



# Abridged Operating Instructions Artemis II

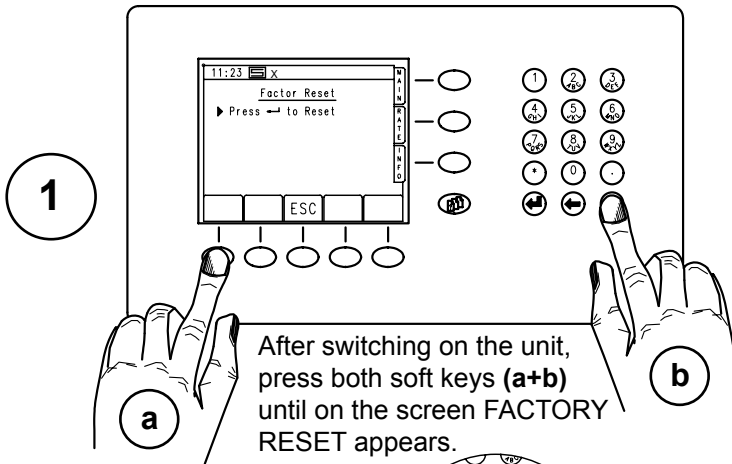
for control SW: 810 - 000 Rev. 006  
Order No.9900.01.12GB01

## Reset

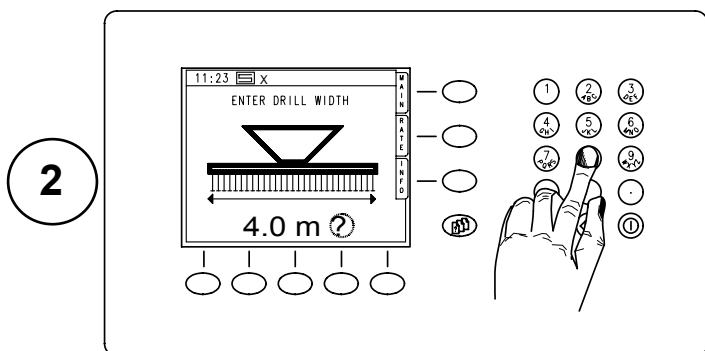
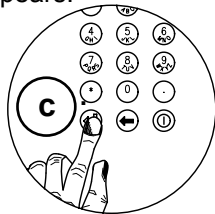
It is recommended to RESET the original factory settings (standard values) before the initial operation.

### Standard Values after RESET is carried out.

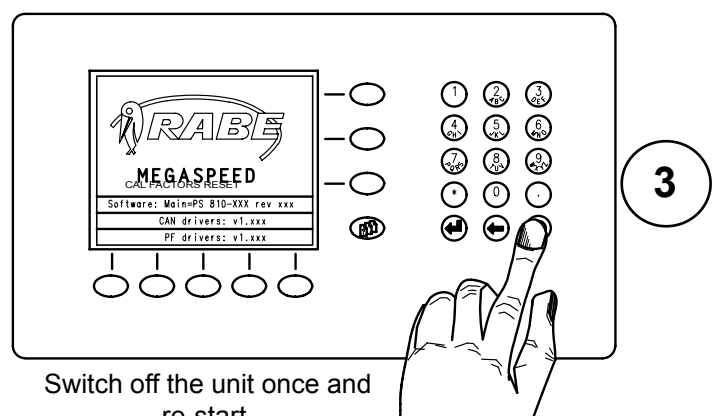
Working Width	3 m / 4 m / 4,5 m
Tramline Rhythm	4,0
Seed Rate in	kg/ha
Speed Sense Factor (Radar Factor)	0,00778
m/Impuls (Radar Faktor)	
Warning Delay	18 Sek.
Over/Under Quantity Steps	5%
Calibration Speed	8 km/h
Calibration Area	0,025 ha /1/40 ha
Pre-Start X	5 Sek.
Pre-Start Y	5 Sek.
Using Fan min.	2500 RPM
Using Fan max.	3800 U/min.
Using Fan absolute max.	4500 U/min.
Drive Motor ratio	50
Imp/Rev. Using Fan	1
Imp/Rev. Drive Motor	100
Normal Seeds	0,430 kg/m.wheel rev.
Small Seeds	0,016 kg/m.wheel rev.
Nudge Calibration Factor (nudge)	0%



Always press (c) ENTER to confirm



Specify the working width of the seed drill



Switch off the unit once and re-start.

