 x 60 mm LED, 6 m cable, 4 mm switching distance, without connector	312162	
Flow meter			
4	Magnetic / inductive flow meter, DN 100 Measurement range 0.3 - 4 cbm/min	30212611	
	Magnetic / inductive flow meter, DN 125 Measurement range 0.4 - 6 cbm/min	30212621	
	Magnetic / inductive flow meter, DN 150 Measurement range 0.5 - 8 cbm/min	30212631	
	Magnetic / inductive flow meter, DN 200 Measurement range 0.8 - 12 cbm/min	30212641	
Tractor / combine harvester harness, additional sensor technology for basic equipment			
5	SPRAYMAT II equipment as a hectare counter without RPM monitor, sensor Y work position with 5 m cable	302742	

1



2



3



4

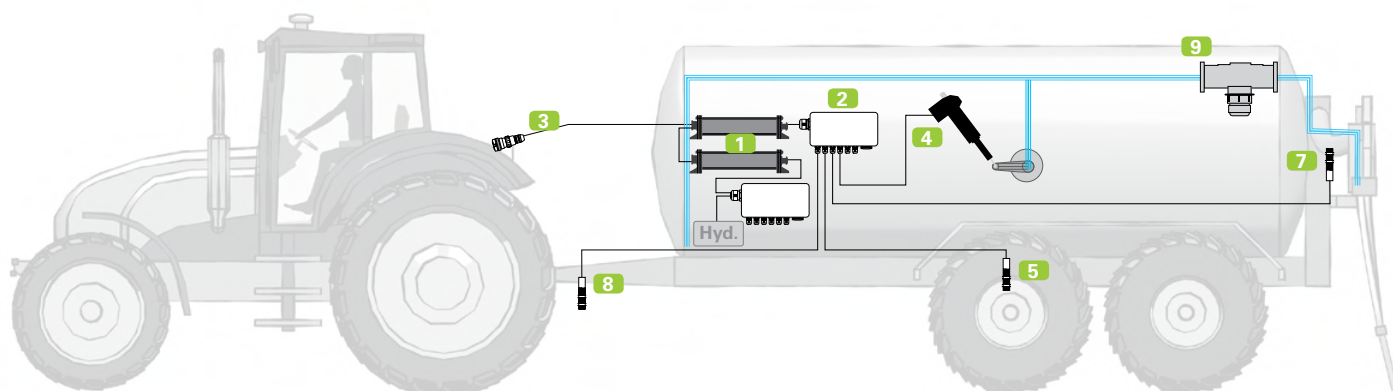


5



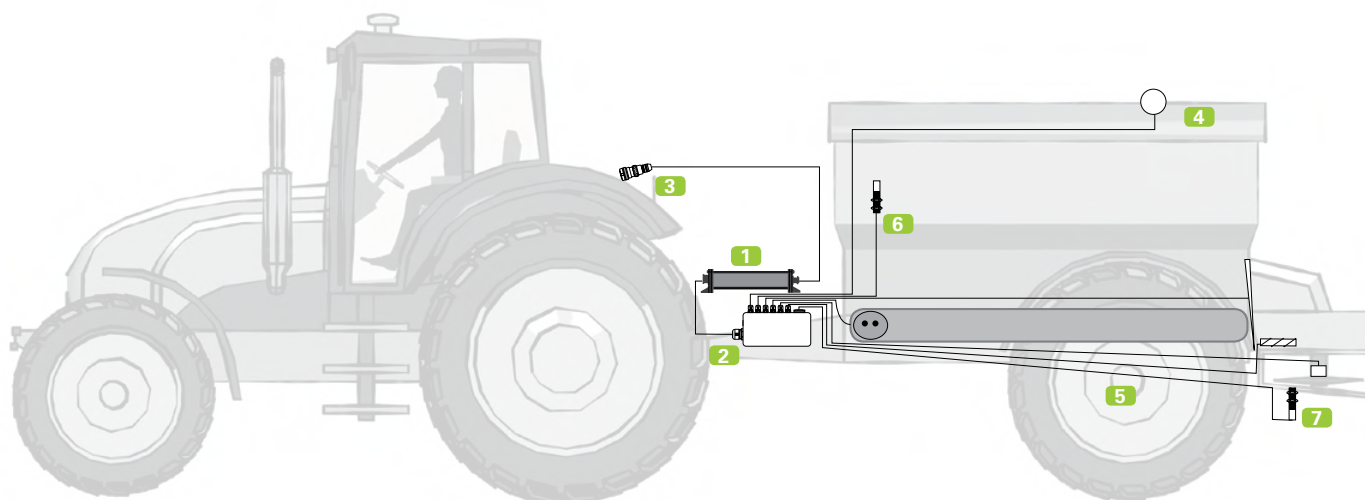
* limited discount

ISOBUS SLURRY-Controller



ISOBUS job computer with expansion job computer for slurry tankers		Item no.	Price €
1	ECU-MIDI 3.0 slurry tanker ISOBUS job computer (System can be expanded with up to seven additional job computers)	3032245301	
2	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
3	Connector cable ISOBUS job computer available in different cable lengths	see page 51/52	
4	Actuator (linear actuator)	302130	
