PRICE LIST 2019
Aftermarket (EUR)

ME MÜLLER ELEKTRONIK®
A TRIMBLE COMPANY

vantage
BY TRIMBLE AGRICULTURE

Content

Training Schedule

Dear Business Partner,

ME is pleased to announce the ME training schedule for 2019.

All courses are open for registration at the links below. Training is held at ME Salzkotten. Training will take place from Tuesdays to Thursdays, 8am to 4pm.

Available Training Courses

Level I – Basic Ag Solutions Training

Basic training covers all aspects of the ME products including (TBD).

It is ideal for new reseller sales and support employees or anyone with less than two years of experience with ME products. Attendees will leave with knowledge of the entire product line.

Training Dates 2019:

August 6-7, 2019

September 10-11, 2019

October 8-9, 2019

December 10-11, 2019

Level II – Advanced Ag Solutions Training

This training is designed for the seasoned technician.

Training will begin at an advanced level with only minor updates or new product additions to materials covered in Level I. Level II will have a very heavy focus on ECU installation, configurations, and troubleshooting key support issues. Reseller technicians are encouraged to ask questions, interact, and share best practices with other technicians in the group. Communication and sharing is a key driver in the success of this course.

Training Dates 2019:

August 13-15, 2019

October 15-17, 2019

November 19-21, 2019

December 17-19, 2019

Why training courses are important
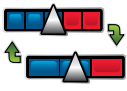
Resellers must complete a training course Level II before they can access to some advanced configuration tools like the PC based configurators.

The PC based configurators will allow the technician to create a customized configuration file for a given type of implement

The PC based configuration tool will be available through a annual licence and will only be used by the owner of the license.

APP & GO® – Terminals

APP \ TERMINAL		ISOBUS terminals				
	TRACK-Guide III	SMART430®	BASIC-Terminal	COMFORT-Terminal	TOUCH800®	TOUCH1200®
ISOBUS-UT	○	●	●	●	●	●
ISOBUS-TC *1	○	—	○	●	○	●
MULTI-Control	○	—	—	—	○	○
TRACK-Leader	●	—	○	○	○	○
TRACK-Leader AUTO® *2	○	—	—	—	○	○
SECTION-Control *2	○	—	○	○	○	○
ASD *3	○	—	○	○	○	○
TRAMLINE-Management *2	○	—	—	—	○	○
VRC *2	—	—	○	○	—	—
ME ODI® *5	○	—	—	—	○	○
agricon *4	○	—	—	—	○	○

80   100   60   100   80

The overview shows the standard apps that are found on the different terminals:

- ● = Default 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
*5 ISOBUS-TC is required for this app

Unbeatable advantages of APP & GO® include flexibility and guaranteed future. In the first step, each user selects a terminal that corresponds to their requirements, for example, the TRACK-Guide III for parallel guidance. In addition to the pre-installed standard apps, other apps can be unlocked as required.

ISOBUS terminal

SMART430®

BASIC-Terminal

COMFORT-Terminal

ISOBUS terminals	Part no.	Price €
SMART430® with mounting bracket and connector cable with 9-pin CPC connector *(to be ordered from the Trimble store)*	118203-00	785.00
BASIC-Terminal	30322511	990.00
COMFORT-Terminal	30322528	2,800.00
TOUCH800® with camera port	30322538	1,590.00
TOUCH1200® with camera port	30322537	3,805.00

TOUCH800®

TOUCH1200®

APPs**	Part no.	Price €
ISOBUS-UT	30302435	750.00
ISOBUS-TC	30302436	860.00
MULTI-Control	3030248965	523.00
TRACK-Leader	30302432	876.00
TRACK-Leader AUTO®	30302514	628.00
SECTION-Control	30302450	966.00
TRAMLINE-Management	30302519	523.00*
VARIABLE RATE-Control (VRC) for non-touch terminals	30302512	669.00
ASD	30302431	199.00*
ME ODI®	3030248966	490.00
agricon	Sold only by Agricon	

Accessories for ISOBUS terminals
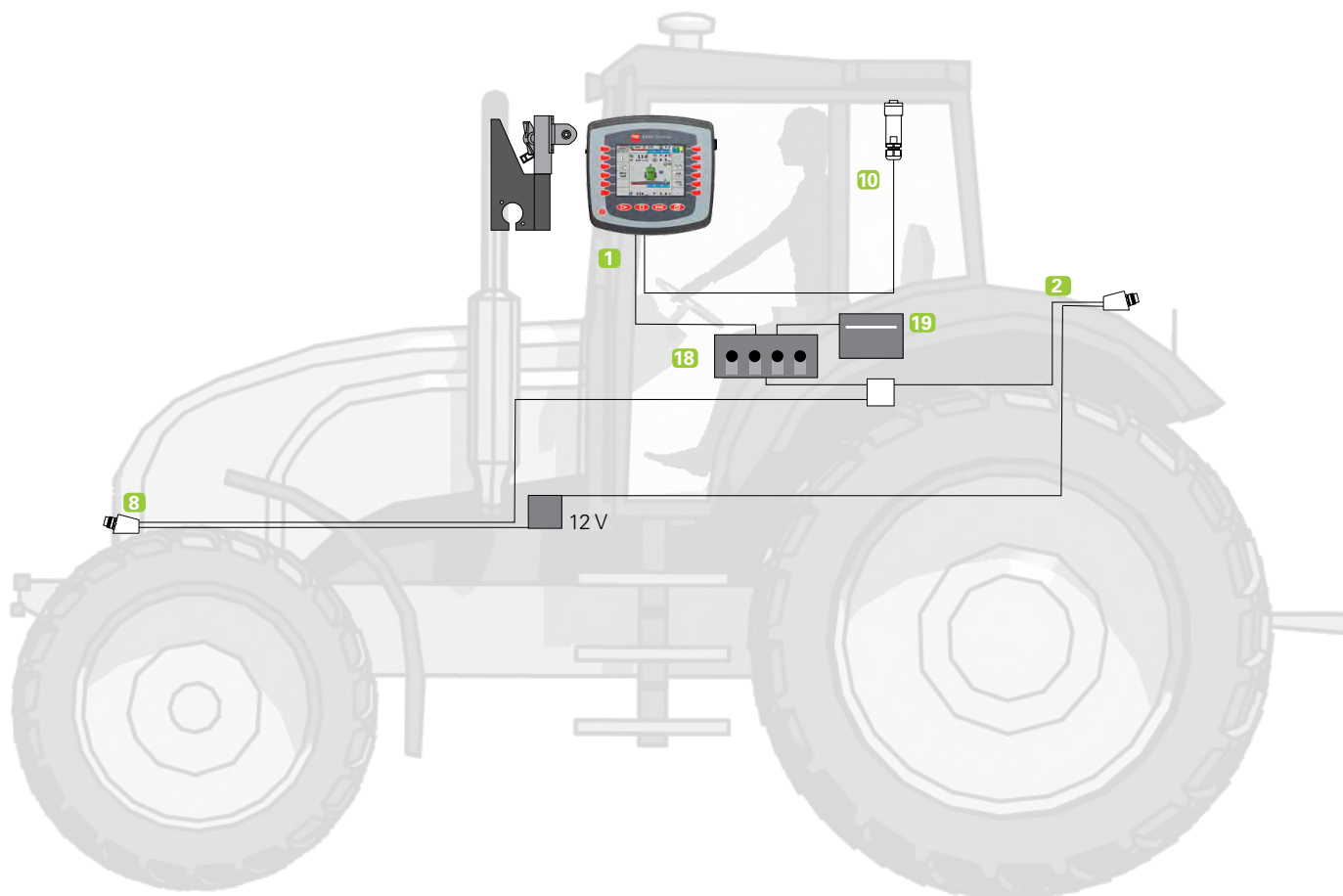
Tractor basic vehicle harness

		Part no.	Price €
1	ISOBUS basic vehicle harness for tractors with In-Cab-Connector	30322541	110.00
2	ISOBUS basic vehicle harness with 9-pin CPC connector, with rear socket 2.9 m cable, 50 A	30322574	389.00
3	Connector cable SMART$_{430}$® to ME basic vehicle harness with 9-pin Sub-D connector	31322596	60.00
4	Connector cable SMART$_{430}$® to ISOBUS basic vehicle harness with 9-pin CPC connector	31322597	107.00
5	ISOBUS basic vehicle harness with front and rear socket, cable length for front socket 6 m, rear socket 2.9 m	30322558	780.00
6	Connector cable for ME terminals for John Deere 7020/7030/8030	30322543	153.00
7	Adapter cable in-cab-connector with 9-pin CPC connector for tractors with ISOBUS (e.g. CASE, NEW HOLLAND)	30322547	281.00

Accessories for 30322554

		Part no.	Price €
8	Front socket cable length 6 m with conversion kit for rear socket	30322559	497.00

Accessories

		Part no.	Price €
9	Bluetooth adapter for ODI® app	3032258999	59.00
10	Adapter cable for ME terminal to the signal socket in accordance with DIN 9684.1 / ISO 11786 for using the tractor ECU (non-touch terminals starting at HW 3.0.0 and touch terminal)	30322548	44.50
11	Adapter cable for SMART$_{430}$® to the signal socket in accordance with DIN 9684.1 / ISO 11786 for using the tractor ECU	31322598	117.00
12	Adapter cable for ME terminal with the ASD app for using a third-party terminal e.g. Rauch, Quantron E, E2 (non touch-terminals starting at HW 3.0.0 and touch terminal)	3032254800	130.00
13	Y cable for 2 ME terminals or AMATRON+	30322572	104.00
14	Y cable for ME-Terminal to ISOBUS basic vehicle harness (CPC InCab) with CPC connector	31322595	215.00
15	Y cable for ME-Terminal to ISOBUS basic vehicle harness (CPC InCab) with CPC connector	31322594	215.00
16	Mounting bracket VESA75 for touch terminals on round pipe systems with a diameter of 20, 25 or 30 mm	31322508	35.50
17	Pivoting bracket VESA75 for touch terminals	31322507	118.00
18	CPC quadruple box	3032257801	419.00
19	ISOBUS Task Printer	30302695	854.00
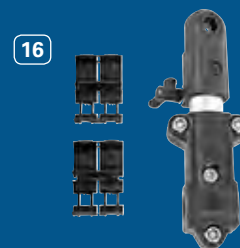
Accessories for ISOBUS terminals
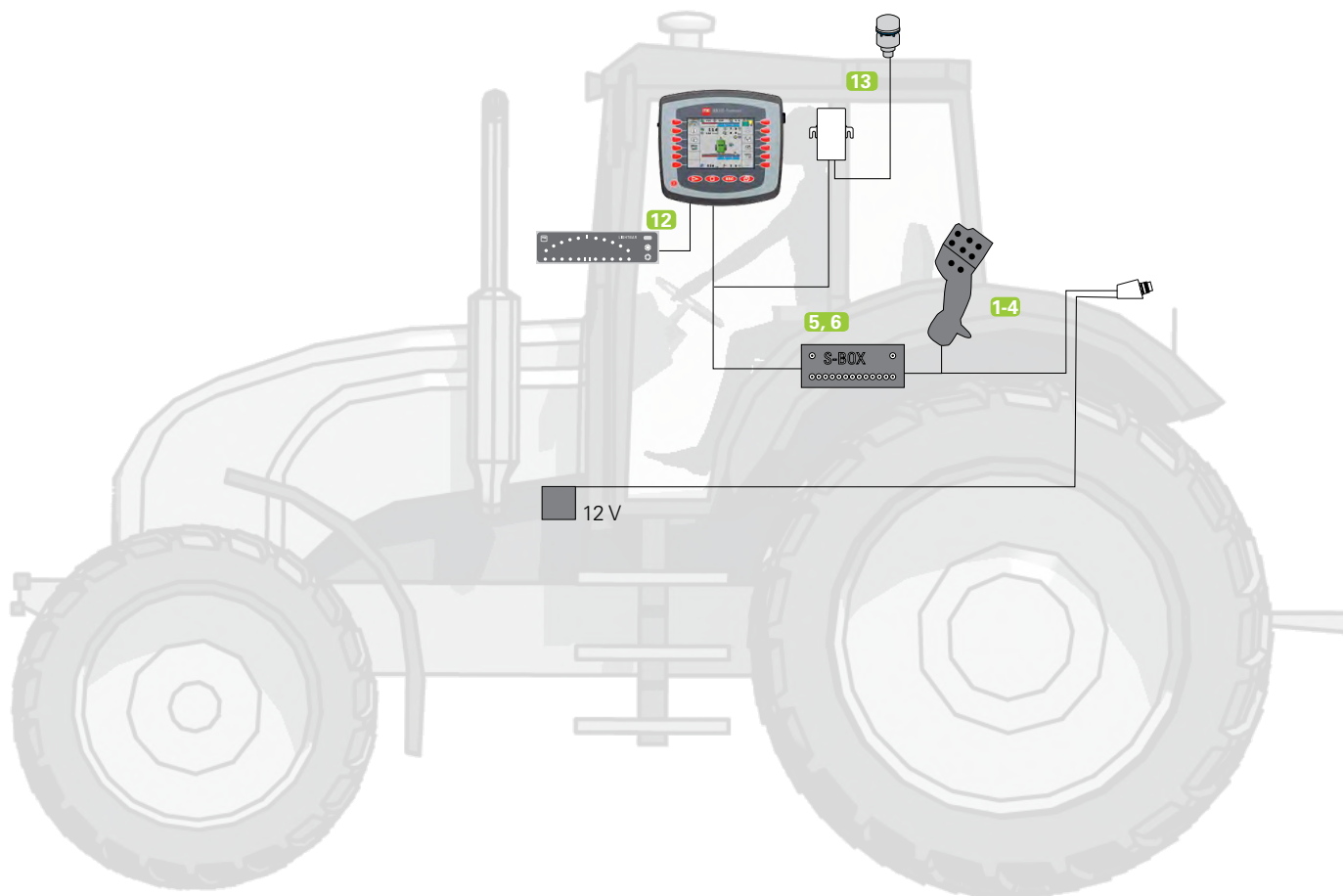
Joystick ISOBUS terminal

		Part no.	Price €
1	**Joystick III for connection to ME terminal** with 9-pin Sub-D connector and socket, sealed buttons, Aux 1/Aux 2	3032258305	497.00
2	**Joystick III for tractors with an ISOBUS in-cab connector** with 9-pin CPC socket, sealed buttons, Aux 1/Aux 2	3032258607	521.00
3	**Joystick III for tractors with an ISOBUS in-cab connector for third-party terminals** with 9-pin CPC connector and socket	3032258106	590.00
4	**Joystick PRO with 9-pin CPC socket**	3032258620	599.00

S-BOX

		Part no.	Price €
5	**S-Box, 9 sections** with 9-pin Sub-D connector	30322608	335.00
	S-Box, 13 sections, with 9-pin Sub-D connector	30322616	349.00
	S-Box, 18 sections, with 9-pin Sub-D connector	30322618	679.00
6	**S-Box, 9 sections,** with 9-pin CPC connector for third-party terminals	30322638	340.00
	S-Box, 13 sections, with 9-pin CPC connector for third-party terminals	30322646	354.00
	S-Box, 18 sections, with 9-pin CPC connector for third-party terminals	30322647	684.00

Camera

		Part no.	Price €
7	**Analogue HQ2 camera** with 11 m cable for non-touch terminals	3030249101	548.00*
8	**Analogue HQ2 camera** with 11 m cable for touch terminals	3030249401	504.00*
9	**Analogue NQ camera** with 11 m cable for touch terminals	3030249400	239.00*
10	**Extension cable for HQ and NQ camera,** 5 m	31303060	68.70*
	Connector cable for HQ and NQ camera for touch terminal, 10 m	31303062	126.80*
11	**Extension cable for HQ2 camera,** 5 m	3130306001	46.80*

