



Multi-purpose products

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Wide range of hectare counters and controlling monitors for various applications allowing the display of various functions such as: treated area, distance covered, machine advancing speed, RPM, working hours, etc.





MCK 1300 MULTI-FUNCTION SPEED INDICATOR

cod 00MON-MCK1300-0003

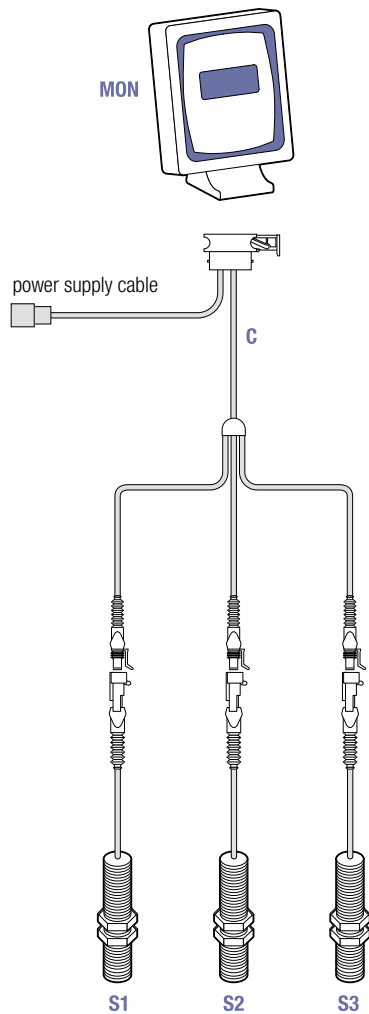
The MCK 1300 speed indicator is a small sized high performance monitor suitable for various uses that are required on most farming equipment. This unit monitors parameters such as: worked area, speed in km/h, RPM and features seed limited supply alarm function and counter. Thanks to the wide range of available kits and since it is fully programmable, this item can be ordered along with the sensors required for the specific application.

DISPLAYED VALUE READINGS

Settings	•
Working hours	•
Total area worked	•
Partial area worked	•
Speed in km/h	•
RPM	•
Fertilizer/seed limited supply alarm	•

TECHNICAL SPECIFICATIONS

Power supply voltage	10 ÷ 16 Vdc
Max. current absorption	up to 0,5 A
Operating temperature	-20° +75° C
Storing temperature	-25° +85° C
Protection rating	IP65
Mechanic resistance	2 g
Housing material	frame: black ABS; box: grey ABS
Dimensions	114 x 134 x 85 mm
Installation	external employing dedicated bracket
Technical specs ref.	ST 2758
Project regulation	ISO 14982

**SUPPLIED KIT****1 sensor: hectare counter**

cod 00KIT-MCK1300-0001

REF.	DESCRIPTION	CODE
MON	speed indicator MCK 1300	00MON-MCK1300-0002
C	wiring 1 sensor	00CAB-MCK1300-0001
S1	magnetic sensor	00SEN-SEMAGND12-1987

SUPPLIED KIT**2 sensors: hectare counter + RPM indicator**

cod 00KIT-MCK1300-0002

REF.	DESCRIPTION	CODE
MON	speed indicator MCK 1300	00MON-MCK1300-0002
C	wiring 2 sensors	00CAB-MCK1300-0001
S1	proximity sensor	00SEN-SENPROXD18-0001
S2	magnetic sensor	00SEN-SEMAGND12-1987

SUPPLIED KIT**3 sensors: hectare counter + Rpm indicator + seed level indicator**

cod 00KIT-MCK1300-0003

REF.	DESCRIPTION	CODE
MON	speed indicator MCK 1300	00MON-MCK1300-0002
C	wiring 3 sensors	00CAB-MCK1300-0001
S1	proximity sensor	00SEN-SENPROXD18-0001
S2	magnetic sensor	00SEN-SEMAGND12-1987
S3	seed level sensor	00SEN-SECAPD18-2025





MCK 3000 HECTARE COUNTER

cod 00MON-MCK3000-0004

The MCK 3000 hectare counter is especially suitable for combine harvesters since it is fitted with a partitioning key to be used when the equipment harvests employing a partial boom (boom fourths, calculation is carried out with 1/4, 2/4, 3/4 or full boom). The unit also displays the distance covered, km/h rate and operating hours.