5	Sensor X for speed, 6 m cable without connector, 12 magnets	312583	
6	GPS speed sensor	30258330	
7	Sensor Y for work position, 5 m cable without connector, with installation equipment	312586	
8	Rotational speed sensor for monitoring the pump speed, 6 m cable without connector, with installation equipment	302580	
ISOBUS job computer with expansion job computer for slurry tankers		Item no.	Price €
9	Magnetic / inductive flow meter, DN 100 Measurement range 0.3 - 4 cbm/min	30212611	
	Magnetic / inductive flow meter, DN 125 Measurement range 0.4 - 6 cbm/min	30212621	
	Magnetic / inductive flow meter, DN 150 Measurement range 0.5 - 8 cbm/min	30212631	
	Magnetic / inductive flow meter, DN 200 Measurement range 0.8 - 12 cbm/min	30212641	
10	Angle sensor 120° with AMP connector, without cable, with boom	30303675	
11	Connector cable for sensors, with 3-pin AMP socket on junction box available in different cable lengths	see page 51/52	
Accessories			
12	Connector cable, main to expansion job computer available in different cable lengths	see page 51/52	
Optional			
NIR-Sensor activation (manufacturer m-u-t)		30303081	
Additional module chassis controlling (manufacturer Mobil Elektronik)		3032245001	