Lightbar

		Part no.	Price €
12	**Lightbar** external display for indicating the direction	30302490	680.00

Weather station

		Part no.	Price €
13	**ISOBUS Weather station** *(to be ordered from the Trimble store)*	75774-50	2734.56

Prices excl. VAT   * Limited discount
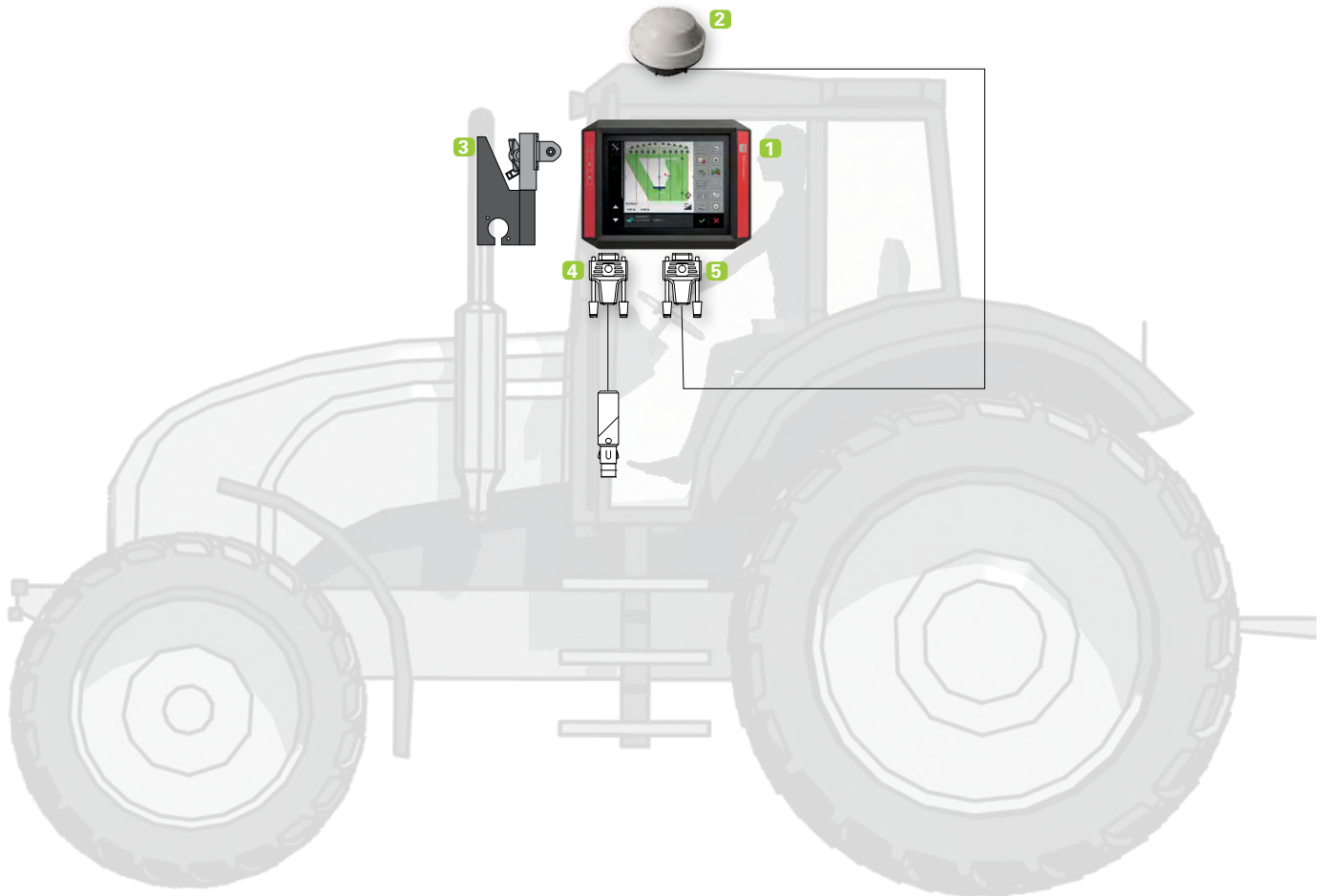
TRACK-Guide III

Scope of delivery TRACK-Guide III set		Part no.	Price €
1	TRACK-Guide III		
2	DGPS/GLONASS receivers AG-STAR or SMART-GL		
3	Mounting bracket with bracket		
4	Power cable		
5	Connector cable GPS receiver to ME terminal, 6 m		
6	USB memory device		

TRACK-Guide III set versions		Part no.	Price €
8	TRACK-Guide III with DGPS receiver A101, camera ports and basic vehicle harness	3030271412	2,180.00*
	TRACK-Guide III with DGPS/GLONASS receiver AG-STAR, camera port and basic vehicle harness	3030271413	2,300.00*
	TRACK-Guide III with DGPS/GLONASS receiver SMART-6L, camera port and basic vehicle harness	3030271414	2,720.00*
	TRACK-Guide III with DGPS/GLONASS receiver SMART-6L for RTK GSM, modem, antenna, camera port and basic vehicle harness	3030271415	5,890.00*
	TRACK-Guide III with DGPS/GLONASS receiver SMART-6L for RTK GSM, modem, antenna, camera port and basic equipment	3030271418	6,850.00*

APPs**		Part no.	Price €
ISOBUS-UT		30302435	750.00
ISOBUS-TC		30302436	860.00
MULTI-Control		3030248965	523.00
TRACK-Leader		30302432	876.00
TRACK-Leader AUTO®		30302514	523.00*
SECTION-Control		30302450	966.00
TRAMLINE-Management		30302519	523.00
VARIABLE RATE-Control (VRC)		30302512	669.00
ASD		30302431	199.00*
ME ODI®		3030248966	490.00
agricon		Sold only by Agricon	

TRACK-Guide III
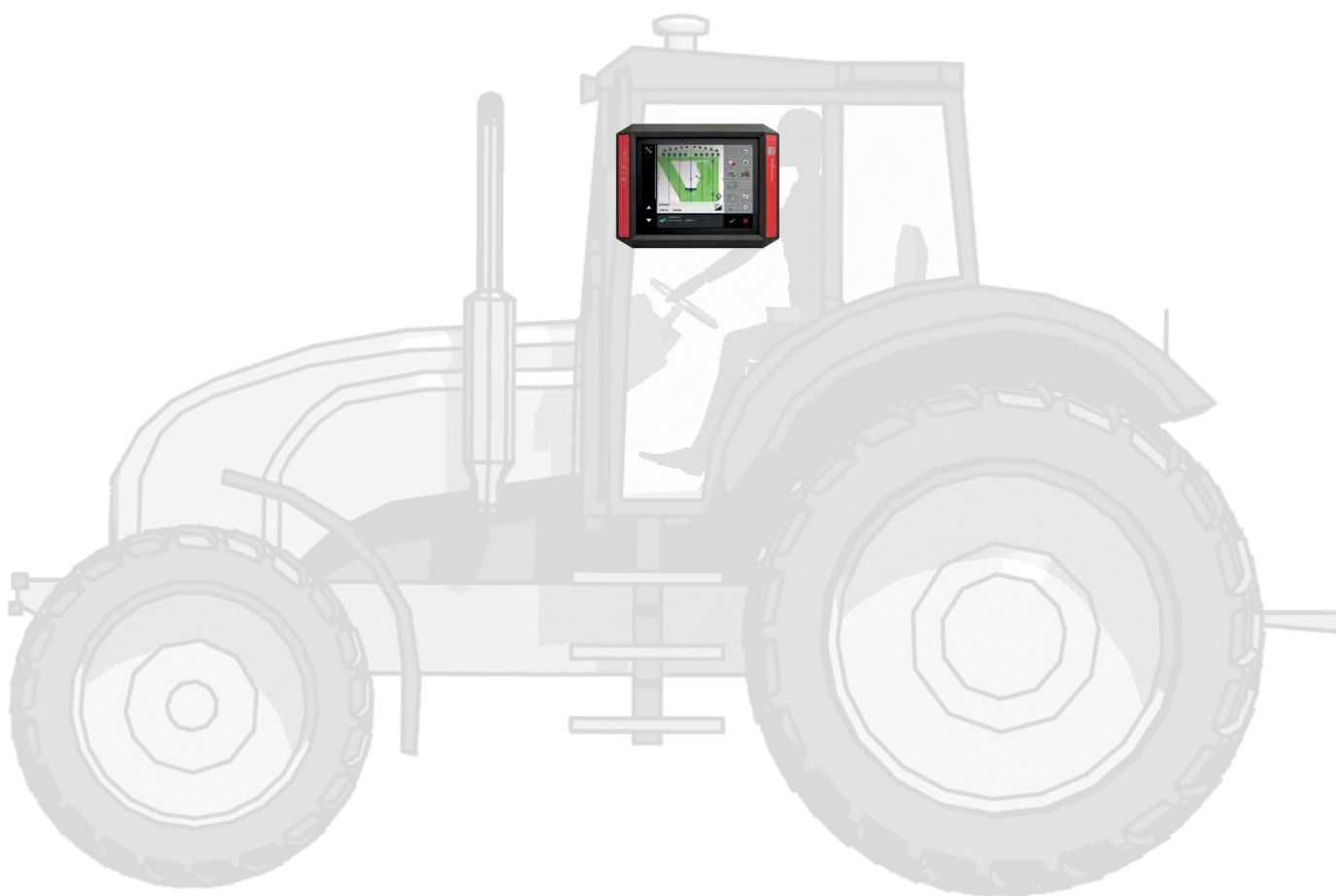
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	Accessories	Part no.	Price €
1	**Tractor basic vehicle harness for second tractor** with mounting bracket, power supply and mounting accessories for A100/A101	30302750	86.50
2	**Tractor basic vehicle harness for second tractor** with mounting bracket, power supply and mounting accessories for AG-STAR/SMART-6L	30302751	89.50
3	**Tilt module GPS** to compensate for side incline on hilly terrain	30302495	489.00*
4	**Mounting bracket VESA75 for touch terminals** on round pipe systems with a diameter of 20, 25 or 30 mm	31322508	35.50
5	**Pivoting bracket VESA75 for touch terminals**	31322507	118.00
6	**Suction bracket with basic vehicle harness** for securing the TRACK-Guide to the plate	31302471	108.00
7	**Mounting accessories for A100/A101 for second tractor** self-adhesive metal plate – counterpart to the magnetic foot	31302465	25.00
8	**Mounting accessories for AG-STAR/SMART-6L for second tractor** self-adhesive metal plate – counterpart to the magnetic foot	3130247601	24.00
9	**Connector cable A100/A101 to ME terminal,** 6 m	31302462	87.00
	Connector cable A100/A101 to ME terminal, 12 m	31302468	101.00
10	**Connector cable AG-STAR/SMART-6L to ME terminal,** 6 m	31302476	89.00
	Connector cable AG-STAR/SMART-6L to ME terminal, 12 m	3130247607	94.50
11	**Connector cable A100/A101,** with speed output for the terminal	31302457	153.00
12	**Connector cable AG-STAR,** with speed output for the terminal	31302454	178.00
13	Dust protection cap for A101	31300557	6.50
14	Dust protection cap for AG-STAR / SMART-6L	31300583	7.50
15	**Y cable for A100/A101 to connect to 2 displays**	31302459	83.50
16	**Y cable for 2 ME terminals or AMATRON+**	30322572	104.00
17	**Connector cable for Sensor Y with 3-pin socket,** on TRACK-Guide II and TRACK-Guide III	31302499	55.00
18	**Sensor Y for work position,** 5 m cable with 3-pin connector	312089	50.00
19	**Adapter cable** for all ME terminals to the signal socket in accordance with DIN 9684.1 / ISO 11786 for using the tractor ECU with touch or non-touch terminals starting at HW 3.0.0	30322548	44.50
20	**Adapter cable for ME terminal** with the ASD app for using a third-party terminal e.g. Rauch, Quantron E, E2 and for non-touch terminals starting at HW 3.0.0	3032254800	130.00

Prices excl. VAT   * Limited discount
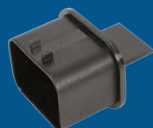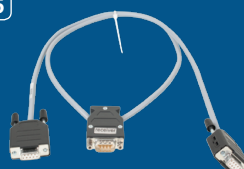
GPS / RTK

GPS receiver for Automatic steering		Part no.	Price €
1	**DGPS receiver A101** Path-to-path accuracy ± 25 cm	3030246901	1,092.00
2	**DGPS / GLONASS receiver AG-STAR,** Path-to-path accuracy ± 20 cm	3030247600	1,197.00
3	**DGPS / GLONASS receiver SMART-6L,** Path-to-path accuracy ± 15 cm	3030247606	1,963.00
L-BAND activation for SMART-6L, necessary for TerraStar-C		3030248930	1,350.00*
RTK activation for SMART-6L Absolute accuracy ± 2 cm		3030248931	2,400.00*
4	**GSM / GPRS modem for SMART-6L** for e.g. AXIO-NET FarmRTK	3030248920	1,250.00*
5	**GSM/GPRS antenna** with magnetic foot and self-adhesive metal plate	3030248912	96.00*
6	**GSM / GPRS dual SIM modem for SMART-6L,** with connection distributor and 2 antennas	3030248926	1,730.00*
7	**DGPS/GLONASS receiver SMART-6L** with RTK activation and GSM/GPRS modem for e.g. AXIO-NET FarmRTK, absolute accuracy ± 2 cm	3030248901	5,292.00*
8	**DGPS/GLONASS receiver SMART-6L** with RTK activation and GPRS-Dual SIM modem with connection distributor and 2 antennas for e.g. AXIO-NET FarmRTK, absolute accuracy ± 2 cm	3030248925	6,580.00*
RTK-Assist activation, 1 year subscription		3030248936	520.00*

TerraStar-C licence fees		Part no.	Price €
TerraStar-C licence fee, 1 year subscription	NET	3030248932	800.00
TerraStar-C licence fee, 3 month subscription	NET	3030248952	480.00

TerraStar-L licence fees		Part no.	Price €
TerraStar-L licence fee, 1 year subscription	NET	3030248935	285.00

Accessory third-party RTK modem		Part no.	Price €
9	Connection distributor for third-party RTK modem to SMART-6L	3030248929	317.00

* Limited discount   Prices excl. VAT
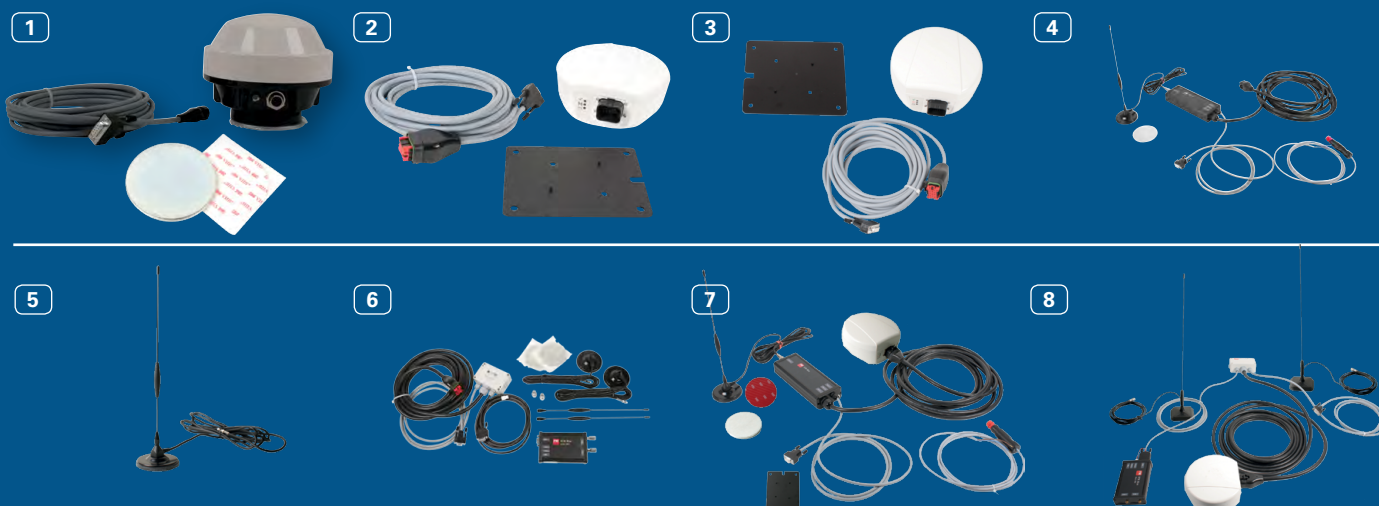
Overview of the GPS receivers and their path-to-path accuracies

	Costs of the correction signal	L1 receiver		L1 / L2 receiver
		A101	AG-STAR	SMART-6L
EGNOS / WAAS	free of charge	25 cm	20 cm	15 cm
GLIDE	free of charge	No	25 cm	15-18 cm
GLONASS	free of charge	No	Yes	Yes
TerraStar-C	charge payable	no	no	4 cm
TerraStar-L	charge payable	no	no	10-15 cm
RTK	charge payable	no	no	2 cm
The data specified here are reference values. Variations may occur.				