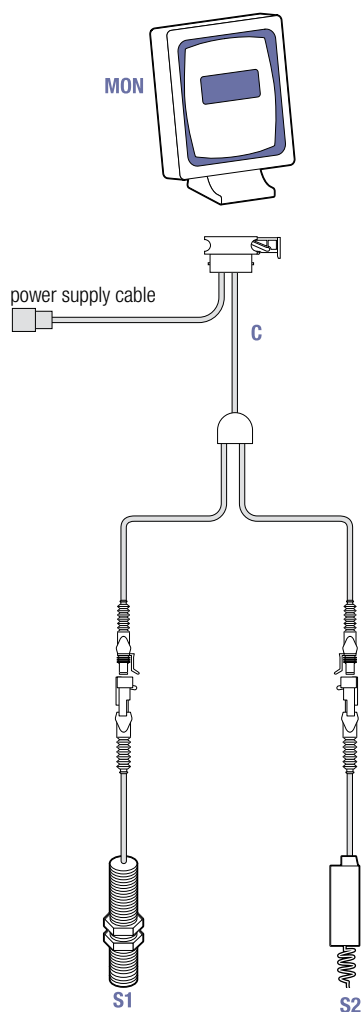


**TECHNICAL SPECIFICATIONS**

Power supply voltage	10 ÷ 16 Vdc
Max. current absorption	up to 0,5 A
Operating temperature	-20° +75° C
Storing temperature	-25° +85° C
Protection rating	IP65
Mechanic resistance	2 g
Housing material	frame: black ABS; box: grey ABS
Dimensions	114 x 134 x 85 mm
Installation	external employing dedicated bracket
Technical specs ref.	ST 2609
Project regulation	ISO 14982

DISPLAYED VALUE READINGS

Settings	•
Working hours	•
Total area worked	•
Partial area worked	•
Speed in km/h	•
Distance covered	•
Ha/h	•
Area partition 4 sections	•

**SUPPLIED KIT for combine harvester_cod 00KIT-MCK3000-0003**

REF.	DESCRIPTION	CODE
MON	hectare counter MCK 3000	00MON-MCK3000-0004
C	wiring 4 mt	00CAB-MCK3000-0006
S1	speed sensor Ø 18	00SEN-SEPROXD18-0481
S2	mechanic spring sensor	00SEN-SEMECMOLL-0001