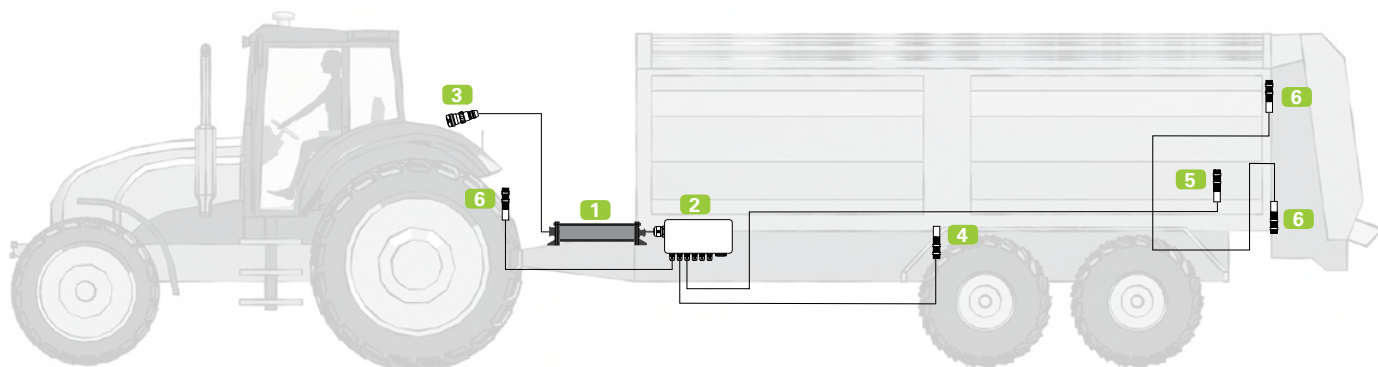
ISOBUS SPREADER-Controller



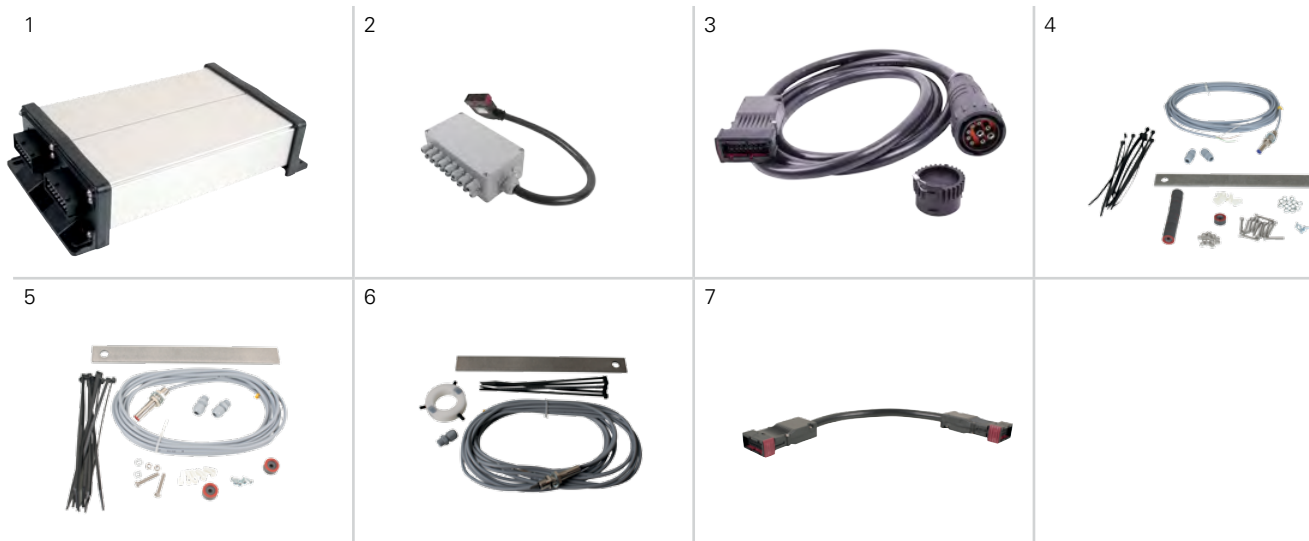
ISOBUS fertilizer spreaders		Item no.	Price €
1	ECU-MIDI 3.0 fertilizer spreader ISOBUS job computer	3029500601	
2	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
3	Connector cable ISOBUS job computer available in different cable lengths	see page 51/52	
4	GPS speed sensor	30258330	
5	Connector cable for sensors, 4 m with 3-pin AMP socket to junction box	30303296	
6	Level sensor, 1 m cable, with AMP connector	30303650	
7	Inductive sensor, 1 m cable with AMP connector, 8 mm switching distance	30303631	