GPS Receiver / Correction signal		GLIDE	EGNOS	RTK-GSM	RTK-VHF	RTK-UHF
SMART-6L EGNOS/GLIDE	Part no.: 3030247606	+	+	3030248931 + 3030248920 + 3030248912	3030248931 + 3030248921 + 3030248910	3030248931 + 3030248922 + 3030248911
SMART-6L RTK-GSM	Part no.: 3030248901	+	+	+	-	-
Remarks: GLIDE is an internal correction method for calculating your actual position. The SMART-6L, EGNOS/GLIDE receiver can be upgraded to RTK, and the item numbers can be found in the table.						

RTK-GSM
The RTK receivers are compatible with AxioNET, SmartNet, RTK Clue, AgCel-Net and other NTRIP networks

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HEKTARMETER
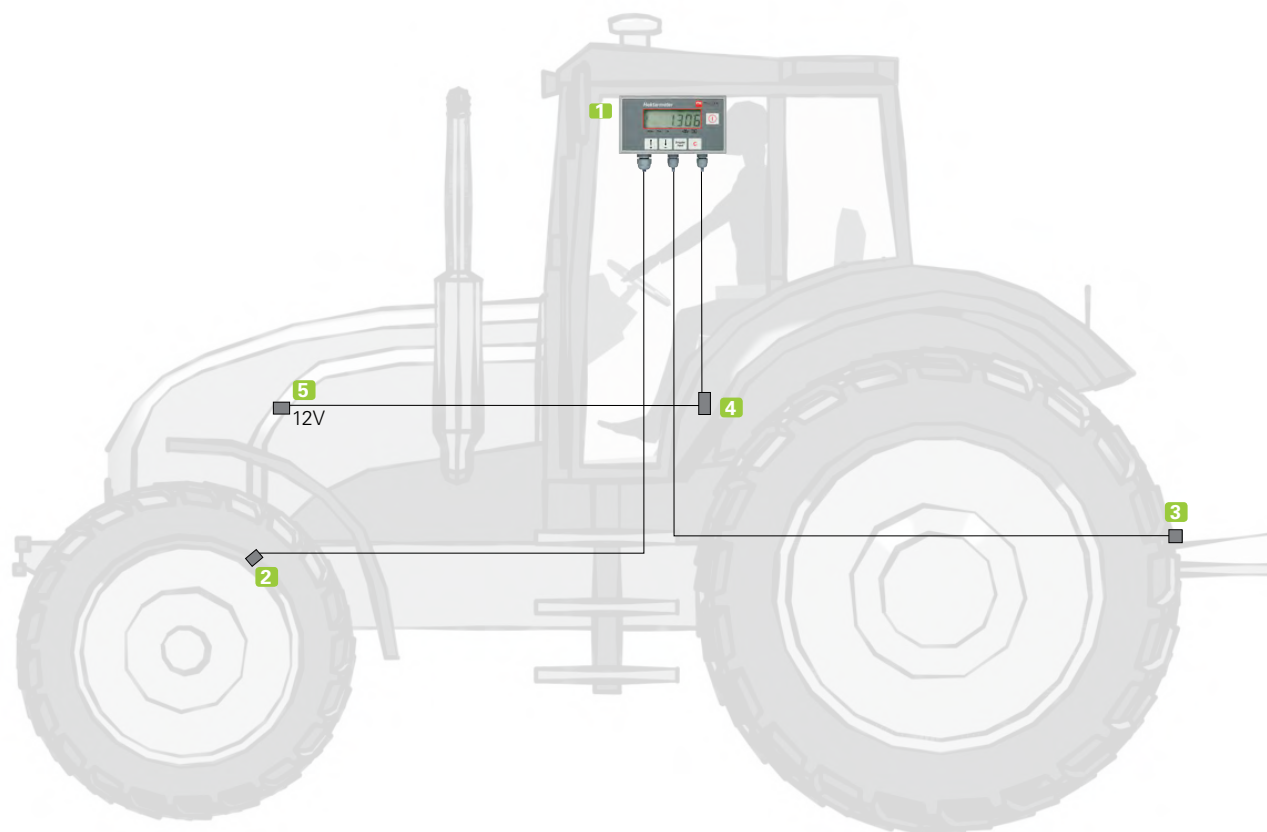
HEKTARMETER		Part no.	Price €
1	HEKTARMETER		
2	Sensor X for wheel, 10 m cable	302705	270.00
3	Sensor Y for work position, 9 m cable		
4	Power supply		

Accessories		Part no.	Price €
5	Battery cable 2 x 1.5 qmm with 1-pin socket	312159	37.40

ACTIMAT
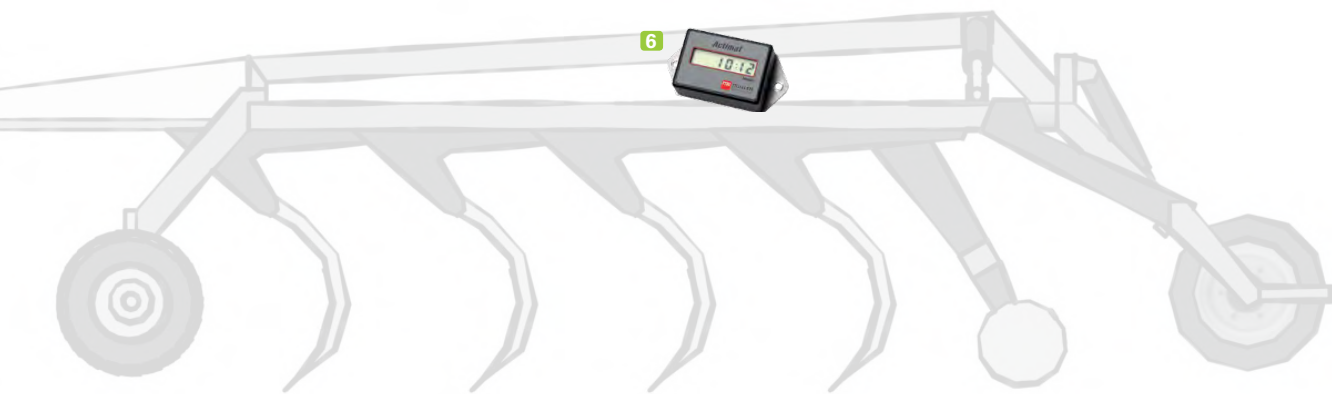
ACTIMAT		Part no.	Price €
6	ACTIMAT	30271010	162.00

UNIMAT II

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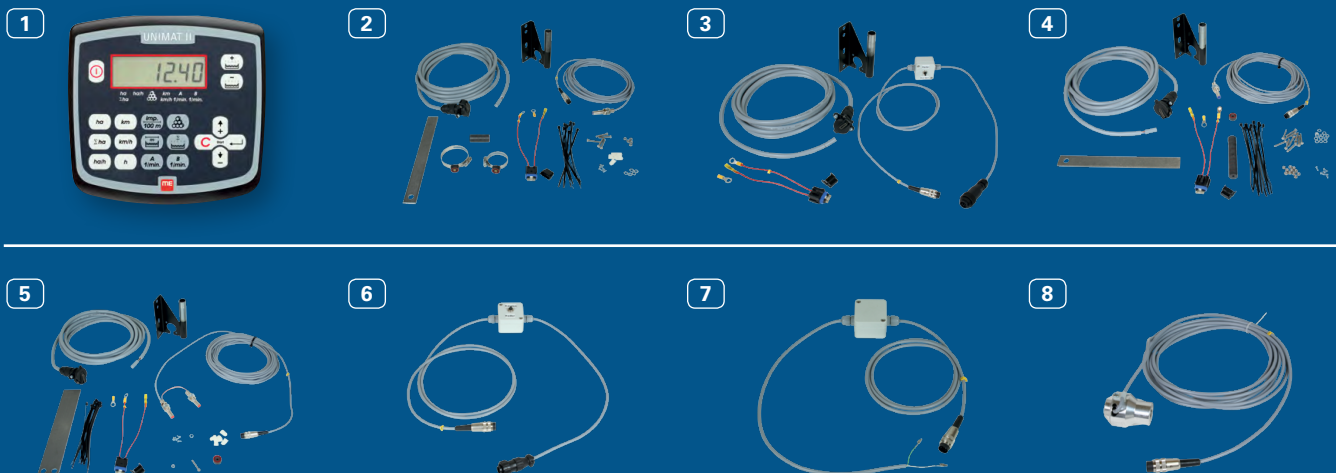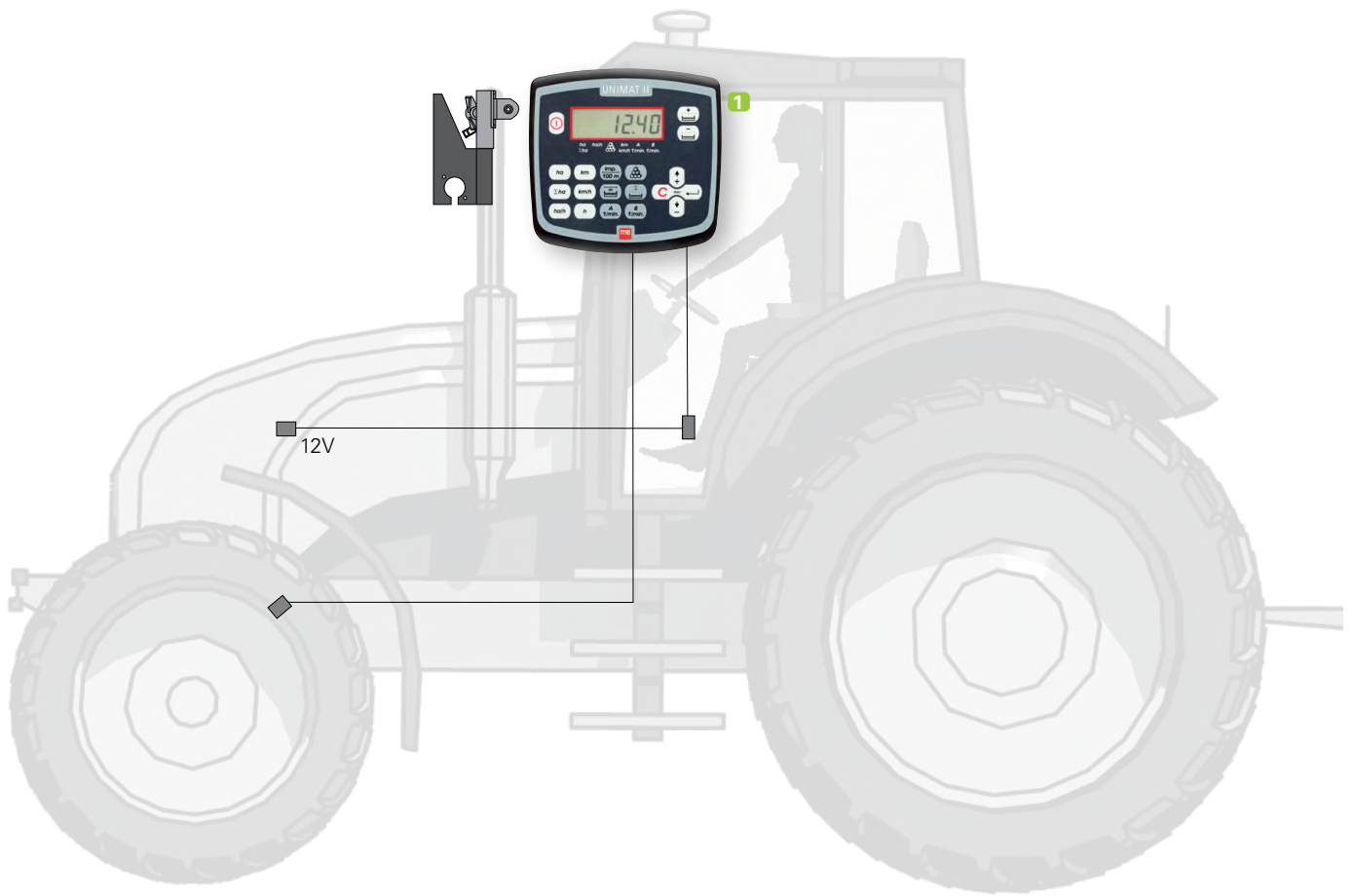
UNIMAT II

		Part no.	Price €
1	UNIMAT II computer with bracket	30272210	345.00

Basic vehicle harness for tractor or harvester

Any one of these basic vehicle harnesses is necessary for equipping a second tractor / combine harvester.