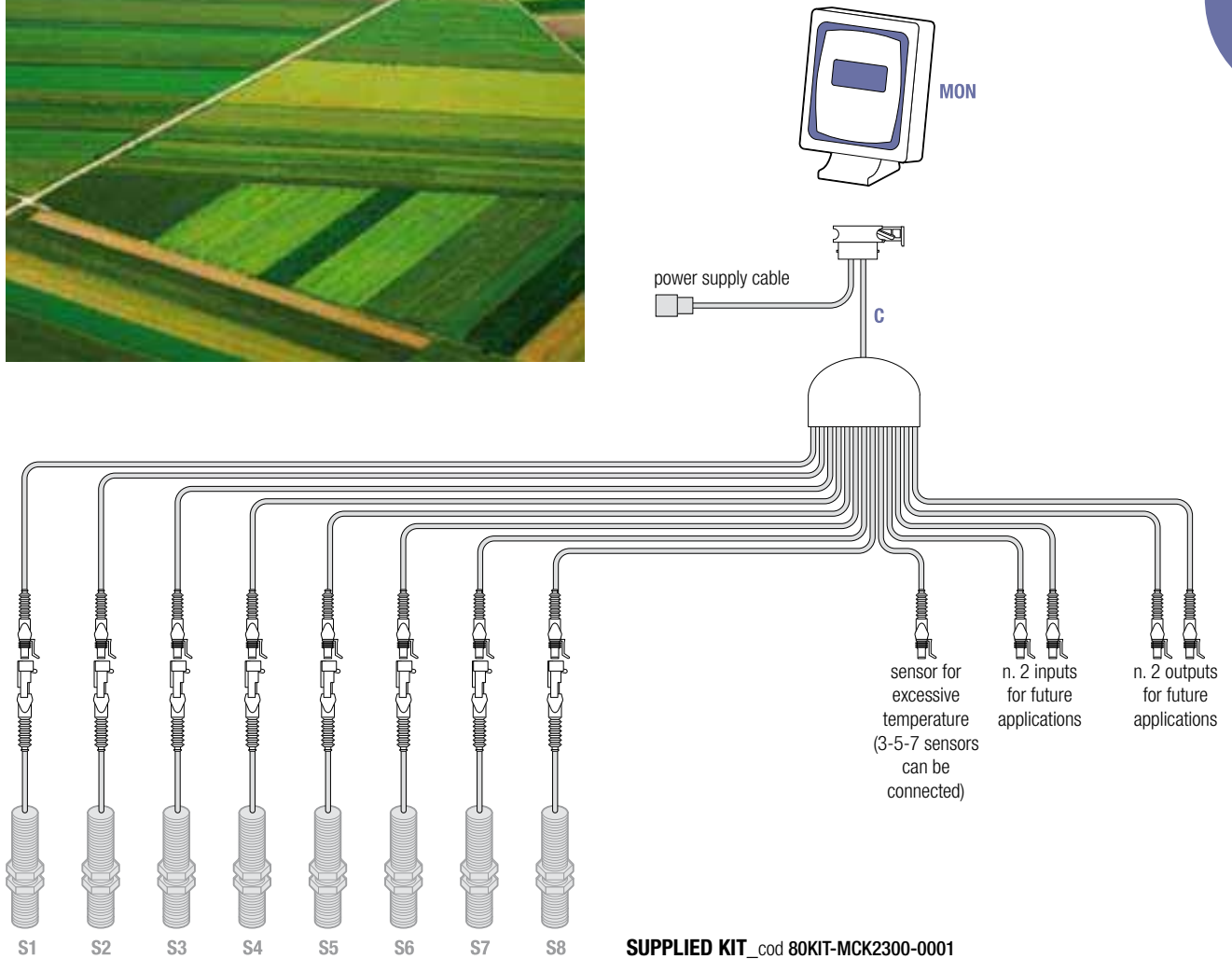


MCK 2300 CLUTCH CONTROL MONITOR

cod 00MON-MCK2300-0005



The MCK 2300 monitor controls up to seven rotating shafts of any operating equipment at the same time. To prevent damage to the equipment, an alarm buzzer is triggered when any shaft is lower than the set threshold. To further prevent equipment damage, the unit also displays high-temperature triggered alarms (ON/OFF) which are usually inserted into the gearboxes.



SUPPLIED KIT_cod 80KIT-MCK2300-0001

REF.	DESCRIPTION	CODE
MON	monitor MCK 2300	80MON-MCK2300-0001
C	wiring MCK 2300	80CAB-MCK2300-0001

on request

S1 S2 S3 S4 S5 S6 S7 S8	speed sensors	00SEN-NPND18-2573
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DISPLAYED VALUE READINGS

Settings	•
Working hours	•
Total area worked	•
Partial area worked	•
Speed in km/h	•
Scheduled maintenance	•
RPM alarm control	n. 7
Temperature alarm control	•
Alarm for excessive lifting	n. 1
Alarm for excessive steering	n. 1

TECHNICAL SPECIFICATIONS

Power supply voltage	10 ÷ 16 Vdc
Max. current absorption	up to 1 A
Operating temperature	-20° +75° C
Storing temperature	-25° +85° C
Protection rating	IP65
Mechanic resistance	2 g
Housing material	frame: black ABS; box: grey ABS
Dimensions	114 x 134 x 85 mm
Installation	external employing dedicated bracket
Technical specs ref.	ST 2639
Project regulation	ISO 14982



MC 3000 A/B HECTARE COUNTER FOR SEED DRILL

(A) external battery

cod 00MON-MC3000A-0006

(B) inner battery

cod 00MON-MC3000B-0006

The MC 3000 compact (100x50 mm) hectare counter is employed mostly with mechanic or pneumatic seed drills to control partial and total treated areas. Two values are set for calibration: operating width and wheel circumference. Two versions are available: the MC 3000 A version which is connected to the tractor's battery and the MC 3000 B version with batteries included in the hectare counter housing (battery life of approx. 5 years to 200 hours/year).



**SUPPLIED KIT with magnetic sensor, external power supply**

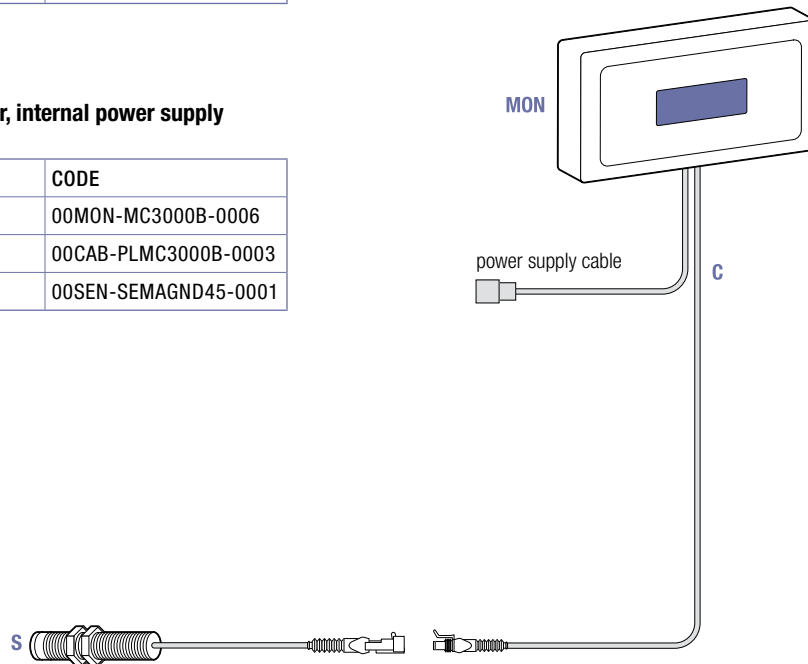
cod 00KIT-MC3000-0001

REF.	DESCRIPTION	CODE
MON	hectare counter MC 3000 A	00MON-MC3000A-0006
C	wiring	00CAB-PLMC3000A-0003
S	magnetic sensor with 2 mt wiring	00SEN-SEMAGND45-0001