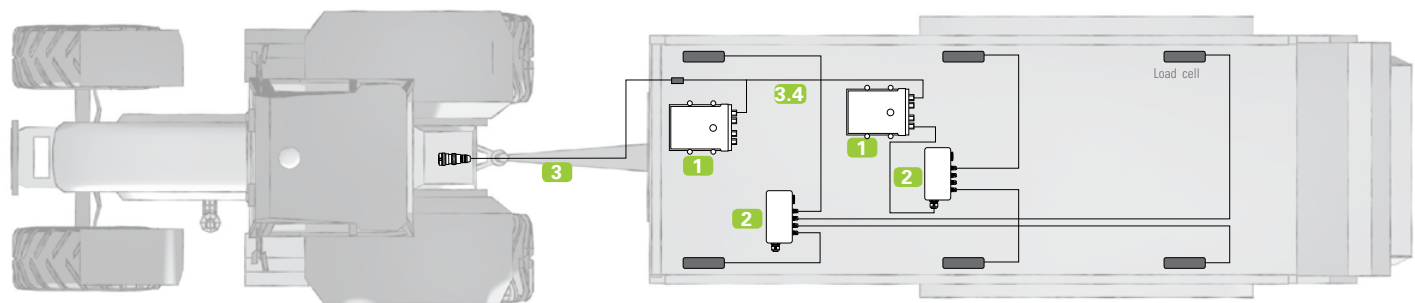
ISOBUS UNI SPREADER-Controller



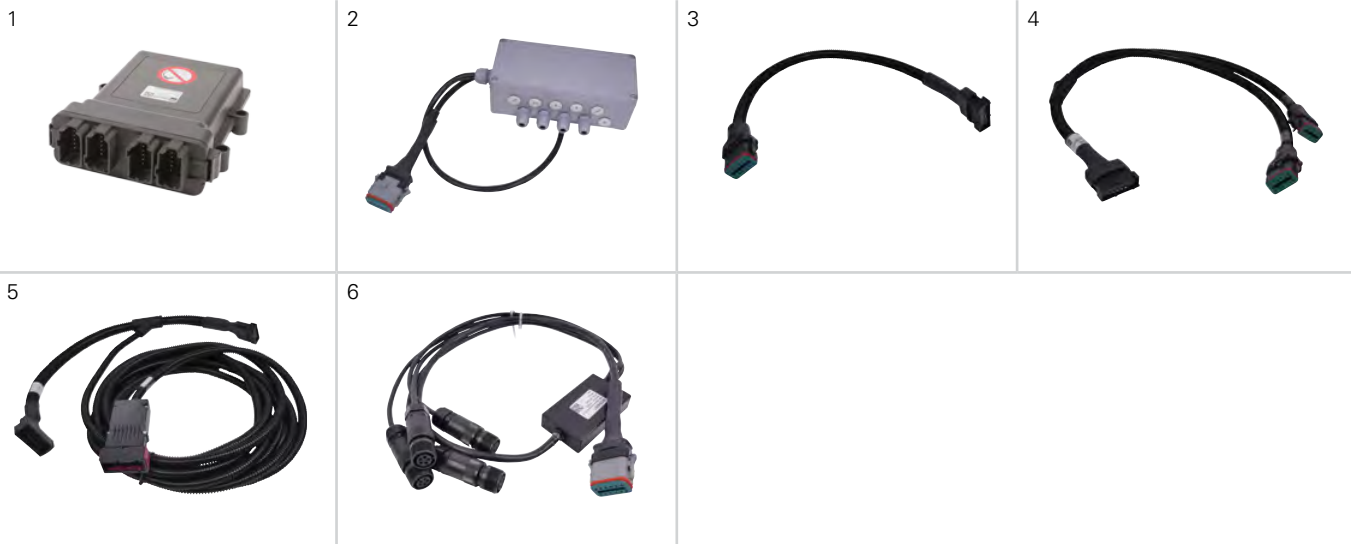
UNI SPREADER-Controller		Item no.	Price €
1	ECU-MIDI 3.0 universal spreader ISOBUS job computer (System can be expanded with additional job computers)	3032245401	
2	Universal junction box for ECU-MIDI 3.0 available in different cable lengths	see page 51/52	
3	Connector cable ISOBUS job computer available in different cable lengths	see page 51/52	
4	Sensor X for speed, 6 m cable without connector, 12 magnets	312583	
5	Sensor Y for work position, 5 m cable without connector, with installation equipment	312586	
6	Rotational speed sensor, 6 m cable without connector, with installation equipment	302580	
Accessories			
7	Connector cable, main to expansion job computer available in different cable lengths	see page 51/52	



ISOBUS SCALE-Controller



ISOBUS Weighing system		Item no.	Price €
1	ISOBUS SCALE-Controller	30294002	
2	Junction box for ISOBUS SCALE-Controller (max. 10 load cells)	30294003	
3	ISOBUS connector cable for SCALE-Controller (Stand-alone), 0.6 m	30294004	
4	ISOBUS connector cable for 2 SCALE-Controllers (Master and Slave), 0.85 m	30294005	
5	Adapter cable for connecting a MIDI 3.0 job computer and at least one SCALE-Controller (can only be used together with a SCALE-Controller connection cable 30294004 or 30294005)	30294006	
6	Cable harness for 4 load cells, 1 m	30294007	