		Part no.	Price €
2	**Tractor basic vehicle harness** for tractor without signal socket, mounting bracket for computer, sensor X (wheel sensor) / drive shaft with 6 m cable, 5 m battery connector cable and installation material	302724	109.00
3	**Tractor basic vehicle harness** for tractor with signal socket in accordance with DIN 9684.1 and ISO 11786 (7-pin), KHD, UNIMOG (Unicomp), FENDT, John Deere, Case-Steyr	302729	182.00
4	**Trailed sprayer basic vehicle harness** , mounting bracket for computer, sensor X trailed sprayer with 10 m cable, 6 magnets, 5 m battery connector cable and installation material	302733	124.00
5	**Combine harvester basic vehicle harness** , mounting bracket for computer, sensor X with 2 sensors for forward/reverse driving detection, with 10 m cable and 5 m battery connector cable	302735	109.00

Adapter cable for basic vehicle harness 302724

		Part no.	Price €
6	**Adapter for FENDT signal socket** (4-pin) with 3-pin connector	312123	135.00
7	**Adapter for MB-Trac,** with electronic km/h display and 3-pin connector	312125	118.00
8	**Speedometer adapter UNIMOG,** 5 m cable, with 3-pin connector	312087	212.00

Additional sensor technology to the basic vehicle harness

		Part no.	Price €
9	**UNIMAT II equipment as a hectare counter without RPM monitor,** sensor Y (work position) with 5 m cable	302742	63.70
10	**UNIMAT II equipment as a hectare counter on the tractor with RPM monitor for the PTO shaft,** sensor Y (work position) with 5 m cable and PTO shaft RPM sensor A with 6 m cable	302743	152.00
11	**UNIMAT II equipment as a hectare counter on the combine harvester with 1 RPM monitor,** sensor Y (work position) with 5 m cable and RPM sensor A with 12 m cable	302748	138.00
12	**UNIMAT II equipment as a hectare counter with 2 RPM monitors,** sensor Y (work position) with 5 m cable, sensor A (RPM or tally counter) with 12 m cable and RPM sensor B with 8 m cable	302744	198.00

Accessories

		Part no.	Price €
13	**Adapter cable for retrofitting RPM sensors or tally counters,** cable with 3-pin socket and connection diagram	312746	24.60
14	**Rotational speed sensor,** 12 m cable with connector	312097	46.70
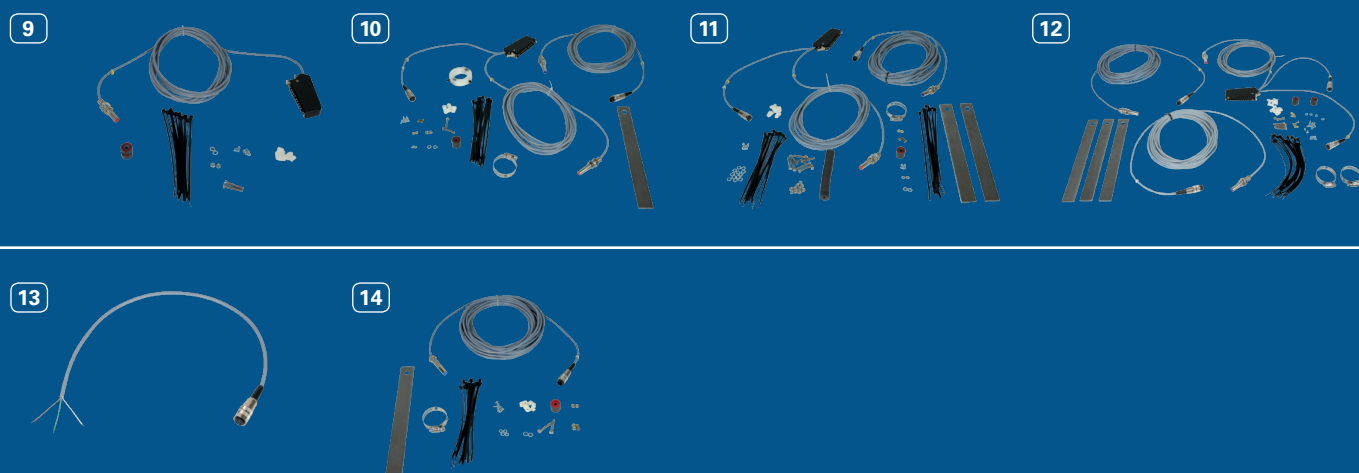
ISOBUS SPRAYER-Controller
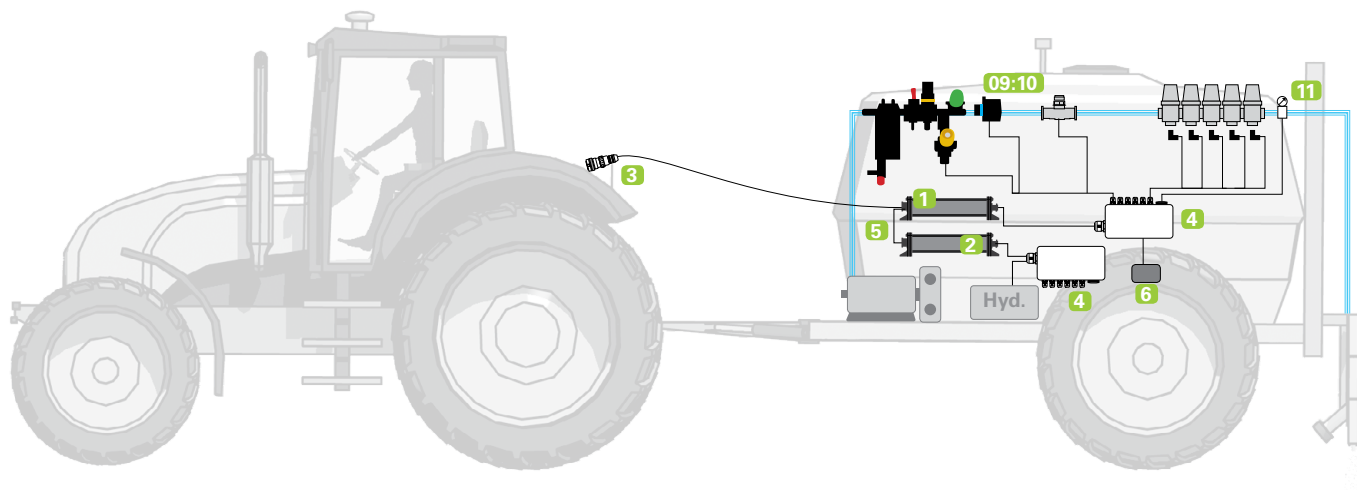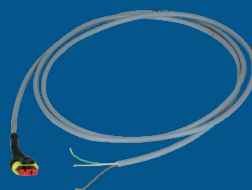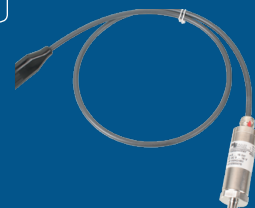
ISOBUS job computer with expansion job computer for sprayers		Part no.	Price €
1	ISOBUS Sprayer Controller MIDI 3.0	3032245501	1,091.00
2	ECU-MIDI 3.0 sprayer ISOBUS job computer add-in job computer	3032245601	1,091.00
3	Connector cable, ISOBUS job computer, 1 m	3030314301	262.00
	Connector cable, ISOBUS job computer, 2.5 m	3030314601	279.00
	Connector cable, ISOBUS job computer, 4 m	3030314401	294.00
	Connector cable, ISOBUS job computer, 5.5 m	3030314801	311.00
	Connector cable, ISOBUS job computer, 6.5 m	3030314001	322.00
	Connector cable, ISOBUS job computer, 8.5 m	3030314201	344.00
	Connector cable, ISOBUS job computer, 11 m	3030314101	371.00
	Connector cable, ISOBUS job computer, 14 m	3030314701	404.00
4	Universal junction box for ECU-MIDI 3.0 , 0.6 m cable	30322470	443.00
	Universal junction box for ECU-MIDI 3.0 , 1.5 m cable	30322475	474.00
	Universal junction box for ECU-MIDI 3.0 , 2 m cable	30322471	478.00
	Universal junction box for ECU-MIDI 3.0 , 4 m cable	30322472	502.00
	Universal junction box for ECU-MIDI 3.0 , 6 m cable	30322473	536.00
	Universal junction box for ECU-MIDI 3.0 , 9 m cable	30322474	586.00

| Accessories		Part no.	Price €
5	Connector cable, main to expansion job computer, 0.3 m	30322355	108.00
	Connector cable, main to expansion job computer, 1.5 m	30322359	120.00
	Connector cable, main to expansion job computer, 3.2 m	30322358	140.00
	Connector cable, main to expansion job computer, 6.5 m	30322357	170.00
	Connector cable, main to expansion job computer, 10 m	30322356	204.00
	Connector cable, main to expansion job computer, 14 m	3032235803	224.00
6	Sensor X (speed), trailed sprayer, 1 m cable with AMP connector, 12 magnets	30303621	80.00
7	GPS speed sensor	30258330	328.00
8	2 m connector cable for sensors, with 3-pin AMP socket to junction box	30303294	12.00

Flow meter		Part no.	Price €
9	Flow meter Bürkert, Inline DN 20,10 bar, 7 m cable without connector, 8 - 140 l/min	30244510	477.00
	Inline flow meter (Bürkert) DN 25, 10 bar , 7 m cable without connector, 14 - 220 l/min	30244710	504.00
10	Flow meter Polmac 1" Turbo-Flow 30 bar, 7 m cable without connector, 6 - 140 l/min	30244910	316.00

Pressure sensor		Part no.	Price €
11	Pressure sensor 0 – 16 bar, 1 m cable with AMP connector	30303591	259.00
12	8 m connector cable for sensors, with 3-pin AMP socket to junction box	30303297	17.40
13	Accessories bag pressure NET	31243210	15.50

Motorized manifold for pumps up to 160 l/min, see page 27

SPRAYDOS short/long

12V

Hyd.

12:13

1	**2**	**3**	**4**			
5	**6**	**7 . 8**	**9**			
10	**11**	**12**	**13**			
14	**15**	**16**	**17**			
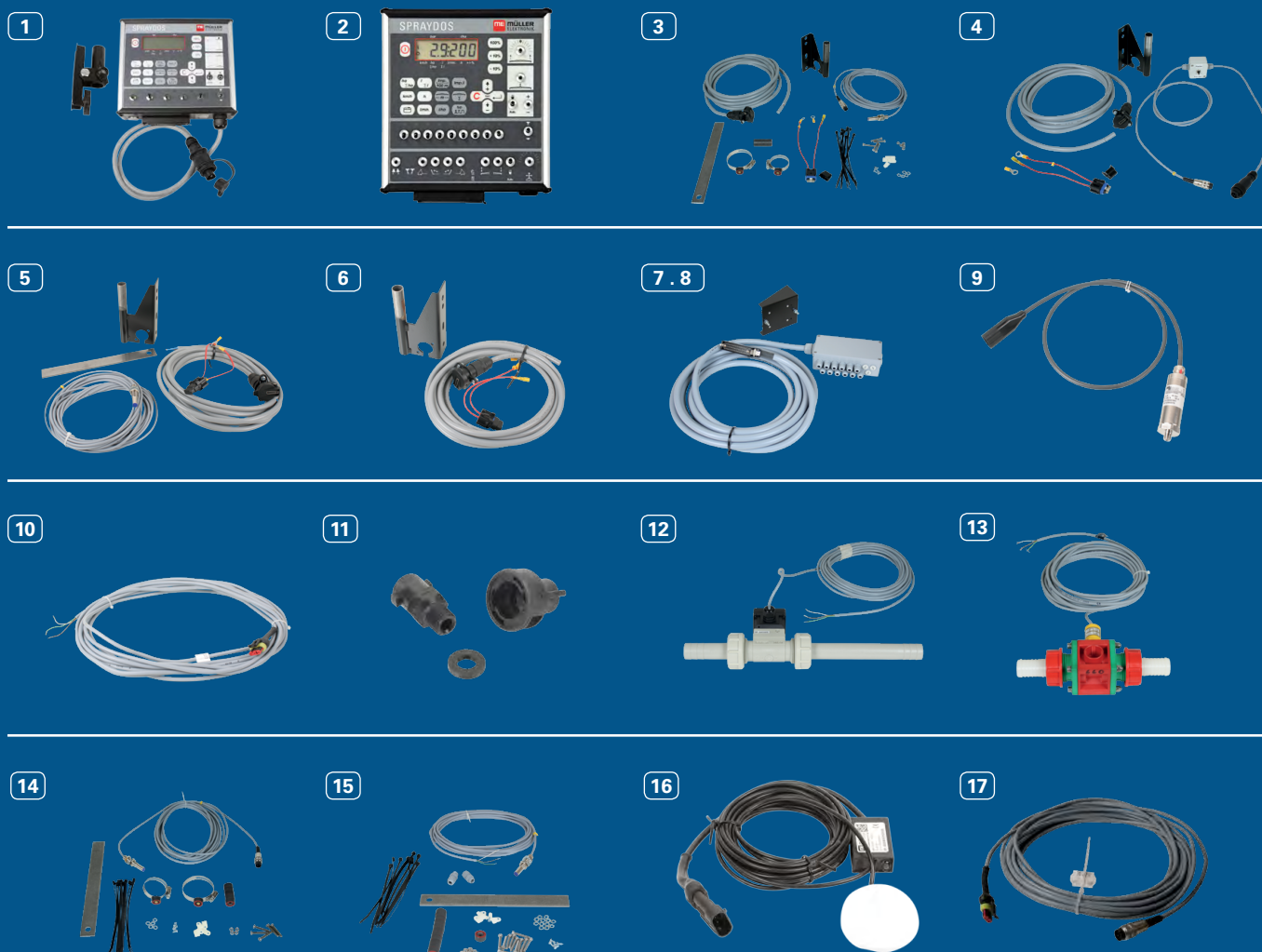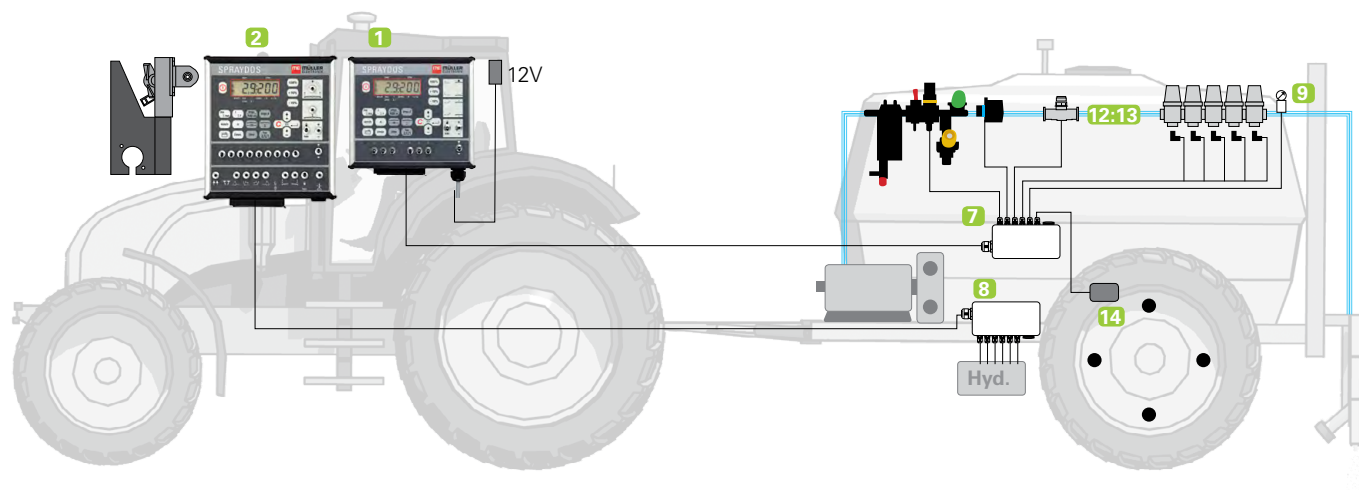
SPRAYDOS short

		Part no.	Price €
1	SPRAYDOS computer, 5 sections, without hydraulics, with bracket	30221001	1,007.00
	SPRAYDOS computer, 7 sections, without hydraulics, with bracket	30221011	1,024.00
	SPRAYDOS computer, 9 sections, without hydraulics, with bracket	30221021	1,041.00

SPRAYDOS long

		Part no.	Price €
2	SPRAYDOS long, 5 sections, with expandable hydraulic functions	30221151	1,185.00
	SPRAYDOS long, 7 sections, with expandable hydraulic functions	30221161	1,202.00
	SPRAYDOS long, 9 sections, with expandable hydraulic functions	30221171	1,218.00

Additional functions

	Part no.	Price €
Motorized slope compensation with momentary switch max. 15 Ampere	30221030	65.60
Hydraulic slope compensation with momentary switch max. 4 Ampere	30221185	25.20
Hydraulic function with momentary switch max. 4 Ampere, max. 4 functions possible	30221180	20.20

Basic vehicle harness

Any one of these basic vehicle harnesses is necessary for equipping a second tractor

		Part no.	Price €
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	109.00
4	Tractor basic vehicle harness, for tractors with signal socket in accordance with DIN 9684.1 and ISO 11786 (7-pin), KHD, UNIMOG (Unicomp), FENDT, John Deere, Case-Steyr	302729	182.00
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	122.10
6	Basic vehicle harness without sensor, mounting bracket for computer and battery connector cable	30273505	53.20