SUPPLIED KIT with magnetic sensor, internal power supply

cod 00KIT-MC3000-0002

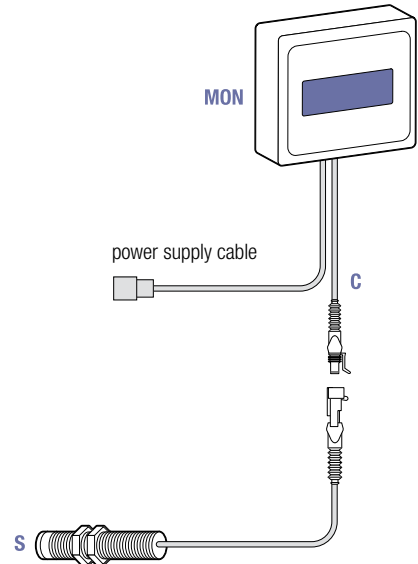
REF.	DESCRIPTION	CODE
MON	hectare counter MC 3000 B	00MON-MC3000B-0006
C	wiring	00CAB-PLMC3000B-0003
S	magnetic sensor with 2 mt wiring	00SEN-SEMAGND45-0001

**DISPLAYED VALUE READINGS**

Settings	•
Total area worked	•
Partial area worked	•

TECHNICAL SPECIFICATIONS

Power supply voltage version A	10 ÷ 16 Vdc
Max. current absorption	up to 0,1 A
Operating temperature	-20° +75° C
Storing temperature	-25° +85° C
Protection rating	IP65
Mechanic resistance	2 g
Housing material	black ABS
Dimensions	100 x 50 x 40 mm
Installation	flush-mount
Technical specs ref.	ST 2615
Project regulation	ISO 14982
battery life (200 hours/year)	5 years



MCH 300 HECTARE COUNTER

cod 00MON-MCH300-0007

This unit offers the same features of the MC 3000 hectare counter, but is enclosed in a square housing and available only powered by the tractor's battery.

SUPPLIED KIT_cod 00KIT-MCH300-0001

REF.	DESCRIPTION	CODE
MON	hectare counter MCH 300	00MON-MCH300-0007
C	wiring	00CAB-PLMC3000-0003
S	magnetic sensor with 2 mt wiring	00SEN-SEMAGND12-0001

DISPLAYED VALUE READINGS

Settings	•
Total area worked	•
Partial area worked	•



TECHNICAL SPECIFICATIONS

Power supply voltage	10 ÷ 16 Vdc
Max. current absorption	up to 0,1 A
Operating temperature	-20° +75° C
Storing temperature	-25° +85° C
Protection rating	IP65
Mechanic resistance	2 g
Housing material	frame: black ABS; box: grey ABS
Dimensions	75 x 75 x 40 mm
Installation	flush-mount
Technical specs ref.	ST 2759
Project regulation	ISO 14982



MC 150 HM HECTARE COUNTER

magnetic sensor

cod 00MON-MC150HM-2901

built-in vibration sensor

cod 00MON-MC150HM-4252

Simple multipurpose hectare counter supplied with long life internal batteries. Two models are available: one model operates using a sensor to be installed on the operating unit, the other is a vibrating unit that can be installed on the equipment. Operating hours are calculated when impulses are received by the sensors. The counter features a standby power savings function when the unit is not being used. Regardless of calculated hours, maximum duration is of about five years.

TECHNICAL SPECIFICATIONS

Internal lithium battery	3 Vdc
Duration (200 working hours / year)	5 years
Operating temperature	-20° +75° C
Storing temperature	-25° +85° C
Protection rating	IP67
Mechanic resistance	2 g
Housing material	black ABS
Dimensions	100 x 50 x 40 mm
Installation	external employing dedicated bracket
Technical Specs ref.	ST 2248
Project regulation	ISO 14982

DISPLAYED VALUE READINGS

Working hours	•
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SUPPLIED KIT with magnetic sensor_cod 00KIT-MC150HM-0001

REF.	DESCRIPTION	CODE
MON	hectare counter MC 150 HM	00MON-MC150HM-2901
S	magnetic sensor with 2 mt wiring	00SEN-SEMAGND12-1987



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