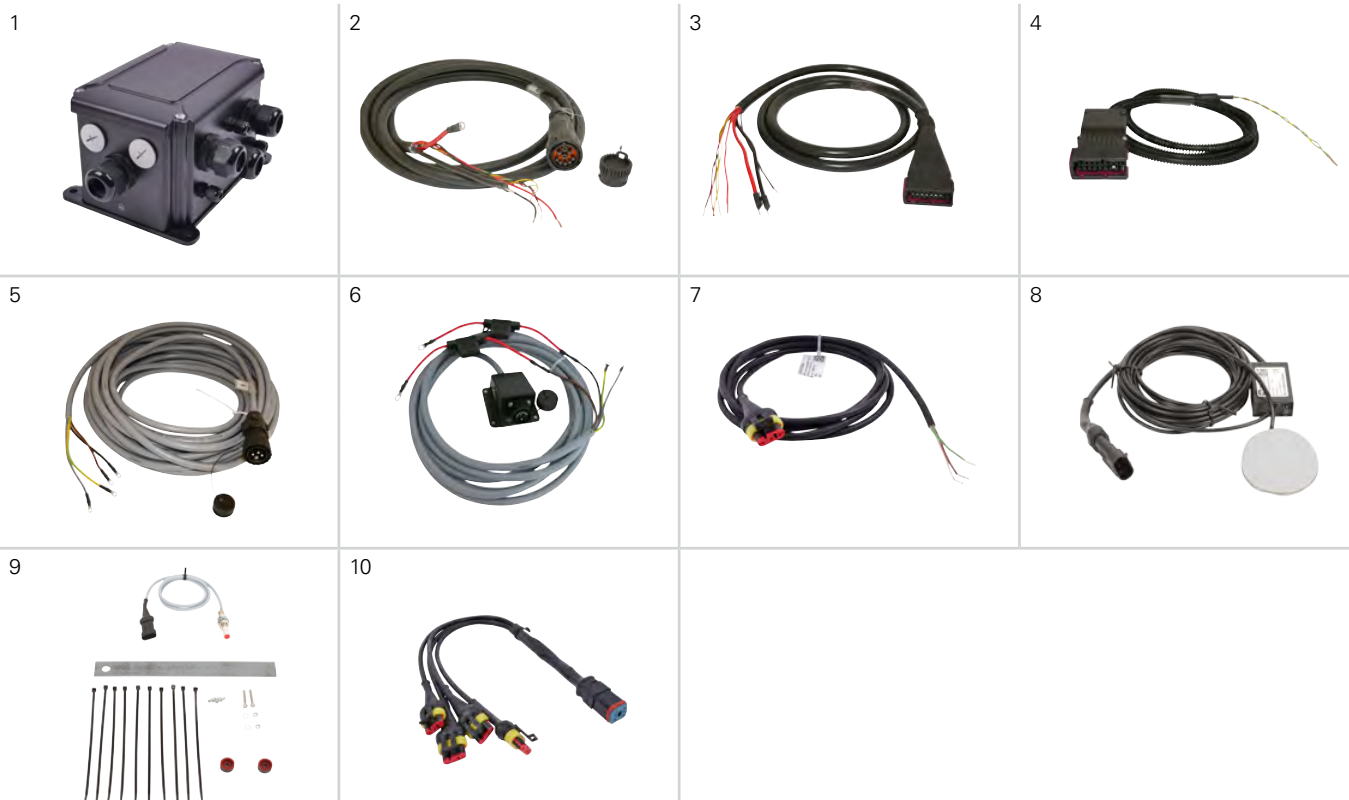
MIDI 3.0 standard components

Connector cable, ISOBUS job computer		Item no.	Price €
1	Connector cable, ISOBUS job computer, 1 m	3030314303	
	Connector cable, ISOBUS job computer, 2.5 m	3030314603	
	Connector cable, ISOBUS job computer, 4 m	3030314403	
	Connector cable, ISOBUS job computer, 5.5 m	3030314803	
	Connector cable, ISOBUS job computer, 6.5 m	3030314003	
	Connector cable, ISOBUS job computer, 8.5 m	3030314203	
	Connector cable, ISOBUS job computer, 11 m	3030314103	
	Connector cable, ISOBUS job computer, 14 m	3030314703	
Connector cable, main to expansion job computer			
2	Connector cable, main to expansion job computer, 0.3 m	30322355	
	Connector cable, main to expansion job computer, 0.6 m	3032235804	
	Connector cable, main to expansion job computer, 1.5 m	30322359	
	Connector cable, main to expansion job computer, 3.2 m	30322358	
	Connector cable, main to expansion job computer, 4 m	3032235801	
	Connector cable, main to expansion job computer, 6.5 m	30322357	
	Connector cable, main to expansion job computer, 8 m	3032235802	
	Connector cable, main to expansion job computer, 10 m	30322356	
	Connector cable, main to expansion job computer, 14 m	3032235803	
Universal junction box			
3	Universal junction box for ECU-MIDI 3.0 , 0.6 m cable	3032247001	
	Universal junction box for ECU-MIDI 3.0 , 1.5 m cable	3032247501	
	Universal junction box for ECU-MIDI 3.0 , 2 m cable	3032247101	
	Universal junction box for ECU-MIDI 3.0 , 4 m cable	3032247201	