Junction box

		Part no.	Price €
7	Junction box for SPRAYDOS, 6.5 m cable with 39-pin male connector for manifold and hydraulic system	30221070	322.00
	Junction box for SPRAYDOS, 10 m cable with 39-pin male connector for manifold and hydraulic system	30221075	341.00
8	Junction box for SPRAYDOS, 6.5 m cable with 30-pin male connector for hydraulic system	30221080	366.00

Pressure sensor

		Part no.	Price €
9	Pressure sensor 0 – 16 bar, 1 m cable with AMP connector	30303591	259.00
10	8 m connector cable for sensors, with 3-pin AMP socket to junction box	30303297	17.40
11	Accessories bag pressure NET	31243210	15.50

Flow meter

		Part no.	Price €
12	Flow meter Bürkert, Inline DN 20, 10 bar, 7 m cable without connector, 8 - 140 l/min	30244510	477.00
	Flow meter Bürkert, Inline DN 25, 10 bar, 7 m cable without connector, 14 - 220 l/min	30244710	504.00
13	Polmac 1" Turbo-Flow flow meter, 30 bar, 7 m cable without connector, 6 - 140 l/min	30244910	316.00

Accessories

		Part no.	Price €
14	Sensor X for wheel/drive shaft, 6 m cable with 3-pin connector	312083	54.70
15	Sensor X for trailed sprayer (12 magnets) for slip-free speed tracking	312583	60.60
16	GPS speed sensor	30258330	328.00
17	Extension cable for sensor, 11 m with AMP socket and 3-pin connector	30303290	30.20

Motorized manifold for pumps up to 160 l/min, see page 27

SPRAYMAT II
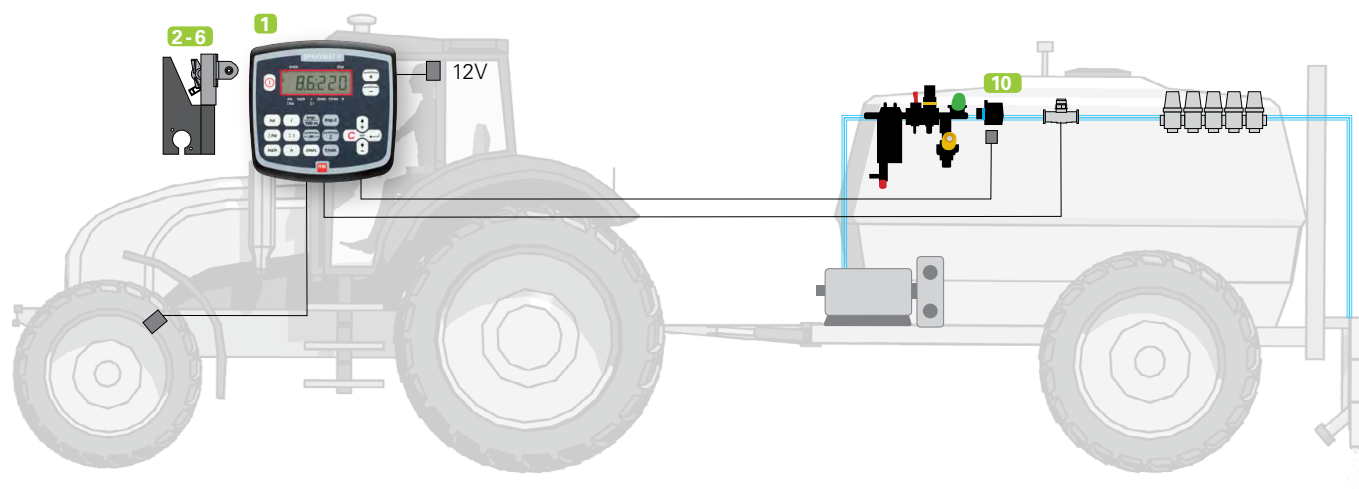
SPRAYMAT II		Part no.	Price €
1	Spraymat II – computer **with bracket**	30272010	460.00

Basic vehicle harness for tractors/combine harvesters
Any one of these basic vehicle harnesses is necessary for equipping a second tractor / combine harvester.

		Part no.	Price €
2	**Tractor basic vehicle harness, for tractors without signal socket,** mounting bracket for computer, sensor X for wheel or drive shaft with 6 m cable, battery connector cable and installation material	302724	109.00
3	**Tractor basic vehicle harness,** for tractors with signal socket in accordance with DIN 9684.1 and ISO 11786 (7-pin), KHD, UNIMOG (Unicomp), FENDT, John Deere, Case-Steyr	302729	182.00
4	**Trailed sprayer basic vehicle harness,** mounting bracket for computer, sensor X for trailed sprayer with 10 m cable (6 magnets), battery connector cable and installation material	302733	124.00
5	**Combine harvester basic vehicle harness,** mounting bracket for computer, sensor X for wheel with 2 sensors, forward/reverse detection with 10 m cable and battery connector cable	302735	109.00
6	**Basic vehicle harness without sensor,** mounting bracket for computer and battery connector cable	30273505	53.20

Sprayer equipment		Part no.	Price €
7	**SPRAYMAT II equipment for field sprayer with manual manifold,** Polmac 1" Turbo-Flow flow meter, 30 bar, 6 – 140 l/min and sensor Y for work position	302736	470.00
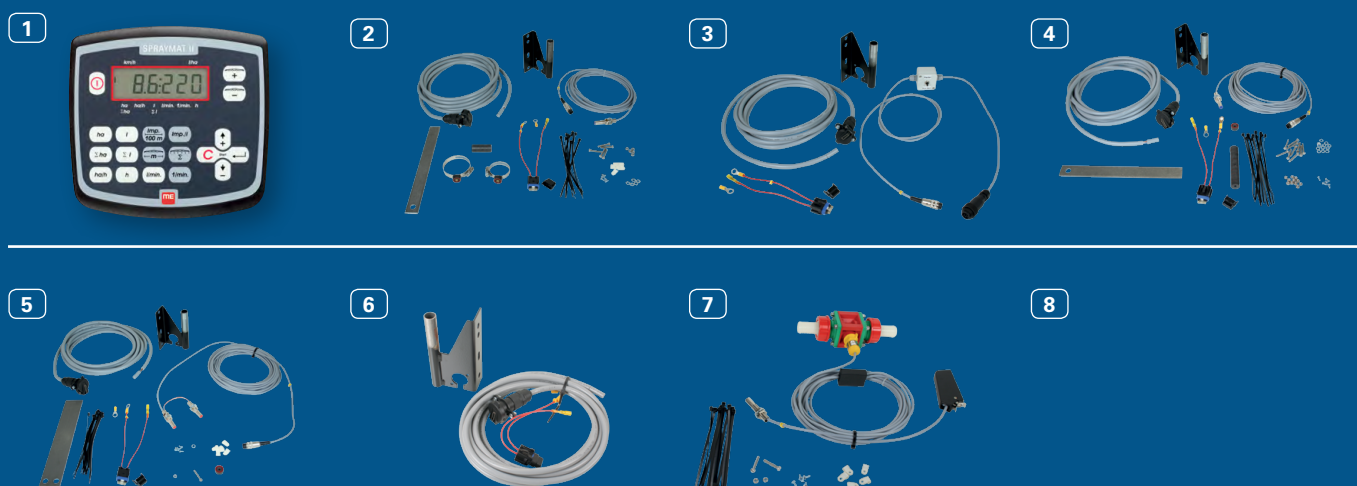
TANK-Control
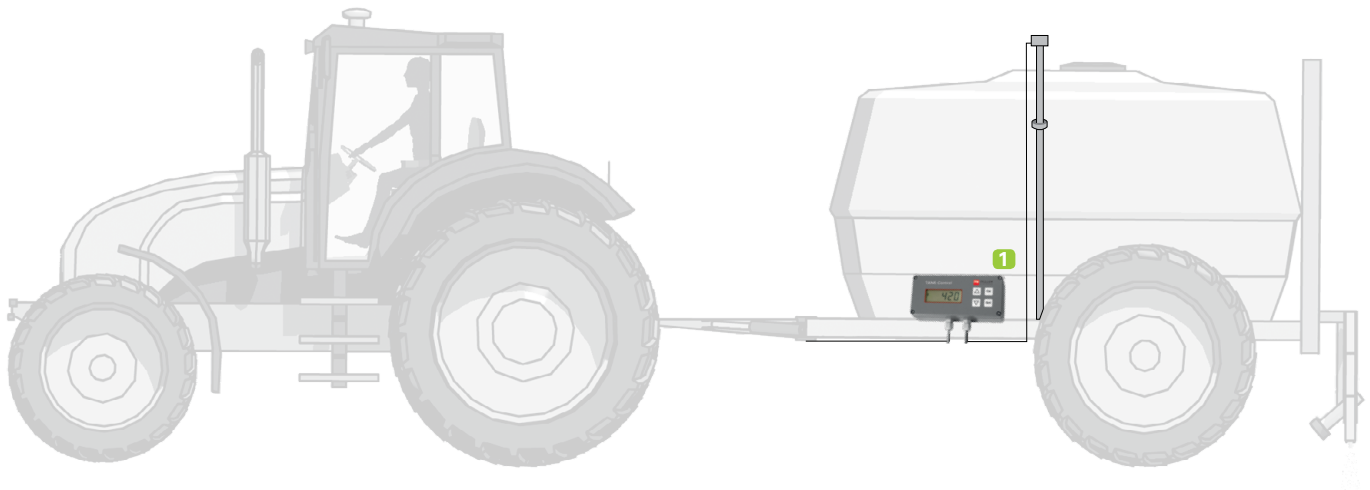
Optional for all sprayer control systems

TANK Control

The first number in the article text is the maximum measurement value, while the second number is the overall length of the sensor.

		Part no.	Price €
1	TANK-Control with level sensor 1200/1380	30252003	949.00
	TANK-Control with level sensor 1440/1620	30252006	970.00
	TANK-Control with level sensor 1600/1780	30252011	992.00
	TANK-Control with level sensor 1840/2020	30252021	1,041.00
	TANK-Control with level sensor 2080/2260	30252045	1,390.00
	TANK-Control with level sensor 2400/2580	30252051	1,390.00

	TANK Control accessories	Part no.	Price €
2	Extension cable for sensors, **6 m with AMP connector to junction box, is required for connection to junction box**	30303295	16.00
3	**Fillstop for job computer** , with 6-pin AMP connector for ball valve	30252820	111.00

The ball valve can be sourced from an agricultural technology accessories shop.

SECTION-Control BOX
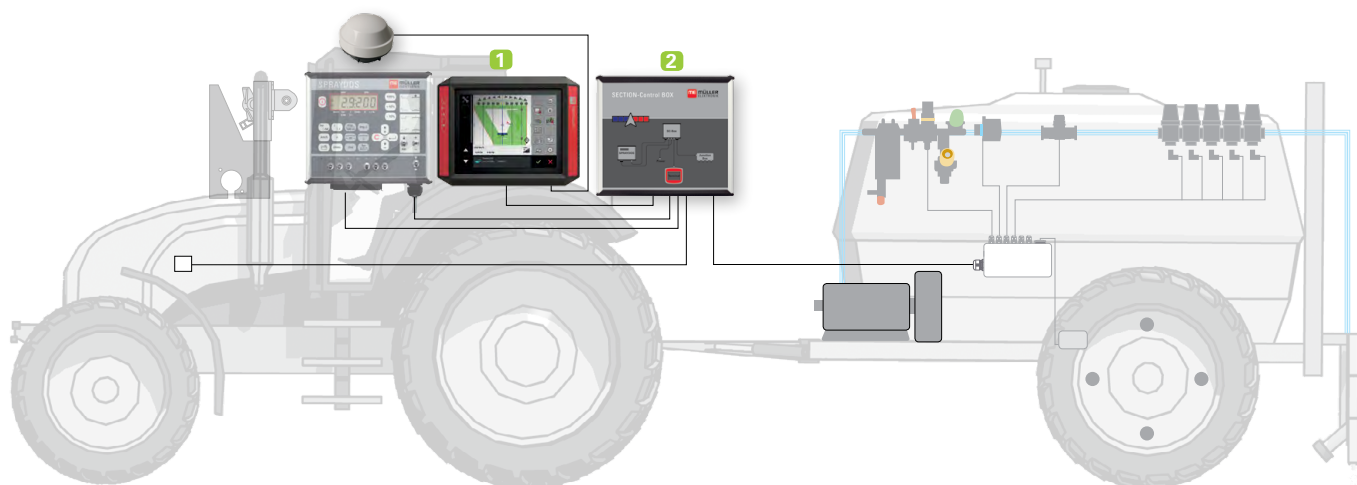
SECTION-Control BOX		Part no.	Price €
1	**TRACK-Guide III** with DGPS receiver A101, camera ports and basic vehicle harness	3030271412	2,180.00*
	SECTION-Control App	30302450	966.00

The following SECTION-Control BOX versions are available:

		Part no.	Price €
	SECTION-Control BOX for SPRAYDOS motorized valves	30302670	990.00*
	SECTION-Control BOX for SPRAYDOS solenoid valves	30302671	990.00*
	SECTION-Control BOX for switch box, 30-pin, motorized valve	30302672	990.00*
	SECTION-Control BOX for switch box, 30-pin, solenoid valve	30302673	990.00*
	SECTION-Control BOX for switch box, 39-pin, motorized valve	3030267201	990.00*
	SECTION-Control BOX for switch box, 39-pin, solenoid valve	3030267301	990.00*
	SECTION-Control BOX for switch box, DAMMANN motorized valve	3030267202	1,390.00*
	SECTION-Control BOX for switch box, DAMMANN solenoid valve	3030267302	1,390.00*
2	**SECTION-Control BOX for switch box,** INUMA	3030267303	1,500.00*
	SECTION-Control BOX for switch box, HARDI HC2500 / HC5500 motorized valve with 1-7 sections and special functions	3030267203	1,290.00*
	SECTION-Control BOX for switch box, HARDI HC2500 / HC5500 motorized valve with 1-9 sections, without special functions	3030267204	1,290.00*
	SECTION-Control BOX for sprayer computer, John Deere EL-4 and TeeJet 844/ TeeJet Radion 8140	3030267207	1,190.00*
	SECTION-Control BOX for spray computer, BERTHOUD DP Tronic	3030267205	1,090.00*
	SECTION-Control BOX for AMASPRAY+, with 5 sections	30302674	1,360.00*
	SECTION-Control BOX for AMASPRAY+, with 7 sections	3030267401	1,360.00*
	SECTION-Control BOX for AMASPRAY+, with 9 sections	3030267402	1,360.00*
Additional costs for conversion of SECTION-Control BOX (if required) NET		30302675	195.00
Additional costs for adjusting switch box to wheel signal (if required) NET		3030267501	70.00
Additional costs for adjusting switch box with fixed connector cable (if required) NET		3030267502	290.00
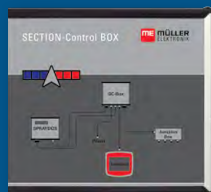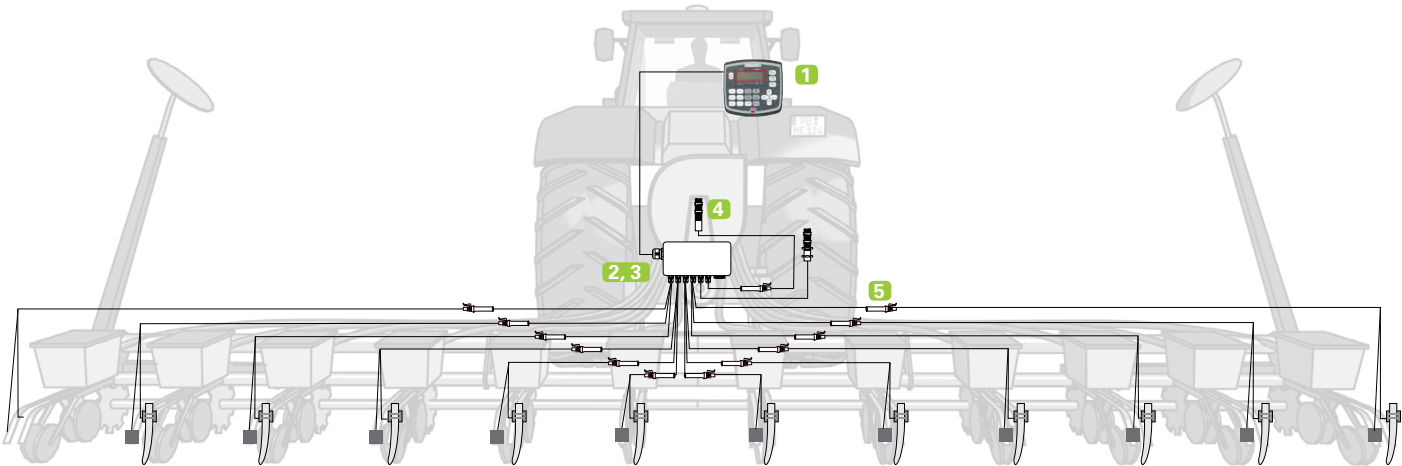
PRECIMAT