MIDI 3.0 standard components

Power and CAN distribution			
1	Power Junction Box	30322480	
2	ISOBUS connection cable, 4 m	3032248601	
	ISOBUS connection cable, 6.5 m	3032248602	
	ISOBUS connection cable, 8.5 m	3032248603	
3	Job computer connection cable, 2 m	30322483	
4	Return cable, 2 m	30322484	
5	Duo-Power input (machine side), 10 m	30322481	
	Duo-Power input (machine side), 25 m	30322485	
6	Duo-Power input (vehicle side), 6 m	30322482	
Sensors			
7	Connection cable for sensors with 3-pin AMP socket to junction box, 1.10 m	3030329706	
	Connection cable for sensors with 3-pin AMP socket to junction box, 2 m	30303294	
	Connection cable for sensors with 3-pin AMP socket to junction box, 4 m	30303296	
	Connection cable for sensors with 3-pin AMP socket to junction box, 6 m	30303295	
	Connection cable for sensors with 3-pin AMP socket to junction box, 8 m	30303297	
	Connection cable for sensors with 3-pin AMP socket to junction box, 10 m	3030329705	
	Connection cable for sensors with 3-pin AMP socket to junction box, 12 m	30303298	
	Connection cable for sensors with 3-pin AMP socket to junction box, 20 m	30303289	
8	GPS speed sensor	30258330	
9	Work position sensor	30303615	
10	Rotational speed sensor with AMP connector	30303623	



Spare parts

ISOBUS	Item no.	Price €
ISOBUS non-touch terminal bracket (BT1N)	31322505	
ISOBUS touch-terminal bracket	31322506	
Connector cable for tractors with ISOBUS in-cab connector	31322541	
Extension cable with 9-pin Sub-D connector for ME terminal to ISOBUS basic vehicle harness	30322571	
Mounting bracket	312075	
LBS/ISO socket	31300405	
LBS/ISO connector	31300400	
Termination plug	31300582	
Extension cable for ISOBUS job computer connector/socket, 2 m	3030313801	
Extension cable for ISOBUS job computer connector/socket, 6.50 m	30303134	
Extension cable for ISOBUS job computer connector/socket, 9.50 m	30303137	
SMART430®/SMART570® basic vehicle harness, with 6 m connector cable with 9-pin CPC connector and 2.5 m connector cable for job computer MIDI 3.0	3032257601	
SMART430®/SMART570® basic vehicle harness, with 6 m connector cable with 9-pin CPC connector and 10 m connector cable for job computer MIDI 3.0	3032257701	
USB memory device, 4 GB, black, for ME terminals as of hardware version 3.0.0 and TOUCH1200®	3032258915	
Bracket for joystick	31302015	
Connector cable for HQ and NQ camera for touch terminals, 10 m	31303062	
Connector cable for HQ2 camera for touch terminals, 10 m	31303064	

Non-ISOBUS	Item no.	Price €
Connector cable ISO-11786 for connection to the signal socket with a 12-pin connector	312243	
Adapter cable for signal socket in accordance with DIN 9684.1 (7-pin) for junction box KHD, UNIMOG (Unicom), FENDT, John Deere, Case-Steyr junction boxes, with 3-pin connector	312120	
Adapter for signal socket FENDT (4-pin), with 3-pin connector	312123	
Battery cable, 2 x 6 qmm with ignition signal with 3-pin socket (DIN9680)	31215401	
Bracket	31321105	
Bracket 1 Spraymat / Unimat (upper part)	312074	
Bracket for SPRAYMAT II / UNIMAT II (upper part)	31322505	
S bracket with top hat rail	312226	
Tractor junction box, S Standard, with sensor X	312240	
Neoprene cap with synthetic plate for momentary switches and switches	NET 326680	
16-pin aluminium coupling	312498	
20-pin connector	312497	
30-pin connector with protective cap	312499	
30-pin female multipoint connector (complete)	31249901	
39-pin connector with protective cap	31249905	
39-pin female multipoint connector (complete)	31249910	
40-pin coupling	302490	
Momentary switch 2-pin, 10 A (large), +/- control	31247375	
Key for switch box S2 or SPRAYDOS for hydraulic functions (control +/-)	31247310	

Spare parts

Non-ISOBUS	Item no.	Price €
Switch for switch box S2 or SPRAYDOS, with center position (e.g. for foam marker)	31247305	
Switch, 2-pin, 6 A (large), section switch, ON/OFF, manual/automatic	31247350	
Switch, 2-pin, 20 A (large), section main switch	31247360	
Switch 1-pin, 15 A (large), switch box ON/OFF	31247370	
Switch for switch box S2 or SPRAYDOS, can be used as section main switch, section switch, on/off switch	31247300	

Cabling	Item no.	Price €
AMP connector, 3-pin, for sensor	31300561	
AMP socket, 3-pin, for sensor	31300571	
AMP dummy connector, 3-pin (on cable harness)	31300540	
AMP connector, 4-pin, for sensor	31300562	
AMP socket, 4-pin, for sensor	31300572	
AMP dummy connector, 4-pin (on cable harness)	31300541	
AMP connector, 5-pin, for sensor	31300563	
AMP connector, 42-pin, complete, for job computer	31300545	
AMP socket casing, 16-pin, complete, for job computer	31300552	
Connector cable for sensors, 1.10 m with 3-pin AMP socket to junction box	3030329706	
Connector cable for sensors, 2 m with 3-pin AMP socket to junction box	30303294	
Connector cable for sensors, 4 m with 3-pin AMP socket to junction box	30303296	
Connector cable for sensors, 6 m with 3-pin AMP socket to junction box	30303295	
Connector cable for sensors, 8 m with 3-pin AMP socket to junction box	30303297	
Connector cable for sensors, 10 m with 3-pin AMP socket to junction box	3030329705	
Connector cable for sensors, 12 m with 3-pin AMP socket to junction box	30303298	
Connector cable for sensors, 20 m with 3-pin AMP socket to junction box	30303289	
Cap for 42-pin connector to cable harness	31300554	
AMP connector, 2-pin, for sensor	31300560	
AMP socket, 2-pin, for sensor	31300570	
AMP dummy connector, 2-pin (on cable harness)	31300539	

GNSS receiver	Item no.	Price €
Connector cable A100/A101 to ME terminal, 6 m	31302462	
Connector cable A100/A101 to ME terminal, 12 m	31302468	
Connector cable A100/A101, with speed output for the terminal	31302457	
Connector cable for A100/A101, 6 m for serial interface	31302462	
Connector cable for A100/A101, 12 m for serial interface	31302468	
Connector cable AG-STAR/SMART-6L to ME terminal, 6 m	31302476	
Connector cable AG-STAR/SMART-6L to ME terminal, 12 m	3130247607	
Connector cable AG-STAR, with speed output for the terminal	31302454	

Spare parts

GNSS receiver	Item no.	Price €
Connector cable for AG-STAR, 6 m for serial interface	31302476	
Connector cable for GPS receiver Ag-200, 6 m	3130247700	
Connector cable for GPS receiver Ag-200, 12 m	3130247703	
Connector cable for AG-200 with Speed-out, 6 m	3130247704	
Connector cable NAV-900 to MotorDrive	3138990002	
Connector cable for NAV-900 to 6-pin DT connector, 4.5 m	3138990006	
Connector cable to NAV-900, 5 m	3138990004	
Connector cable power supply for modem GX450/RV55	3038990030	
Extension connector cable to NAV-900	3138990003	upon request*
Y cable for GNSS receiver to connect to 2 terminals	31302459	
Mounting accessories for A100/A101 for second tractor self-adhesive metal plate, counterpart to the magnetic foot	31302465	
Mounting accessories for AG-STAR/SMART-6L for second tractor self-adhesive metal plate, counterpart to the magnetic foot	3130247601	
Magnetic pedestal with bolt for A100 / A101	31302466	
Mounting accessories for AG-200	3130247702	
Mounting plate for NAV-900	3138990007	
Mounting plate for NAV-900	3138990008	
NAV-900 "QuickRelease" mounting bracket	3038990026	
Dust protection cap for A101	31300557	
Dust protection cap for AG-STAR / SMART-6L	31300583	
GSM/GPRS antenna with magnetic foot and self-adhesive metal plate	3030248912	