PRECIMAT		Part no.	Price €
1	PRECIMAT computer	30283650	481.00
2	Junction box for machines without a row shutoff system, up to 12 rows, 6.5 m	30283701	243.00
	Junction box for machines without a row shutoff system, up to 12 rows, 10 m	30283702	248.00
3	Junction box for machines with a row shutoff system, up to 12 rows, 10 m	30283706	383.00
4	Rotational speed sensor with AMP connector	30303623	55.50
5	Connector cable for sensors, 1.10 m with 3-pin AMP socket to junction box	3030329706	14.50
	Connector cable for sensors, 2 m with 3-pin AMP socket to junction box	30303294	12.50
	Connector cable for sensors, 4 m with 3-pin AMP socket to junction box	30303296	15.00
	Connector cable for sensors, 6 m with 3-pin AMP socket to junction box	30303295	16.00

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ISOBUS DRILL-Controller
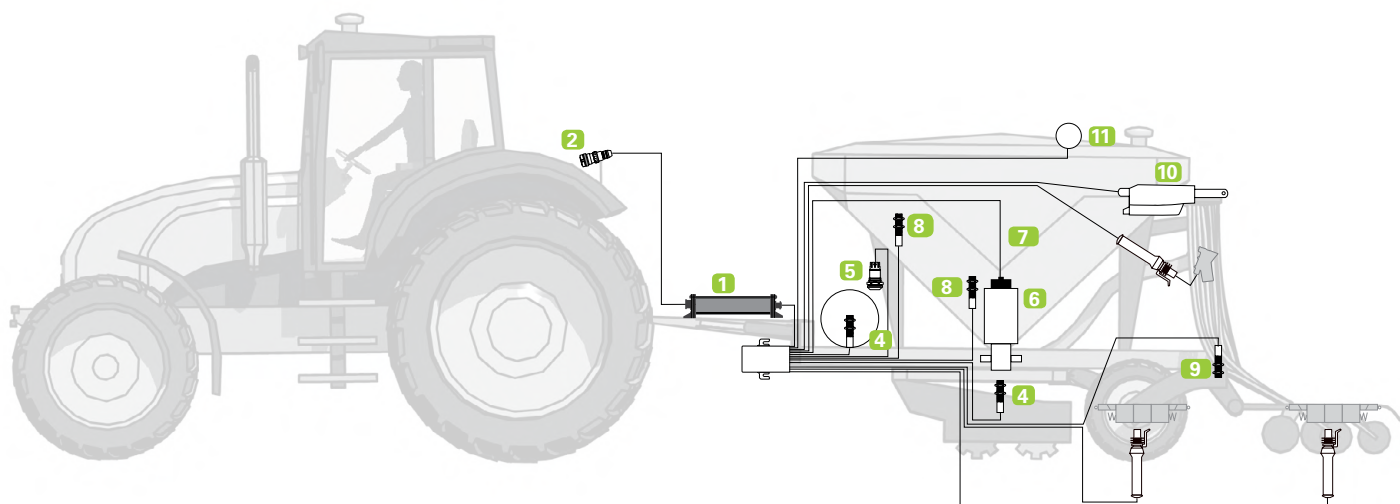
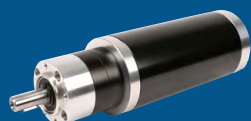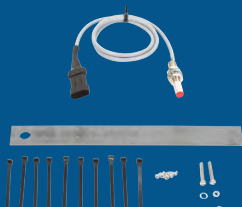| ISOBUS seeder		Part no.	Price €
1	ECU-MIDI 3.0 seeder ISOBUS job computer	3028501101	1,091.00
	Field IQ ISOBUS Midi 3 ECU (*to be ordered from the Trimble store, adapter cables available from the store*)	75774-20	1,091.00
2	Connector cable, ISOBUS job computer, 1 m	3030314301	262.00
	Connector cable, ISOBUS job computer, 2.5 m	3030314601	279.00
	Connector cable, ISOBUS job computer, 4 m	3030314401	294.00
	Connector cable, ISOBUS job computer, 5.5 m	3030314801	311.00
	Connector cable, ISOBUS job computer, 6.5 m	3030314001	322.00
	Connector cable, ISOBUS job computer, 8.5 m	3030314201	344.00
	Connector cable, ISOBUS job computer, 11 m	3030314101	371.00
	Connector cable, ISOBUS job computer, 14 m	3030314701	404.00
3	Universal junction box for ECU-MIDI 3.0 , 0.6 m cable	30322470	443.00
	Universal junction box for ECU-MIDI 3.0 , 1.5 m cable	30322475	474.00
	Universal junction box for ECU-MIDI 3.0 , 2 m cable	30322471	478.00
	Universal junction box for ECU-MIDI 3.0 , 4 m cable	30322472	502.00
	Universal junction box for ECU-MIDI 3.0 , 6 m cable	30322473	536.00
	Universal junction box for ECU-MIDI 3.0 , 9 m cable	30322474	586.00
4	Rotational speed sensor with AMP connector	30303623	55.50
5	Calibration button with AMP connector	30285080	47.50
6	Electrical metering drive	30285051	764.00
7	Connector cable for electrical metering drive to junction box , 2 m	30285055	73.00
8	Level sensor , 1 m cable, with AMP connector	30303650	114.00
9	Work position sensor , 1 m cable, with AMP connector	30303615	48.50
10	Half-width motor	30285070	477.00
11	GPS speed sensor	30258330	328.00
12	Connector cable for sensors, 4 m with 3-pin AMP socket to junction box	30303296	15.00

Accessories		Part no.	Price €
13	Connector cable, main to expansion job computer, 0.3 m	30322355	108.00
	Connector cable, main to expansion job computer, 1.5 m	30322359	120.00
	Connector cable, main to expansion job computer, 3.2 m	30322358	140.00
	Connector cable, main to expansion job computer, 6.5 m	30322357	170.00
	Connector cable, main to expansion job computer, 8 m	3032235802	183.00
	Connector cable, main to expansion job computer, 10 m	30322356	204.00
	Connector cable, main to expansion job computer, 14 m	3032235803	224.00
14	Cable harness ISOBUS seeder with 2 metering drives	30285031	406.00

13

DRILL-Control
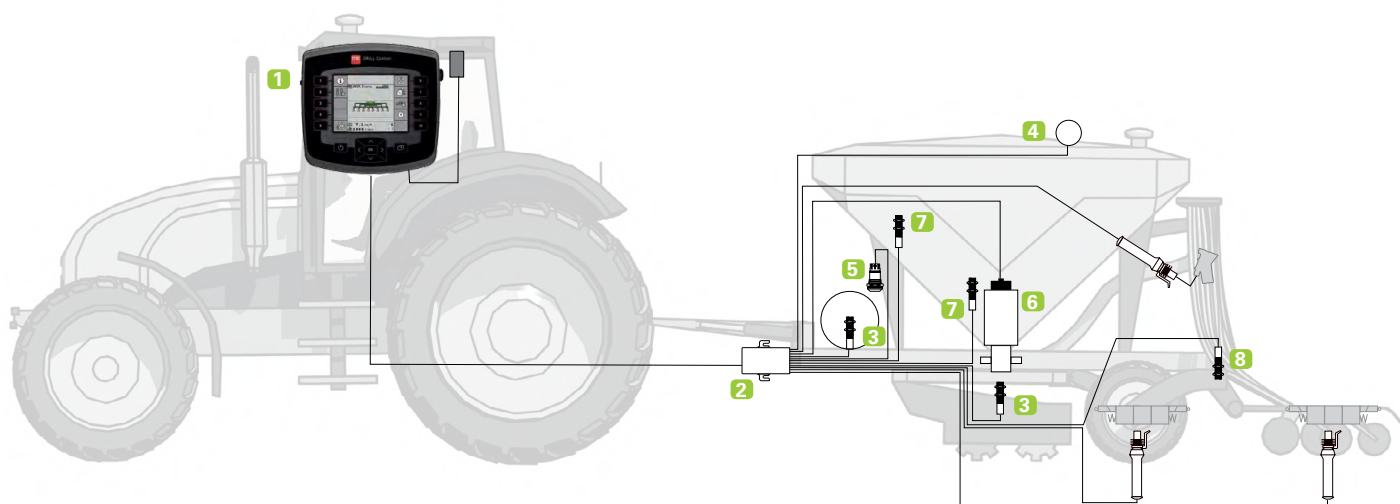
DRILL-Control	Part no.	Price €
1	DRILL-Control	30283620	960.00

DRILL-Control equipment	Part no.	Price €
2	Cable harness, DRILL-Control	30283625	394.00
3	Rotational speed sensor with AMP connector	30303623	55.50
4	GPS speed sensor	30258330	328.00
5	Calibration button with AMP connector	30285080	47.50
6	Electrical metering drive	30285051	764.00
7	Level sensor , 1 m cable, with AMP connector	30303650	114.00
8	Work position sensor, 1 m cable, with AMP connector	30303615	48.50
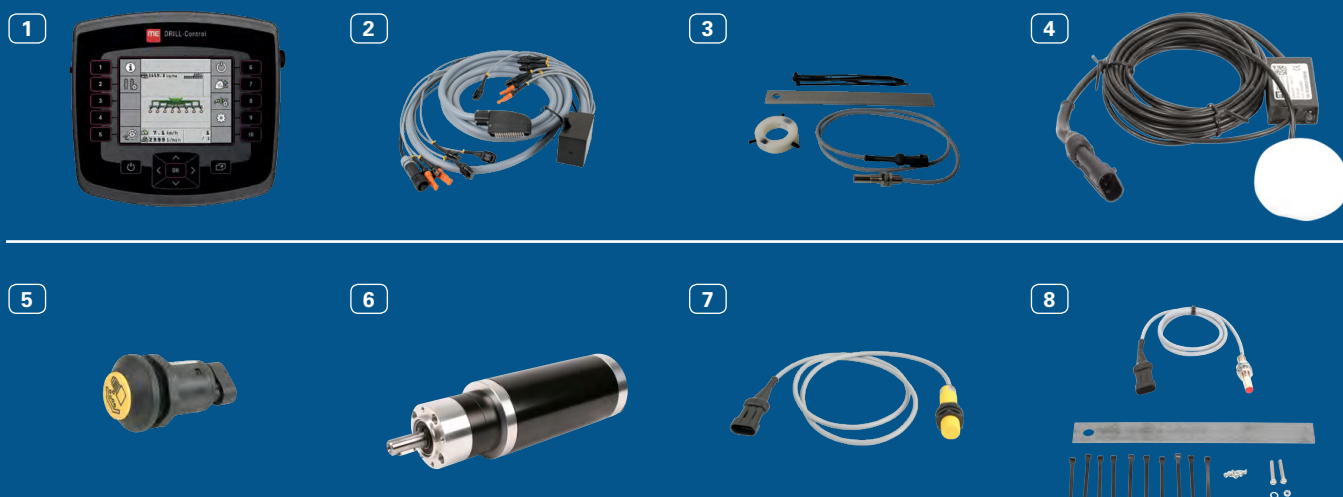
DRILLMAT III
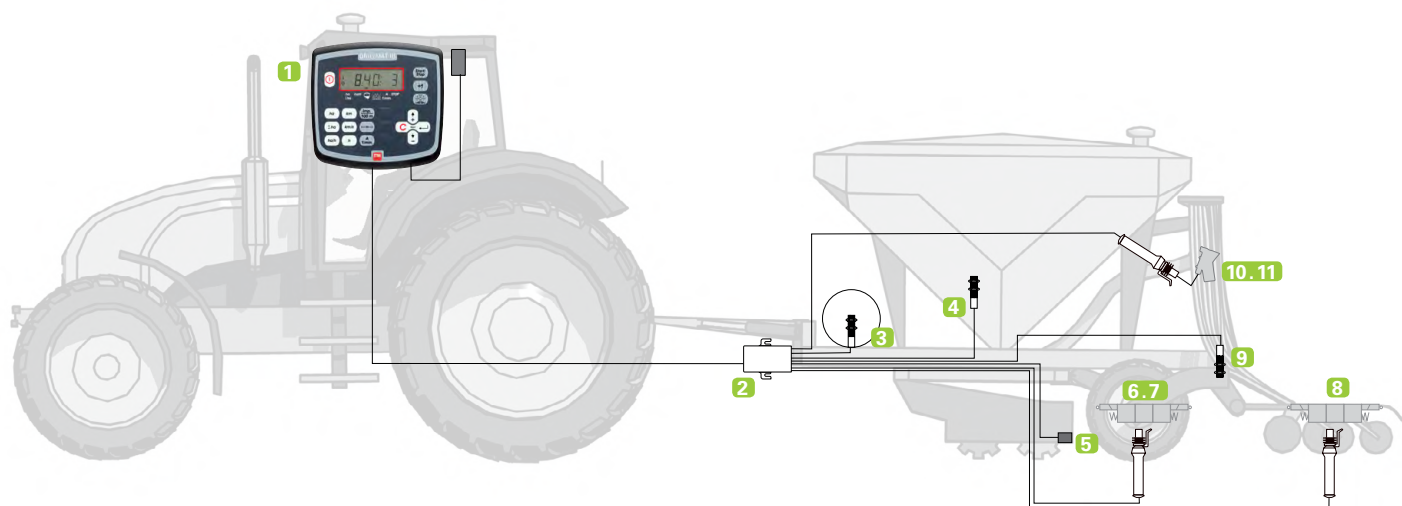
DRILLMAT III

	DRILLMAT III	Part no.	Price €
1	**DRILLMAT** – computer with console and battery cable	30283615	477.00

Seeder equipment

	Seeder equipment	Part no.	Price €
2	**Cable harness for tramline control** motorized flap with sensors, 6.5 m	30283710	385.00
	Cable harness for tramline control motorized flap with sensors, 12 m	30283715	416.00
	Cable harness for tramline control solenoid flap with sensors, 6.5 m	30283711	385.00

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)

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ISOBUS PLANTER-Controller with junction box

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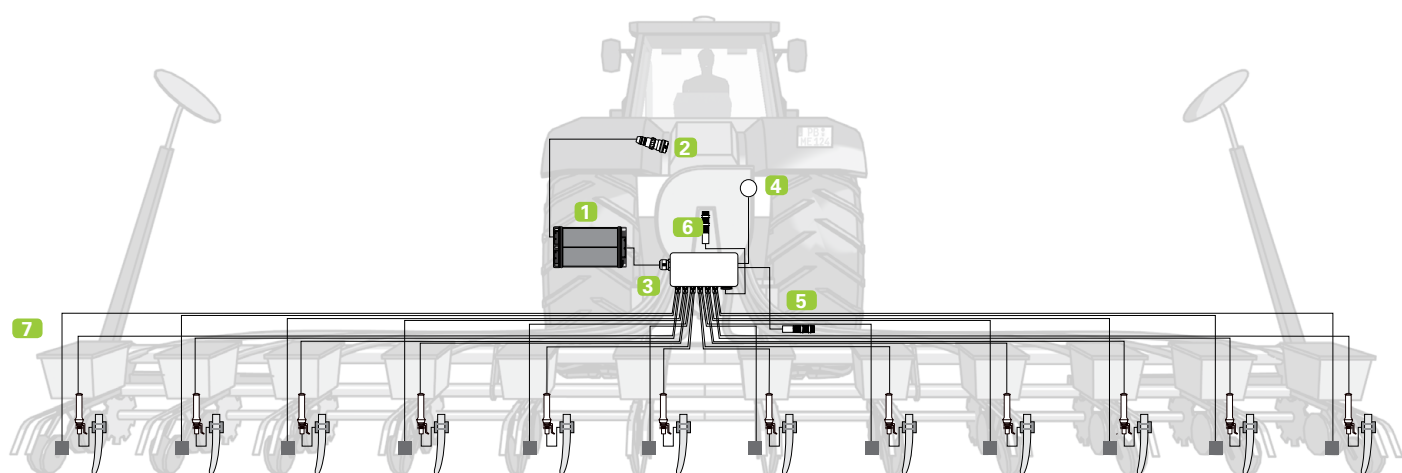
ISOBUS precision planter		Part no.	Price €
1	ECU-MIDI 3.0 precision planter ISOBUS job computer	3028501101	1091.00
2	Connector cable, ISOBUS job computer, 1 m	3030314301	262.00
	Connector cable, ISOBUS job computer, 2.5 m	3030314601	279.00
	Connector cable, ISOBUS job computer, 4 m	3030314401	294.00
	Connector cable, ISOBUS job computer, 5.5 m	3030314801	311.00
	Connector cable, ISOBUS job computer, 6.5 m	3030314001	322.00
	Connector cable, ISOBUS job computer, 8.5 m	3030314201	344.00
	Connector cable, ISOBUS job computer, 11 m	3030314101	371.00
	Connector cable, ISOBUS job computer, 14 m	3030314701	404.00
3	Universal junction box for ECU-MIDI 3.0 , 0.6 m cable	30322470	443.00
	Universal junction box for ECU-MIDI 3.0 , 1.5 m cable	30322475	474.00
	Universal junction box for ECU-MIDI 3.0 , 2 m cable	30322471	478.00
	Universal junction box for ECU-MIDI 3.0 , 4 m cable	30322472	502.00
	Universal junction box for ECU-MIDI 3.0 , 6 m cable	30322473	536.00
	Universal junction box for ECU-MIDI 3.0 , 9 m cable	30322474	586.00
4	GPS speed sensor	30258330	328.00
5	Work position sensor, 1 m cable, with AMP connector	30303615	48.50
6	Rotational speed sensor with AMP connector	30303623	55.50
7	Connector cable for sensors, 1.10 m with 3-pin AMP socket to junction box	3030329706	14.50
	Connector cable for sensors, 2 m with 3-pin AMP socket to junction box	30303294	12.50
	Connector cable for sensors, 4 m with 3-pin AMP socket to junction box	30303296	15.00
	Connector cable for sensors, 6 m with 3-pin AMP socket to junction box	30303295	16.00
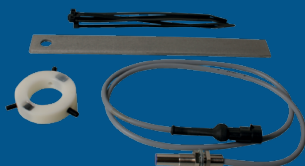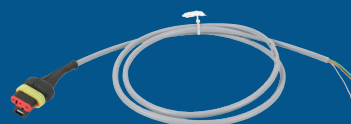
ISOBUS SPREADER-Controller
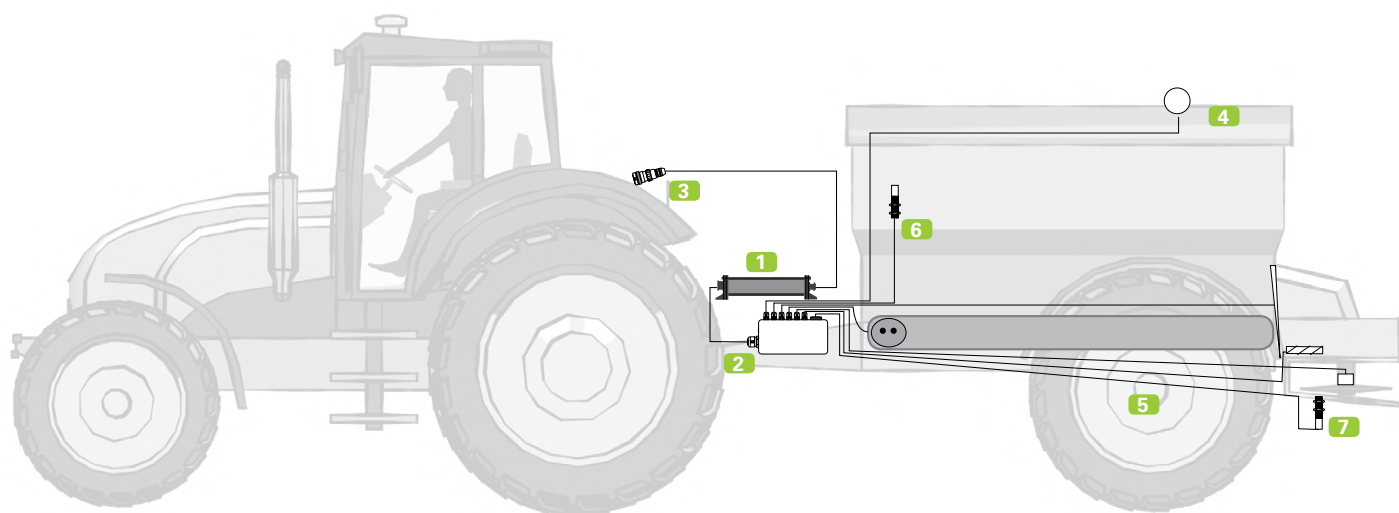
ISOBUS fertilizer spreaders		Part no.	Price €
	Field IQ ISOBUS *(to be ordered from the Trimble store)*	75774-20	1,091.00
1	Universal junction box for ECU-MIDI 3.0 , 0.6 m cable	30322470	443.00
	Universal junction box for ECU-MIDI 3.0 , 1.5 m cable	30322475	474.00
	Universal junction box for ECU-MIDI 3.0 , 2 m cable	30322471	478.00
	Universal junction box for ECU-MIDI 3.0 , 4 m cable	30322472	502.00
	Universal junction box for ECU-MIDI 3.0 , 6 m cable	30322473	536.00
	Universal junction box for ECU-MIDI 3.0 , 9 m cable	30322474	586.00
2	Connector cable, ISOBUS job computer, 1 m	3030314301	262.00
	Connector cable, ISOBUS job computer, 2.5 m	3030314601	279.00
	Connector cable, ISOBUS job computer, 4 m	3030314401	294.00
	Connector cable, ISOBUS job computer, 5.5 m	3030314801	311.00
	Connector cable, ISOBUS job computer, 6.5 m	3030314001	322.00
	Connector cable, ISOBUS job computer, 8.5 m	3030314201	344.00
	Connector cable, ISOBUS job computer, 11 m	3030314101	371.00
	Connector cable, ISOBUS job computer, 14 m	3030314701	404.00
3	GPS speed sensor	30258330	328.00
4	Connector cable for sensors, 4 m with 3-pin AMP socket to junction box	30303296	15.00
5	Level sensor, 1 m cable, with AMP connector	30303650	114.00
6	Inductive sensor, 1 m cable with AMP connector, 8 mm switching distance	30303631	56.50

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6

ISOBUS SLURRY-Controller

With **ISOBUS-TC, AUX-N** and **SECTION-Control**
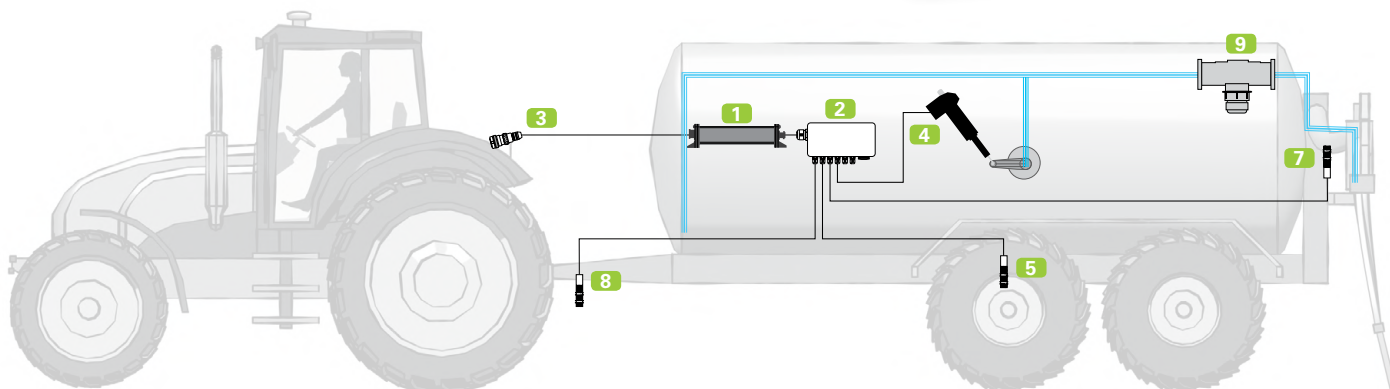
ISOBUS SLURRY-Controller		Part no.	Price €
1	ECU-MIDI 3.0 slurry tanker ISOBUS job computer	3032245301	1,091.00
	Field IQ ISOBUS *(to be ordered from the Trimble store)*	75774-20 1	1,091.00
2	Universal junction box for ECU-MIDI 3.0 , 0.6 m cable	30322470	443.00
	Universal junction box for ECU-MIDI 3.0 , 1.5 m cable	30322475	474.00
	Universal junction box for ECU-MIDI 3.0 , 2 m cable	30322471	478.00
	Universal junction box for ECU-MIDI 3.0 , 4 m cable	30322472	502.00
	Universal junction box for ECU-MIDI 3.0 , 6 m cable	30322473	536.00
	Universal junction box for ECU-MIDI 3.0 , 9 m cable	30322474	586.00
3	Connector cable, ISOBUS job computer, 1 m	3030314301	262.00
	Connector cable, ISOBUS job computer, 2.5 m	3030314601	279.00
	Connector cable, ISOBUS job computer, 4 m	3030314401	294.00
	Connector cable, ISOBUS job computer, 5.5 m	3030314801	311.00
	Connector cable, ISOBUS job computer, 6.5 m	3030314001	322.00
	Connector cable, ISOBUS job computer, 8.5 m	3030314201	344.00
	Connector cable, ISOBUS job computer, 11 m	3030314101	371.00
	Connector cable, ISOBUS job computer, 14 m	3030314701	404.00
4	Actuator (linear actuator)	302130	365.00
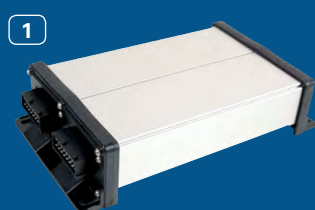
5	Sensor X for speed, 6 m cable without connector, 12 magnets	312583	60.60
6	GPS speed sensor	30258330	328.00
7	Sensor Y for work position, 5 m cable without connector, with installation equipment	312586	38.60
8	Rotational speed sensor for monitoring the pump speed, 6 m cable without connector, with installation equipment	302580	42.70
9	Magnetic / inductive flow meter, DN 100 Measurement range 0.3 - 4 cbm/min	30212611	2,545.00
	Magnetic / inductive flow meter, DN 125 Measurement range 0.4 - 6 cbm/min	30212621	2,597.00
	Magnetic / inductive flow meter, DN 150 Measurement range 0.5 - 8 cbm/min	30212631	2,676.00
	Magnetic / inductive flow meter, DN 200 Measurement range 0.8 - 12 cbm/min	30212641	3,131.00
10	Termination plug	31300580	33.30
11	Angle sensor 120° with AMP connector, without cable, with boom	30303675	145.00
12	Connector cable for sensors, 1.10 m with 3-pin AMP socket to junction box	3030329706	14.50
	Connector cable for sensors, 2 m with 3-pin AMP socket to junction box	30303294	12.50
	Connector cable for sensors, 4 m with 3-pin AMP socket to junction box	30303296	15.00
	Connector cable for sensors, 6 m with 3-pin AMP socket to junction box	30303295	16.00
	Connector cable for sensors, 8 m with 3-pin AMP socket to junction box	30303297	17.40
	Connector cable for sensors, 10 m with 3-pin AMP socket to junction box	3030329705	19.50
	Connector cable for sensors, 12 m with 3-pin AMP socket to junction box	30303298	22.00
	Connector cable for sensors, 20 m with 3-pin AMP socket to junction box	30303289	26.00

Accessories

		Part no.	Price €
13	Connector cable, main to expansion job computer, 0.3 m	30322355	108.00
	Connector cable, main to expansion job computer, 1.5 m	30322359	120.00
	Connector cable, main to expansion job computer, 3.2 m	30322358	140.00
	Connector cable, main to expansion job computer, 6.5 m	30322357	170.00
	Connector cable, main to expansion job computer, 8 m	3032235802	183.00
	Connector cable, main to expansion job computer, 10 m	30322356	204.00

9   **10**   **11**   **12**

13

SPRAYMAT II for slurry tanker
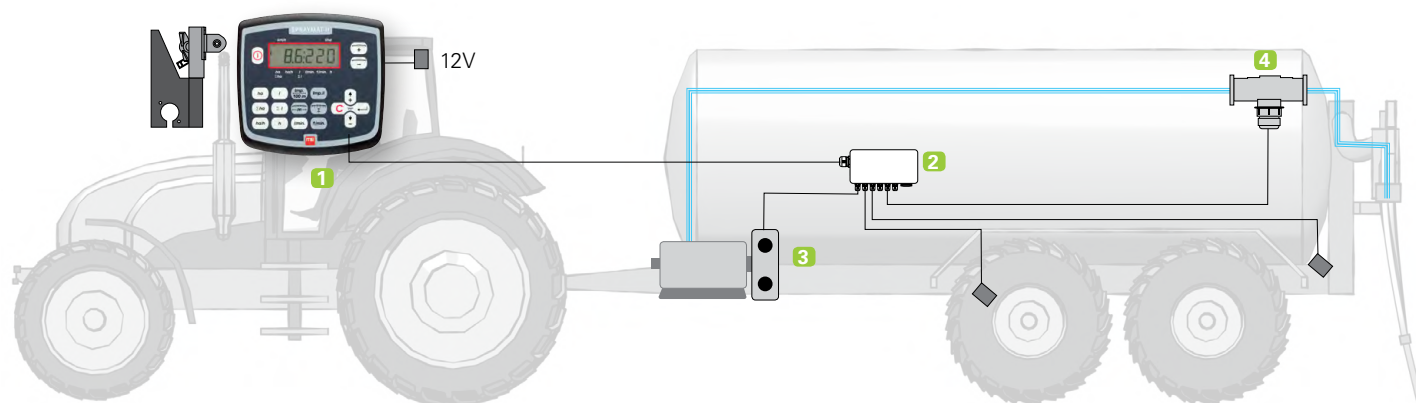
SPRAYMAT II	Part no.	Price €
1	Spraymat II – computer **with bracket**	30272010	460.00

Slurry tanker equipment, measurement of the application rate for pump drive		Part no.	Price €
2	**SPRAYMAT II equipment for slurry tankers** , junction box, sensor X wheel/drive shaft, sensor Y work position and battery cable/mounting bracket	302120	296.00
3	**NPN-M inductive sensor,** 12 x 60 mm LED, 6 m cable, 4 mm switching distance, without connector	312162	47.30