Sensors	Item no.	Price €
Sensor X for drive shaft or wheel, 1 m cable with AMP connector, without installation equipment	31302006	
Sensor X for drive shaft or wheel, 6 m cable with 12-pin connector, without installation equipment	312265	
Sensor X for drive shaft/wheel, 6 m cable without connector, for junction box, without installation equipment	312600	
Sensor X for drive shaft/wheel, 10 m cable without connector, for junction box, without installation equipment	312601	
Sensor X for drive shaft/wheel, 6 m cable without connector, for junction box, with installation equipment	312580	
Sensor X for drive shaft/wheel, 6 m cable with connector, without installation equipment	312084	
Sensor X for drive shaft/wheel, 6 m cable with connector, with installation equipment	312083	
Sensor X for wheel, 10 m cable with connector, without installation equipment	312086	
Sensor X for wheel, 10 m cable with connector, with installation equipment with 12 magnets (trailed sprayer)	312085	
Sensor X for trailed sprayer, 6 m cable without connector with 12 magnets, complete	312583	
Sensor X accessory bag, drive shaft	312112	
Sensor Y, 1 m cable with AMP connector without installation material	31302506	
Sensor Y for SPRAYMAT II/UNIMAT II hectare counter with 5 m	312742	
Sensor Y for work position, 5 m cable without connector, for implement junction box, without installation equipment	312606	

Spare parts

Sensors	Item no.	Price €
SensorY for work position, 5 m cable without connector, for implement junction box, with installation equipment	312586	
SensorY for work position, 5 m cable with connector, without installation equipment	312090	
SensorY for work position, 5 m cable with connector, with installation equipment	312089	
Ultrasonic sensor for boom control	30217518	
Rotational speed sensor, 8 m cable without connector, for machine junction box, without installation equipment	312613	
Inductive sensor 12 mm, 1 m cable with AMP connector, 4 mm switching distance	30303625	
Inductive sensor 12 mm, 6 m cable without connector	312162	
Inductive sensor 18 mm, 1 m cable with AMP connector, 8 mm switching distance	30303631	
Inductive sensor 18 mm, 6 m cable without connector	312164	
Level sensor, 1 m cable with AMP connector	30303650	
TANKMETER display device	312509	
Pressure gauge with key, without pressure sensor	31243010	
Pressure sensor, 0 - 50 bar, 9 m cable	312428	
Flow meter Polmac 1", without sensor and mounting parts	312440	
Sensor for Polmac 1", flow meter spare	312446	
Sensor for Polmac 1", flow meter spare, with AMP connector	31244610	
Fan wheel for Bürkert Inline (as of 2000)	31244420	
Magnet with screw V2A	312140	
Clamp, 27/51 mm with 1 magnet for drive shaft	312136	
Clamp, 50/70 mm with 1 magnet for drive shaft	312137	
Clamp, 27/51 mm with 2 magnets for RPM monitoring	312139	
PTO shaft plate, complete with magnet and screw	312135	
Installation power socket from 1/91 for battery cable (socket)	312156	
Gyroscope without bracket	31303160	
Bracket for gyroscope	31303161	
Equipment connector from 1/91 for computer (tacks)	312157	
Angle sensor 30° with AMP connector, without cable, with boom	30303672	
Angle sensor 60° with AMP connector, without cable, with boom	30303673	
Angle sensor 120° with AMP connector, without cable, with boom	30303675	
Spare float for TANK-Control	31252125	

GNSS receiver	Item no.	Price €
TerraStar licence fees		
TerraStar-C licence fee, 1 year subscription	NET 3030248932	
TerraStar-C licence fee, 3 month subscription	NET 3030248952	
TerraStar-L licence fee, 1 year subscription	NET 3030248935	

Solenoid valve/manifold spare parts	Item no.	Price €
Free-wheeling diode solenoid valve	312399	

Notes

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Notes

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A TRIMBLE COMPANY

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