Flow meter		Part no.	Price €
4	**Magnetic / inductive flow meter, DN 100** Measurement range 0.3 - 4 cbm/min	30212611	2,545.00
	Magnetic / inductive flow meter, DN 125 Measurement range 0.4 - 6 cbm/min	30212621	2,597.00
	Magnetic / inductive flow meter, DN 150 Measurement range 0.5 - 8 cbm/min	30212631	2,676.00
	Magnetic / inductive flow meter, DN 200 Measurement range 0.8 - 12 cbm/min	30212641	3,131.00

Tractor / combine harvester harness, additional sensor technology for basic equipment		Part no.	Price €
5	**SPRAYMAT II equipment as a hectare counter** without RPM monitor, sensor Y work position with 5 m cable	302742	63.70
6	**SPRAYMAT II equipment as a hectare counter on the tractor** with 1 RPM monitoring (PTO shaft), sensor Y for work position with 5 m cable, PTO shaft RPM sensor A with 6 m cable	302743	152.00
7	**SPRAYMAT II equipment as a hectare counter on the combine harvester** with 1 RPM monitor, sensor Y for work position with 5 m cable, RPM sensor A with 12 m cable	302748	138.00
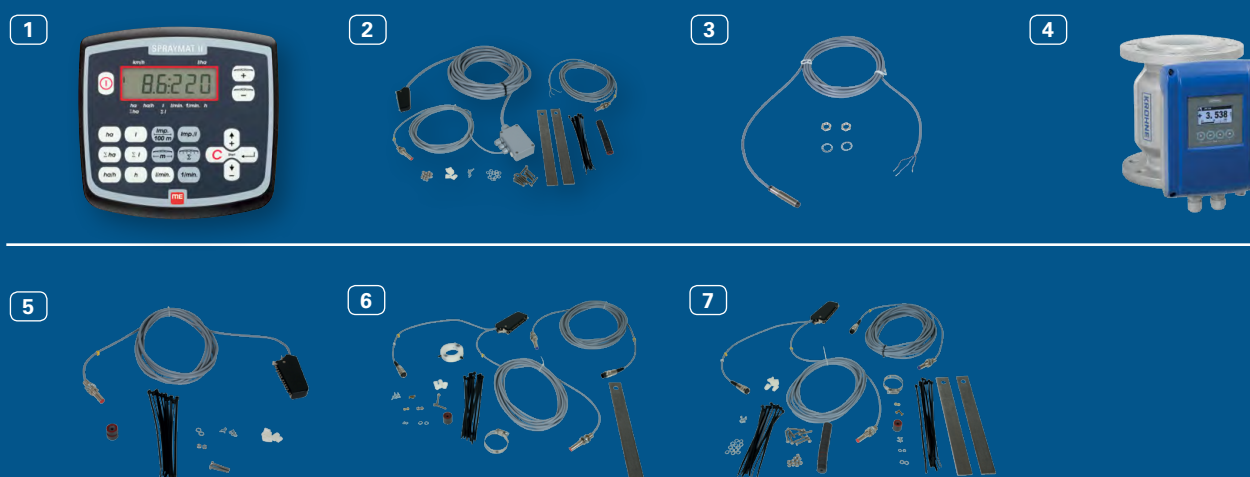
Spare parts

ISOBUS	Part no.	Price €
ISOBUS-Display bracket	31322505	13.90
VESA bracket with bolts for TOUCH terminals	31322512	17.60
ISOBUS terminal connector cable, without tractor job computer	31322550	263.00
Tractor job computer with battery cable and ISOBUS power socket	31322560	581.00
Connector cable for tractor job computer for signal socket ISO 11786	31322562	159.00
Connector cable for tractor job computer with junction box	31322567	160.00
Bracket for joystick	31302015	10.20
Connector cable for tractors with ISOBUS in-cab connector	31322541	79.90
USB memory device, 4 GB, blue, for ME terminals up to hardware version 3.0.0	3032258905	34.00
USB memory device, 4 GB, black, for ME terminals as of hardware version 3.0.0 and TOUCH1200®	3032258915	31.20
Extension cable with 9-pin Sub-D connector for ME terminal to ISOBUS basic vehicle harness	30322571	38.90
Connector cable A100/A101 with speed output for the terminal	31302457	153.00
Y cable for A100 / A101 connection to two terminals	31302459	83.50
Connector cable for A100/A101, 6 m for serial interface	31302462	87.00
Connector cable for A100/A101, 12 m for serial interface	31302468	101.00
Connector cable for AG-STAR, 6 m for serial interface	31302476	89.00
Replacement VHF radio antenna, with spring	3130248910	47.60
Replacement UHF radio antenna, with spring	3130248911	56.90
Magnetic pedestal for UHF / VHF radio antenna	3130248915	156.00
Suction bracket with mounting bracket	31302471	108.00
Suction bracket without mounting bracket	31302472	83.40
Magnetic pedestal with bolt for A100 / A101	31302466	47.80
Connector cable A320 to ME terminal with external power supply, 6 m	31302477	103.00
Mounting bracket	312075	11.50
LBS / ISO socket	31300405	109.00
LBS / ISO connector	31300400	108.00
Extension cable for ISOBUS job computer connector/socket, 2 m	3030313801	328.00
Extension cable for ISOBUS job computer connector/socket, 6.50 m	30303134	383.00
Extension cable for ISOBUS job computer connector/socket, 9.50 m	30303137	440.00

Non-ISOBUS	Part no.	Price €
Bracket	31321105	29.80
Bracket 1 Spraymat / Unimat (upper part)	312074	12.40
Bracket for SPRAYMAT II / UNIMAT II (upper part)	31322505	13.90
Connector, 20-pin	312497	30.10
Sensor Y for SPRAYMAT II//UNIMAT II hectare counter with 5 m	312742	57.40
Sensor Y for SPRAYMAT II//UNIMAT II hectare counter with 10 m	312730	64.90
S bracket with top hat rail	312226	31.80

Non-ISOBUS	Part no.	Price €
Adapter for switch boxes up to '93 to computers as of '94 (UNI-Control S / SPRAY-Control S)	312237	19.10
Tractor junction box, S Standard, with sensor X	312240	138.00
Sensor X for drive shaft or wheel, 6 m cable with 12-pin connector, without installation equipment	312265	35.20
Connector cable ISO-11786 for connection to the signal socket with a 12-pin connector	312243	77.10
Adapter cable to signal connector in accordance with DIN 9684.1 (7-pin) KHD, UNIMOG (Unicomp), FENDT, John Deere, Case-Steyr	312662	36.30
Adapter cable for FENDT signal socket (4-pin), for junction box	312660	36.30
Adapter cable for signal socket in accordance with DIN 9684.1 (7-pin) for junction box KHD, UNIMOG (Unicomp), FENDT, John Deere, Case-Steyr junction boxes, with 3-pin connector	312120	133.00
Adapter for signal socket FENDT (4-pin), with 3-pin connector	312123	135.00
Adapter for MB-Trac, with electrical km/h display and 3-pin connector	312125	118.00
Speedometer adapter UNIMOG, 5 m cable with 3-pin connector	312087	212.00
Speedometer adapter UNIMOG, 5 m cable without connector	312670	203.00
Relay circuit board for switch box with circuit board, up to 12/91, 4 relays, cable with ferrule	312308	52.50
Relay circuit board for switch box without circuit board, up to 12/91, 4 relays, stem clamp	312310	52.50
Relay circuit board for switch box with circuit board, from 01/92, 2 relays, cable with ferrule	312306	52.50
Relay circuit board for switch box without circuit board, from 01/92, 2 relays, stem clamp	312303	52.50
Neoprene cap with synthetic plate for momentary switches and switches	326680	5.00
16-pin aluminium coupling	312498	61.90
20-pin connector	312497	30.10
24-pin aluminium coupling	302470	72.40
30-pin connector with protective cap	312499	32.40
30-pin female multipoint connector (complete)	31249901	21.00
39-pin connector with protective cap	31249905	34.20
39-pin female multipoint connector (complete)	31249910	23.20
40-pin coupling	302490	92.50
64-pin coupling	31249810	132.00
Switch for switch box S2 or SPRAYDOS, can be used as section main switch, section switch, on/off switch	31247300	7.50
Switch for switch box S2 or SPRAYDOS, with center position (e.g. for foam marker)	31247305	10.30
Key for switch box S2 or SPRAYDOS for hydraulic functions (control +/-)	31247310	8.40
Switch, 2-pin, 6 A (large), section switch, ON/OFF, manual/automatic	31247350	12.90
Switch 1-pin, 6 A (large), commutator	31247355	18.90
Switch, 2-pin, 20 A (large), section main switch	31247360	13.10
Switch, 1-pin, 15 A (large), centre position	31247365	12.10
Switch 1-pin, 15 A (large), switch box ON/OFF	31247370	7.30
Momentary switch 2-pin, 10 A (large), +/- control	31247375	16.50

Sensors	Part no.	Price €
Sensor X for drive shaft/wheel, 6 m cable without connector, for junction box, without installation equipment	312600	32.50
Sensor X for drive shaft/wheel, 10 m cable without connector, for junction box, without installation equipment	312601	34.70
Sensor X for drive shaft/wheel, 6 m cable without connector, for junction box, with installation equipment	312580	53.90
Sensor X for drive shaft/wheel, 6 m cable with connector, without installation equipment	312084	35.50
Sensor X for drive shaft/wheel, 6 m cable with connector, with installation equipment	312083	54.70
Sensor X for wheel, 10 m cable with connector, without installation equipment	312086	35.50
Sensor X for wheel, 10 m cable with connector, with installation equipment with 12 magnets (trailed sprayer)	312085	60.60
Sensor X for trailed sprayer, 6 m cable without connector with 12 magnets, complete	312583	60.60
Sensor X for forwards-/backwards analysis, 12 m cable without connector, without installation equipment	312082	37.30
Sensor X for forwards-/backwards analysis, 12 m cable with connector, with installation equipment	312081	54.70
Sensor Y for work position, 5 m cable without connector, for implement junction box, without installation equipment	312606	32.50
Sensor Y for work position, 5 m cable without connector, for implement junction box, with installation equipment	312586	38.60
Sensor Y for work position, 5 m cable with connector, without installation equipment	312090	35.50
Sensor Y for work position, 5 m cable with connector, with installation equipment	312089	50.00
Rotational speed sensor, 8 m cable without connector, for machine junction box, without installation equipment	312613	32.50
Inductive sensor 12 mm, 6 m cable without connector	312162	47.30
Inductive sensor 18 mm, 6 m cable without connector	312164	53.90
Sensor X accessories bag, drive shaft	312112	25.60
Pressure gauge (LCD 4-digit) without pressure sensor	312430	77.60
Pressure gauge with key, without pressure sensor	31243010	83.90
Pressure sensor, 0 - 50 bar, 9 m cable	312428	309.00
Pressure sensor, 0 – 16 bar, 1 m cable with AMP connector	30303591	259.00
Flow meter Polmac 1″, without sensor and mounting parts	312440	253.00
TANKMETER display device	312509	242.00
Sensor for Polmac 1″, flow meter spare	312446	150.00
Sensor for Polmac 1″, flow meter spare, with AMP connector	31244610	142.00
Sensor for Polmac 2″, flow meter spare	31244710	140.00
Flow meter Polmac 1″, spare part without turbine wheel	312450	70.50
Flow meter Polmac 1″, Turbo-Flow spare part without turbine wheel	31245010	114.00
Flow meter Polmac 1″, spare turbine wheel	312451	79.70
Fan wheel for Bürkert Inline (as of 2000)	31244420	214.00
Electronics for Bürkert Inline (as of 2000)	31244415	252.00
TANK-Control display unit	31252000	516.00
TANK-Control design foil	31252100	29.10
3-pin connector (sensor)	312142	6.80
3-pin coupling socket (sensor)	312143	9.20
Battery cable, 2 x 4 qmm, 5 m cable as of 03/96, with 3-pin connector	312154	49.80
Battery cable, 2 x 4 qmm, 5 m cable with 2 sockets	31215450	88.30
Line connector, 4 qmm, 25 A	31320910	10.70

Sensors	Part no.	Price €
Line connector, 6 qmm, 50 A	31320915	29.50
Magnet with screw V2A	312140	2.00
Clamp, 27/51 mm with 1 magnet for drive shaft	312136	10.90
Clamp, 50/70 mm with 1 magnet for drive shaft	312137	11.40
Clamp, 27/51 mm with 2 magnets for RPM monitoring	312139	14.40
PTO shaft plate, complete with magnet and screw	312135	23.10
Installation power socket from 1/91 for battery cable (socket)	312156	14.20
Equipment connector from 1/91 for computer (tacks)	312157	11.50

Cabling	Part no.	Price €
Connector cable for sensors, 1.10 m with 3-pin AMP socket to junction box	3030329706	14.50
Connector cable for sensors, 2 m with 3-pin AMP socket to junction box	30303294	12.50
Connector cable for sensors, 4 m with 3-pin AMP socket to junction box	30303296	15.00
Connector cable for sensors, 6 m with 3-pin AMP socket to junction box	30303295	16.00
Connector cable for sensors, 8 m with 3-pin AMP socket to junction box	30303297	17.40
Connector cable for sensors, 10 m with 3-pin AMP socket to junction box	3030329705	19.50
Connector cable for sensors, 12 m with 3-pin AMP socket to junction box	30303298	22.00
Connector cable for sensors, 20 m with 3-pin AMP socket to junction box	30303289	26.00
Angle sensor 30° with AMP connector, without cable, with boom	30303672	149.00
Angle sensor 60° with AMP connector, without cable, with boom	30303673	149.00
Angle sensor 120° with AMP connector, without cable, with boom	30303675	145.00
Gyroscope without bracket	31303160	225.00
Bracket for gyroscope	31303161	20.40
Sensor X for drive shaft or wheel, 1 m cable with AMP connector, without installation equipment	31302006	36.90
Sensor Y, 1 m cable with AMP connector without installation material	31302506	31.60
Inductive sensor 12 mm, 1 m cable with AMP connector, 4 mm switching distance	30303625	52.40
Inductive sensor 18 mm, 1 m cable with AMP connector, 8 mm switching distance	30303631	56.50
Level sensor, 1 m cable with AMP connector	30303650	114.00
Ultrasonic sensor for boom control	30217518	320.00
Cap for 42-pin connector to cable harness	31300554	6.00
AMP connector, 2-pin, for sensor	31300560	5.10
AMP socket, 2-pin, for sensor	31300570	6.20
AMP dummy connector, 2-pin (on cable harness)	31300539	3.80
AMP connector, 3-pin, for sensor	31300561	5.30
AMP socket, 3-pin, for sensor	31300571	6.40
AMP dummy connector, 3-pin (on cable harness)	31300540	2.70
AMP connector, 4-pin, for sensor	31300562	6.10

Cabling		Part no.	Price €
AMP socket, 4-pin, for sensor		31300572	6.50
AMP dummy connector, 4-pin (on cable harness)		31300541	3.40
AMP connector, 5-pin, for sensor		31300563	5.60
AMP connector, 42-pin, complete, for job computer		31300545	40.70
AMP socket casing, 16-pin, complete, for job computer		31300552	36.90
Service case	NET	30309980	112.00
Crimping pliers and dent-levelling tool	NET	30309990	492.00
Test device for cable harness	NET	30309960	140.00
Test device for Sensor Super Seal connector	NET	30309950	87.00

Solenoid valve/manifold spare parts	Part no.	Price €
Free-wheeling diode solenoid valve	312399	4.30
ARAG section valve	31236110	141.00
ARAG control valve, flow up to 160 l/min.	31236115	158.00

Notes

Notes

MÜLLER ELEKTRONIK®

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