**Note: After every RESET the tramline rhythm and distributor head must be re-adjusted.**

# Working with the Control Program

1

“MAIN” Main Screen

Main Operation Data

Pre-Start Metering Wheel Stop    Vacant    Tramline Counting Stop    Manual Tramline Correction

2

“RATE” Seed Rate Screen

Seed Rate

Under Quantity    Over Quantity    Current Seed Rate

3

“INFO” Screen

Hectare Counter Reset  
Press RESET (a) to reset the area. Confirm with YES (b) or No.

a    b

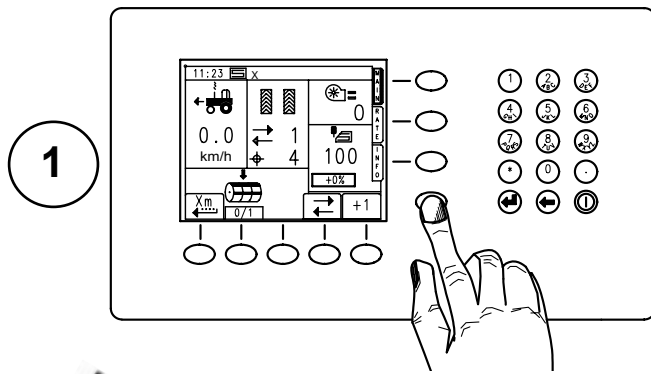
4

Alarm Screen

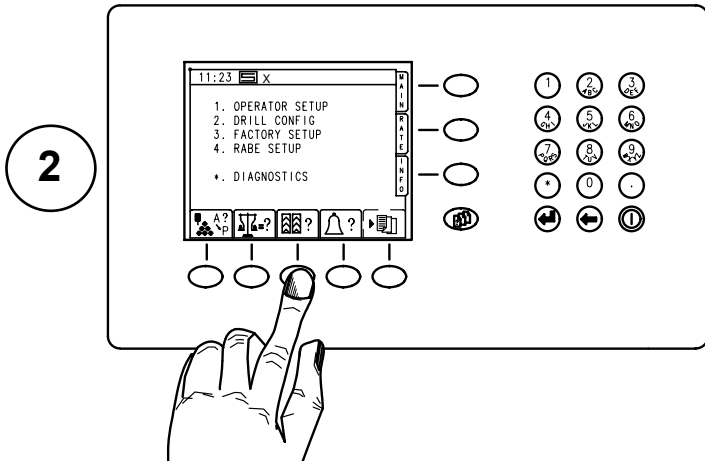
Hopper Low Level A warning message is generated before the hopper runs empty. By pressing the RESET button the warning signal is transferred to the background of the screen.



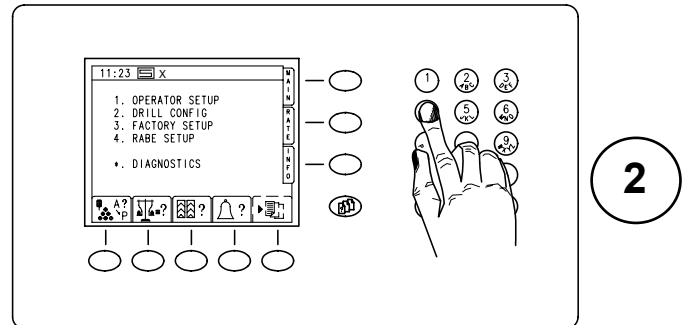
# Settings



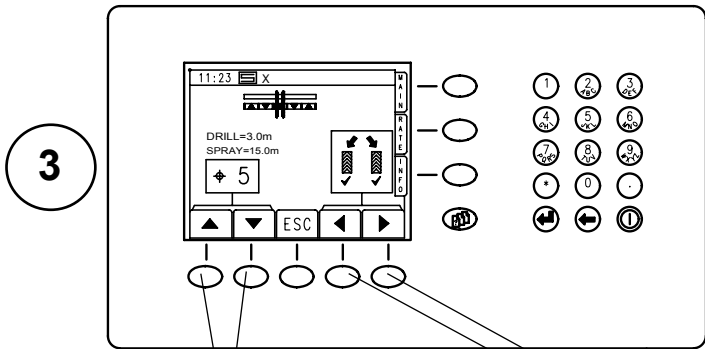
## Tramline Settings



## Distributor Head Settings

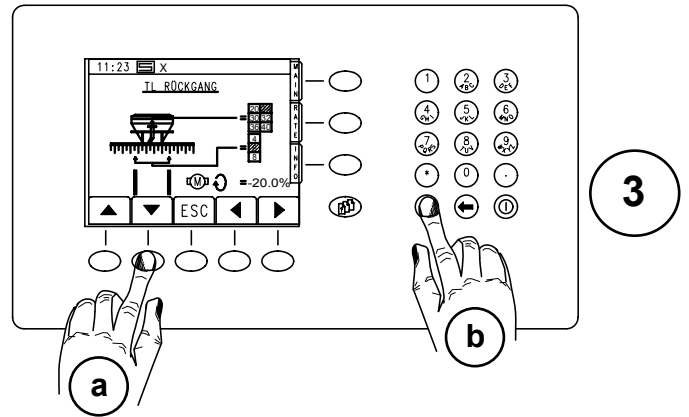


Press two times button 4 to set the distributor head.



Select Tramline Rhythm

Track Option  
 - left  
 - both  
 - right

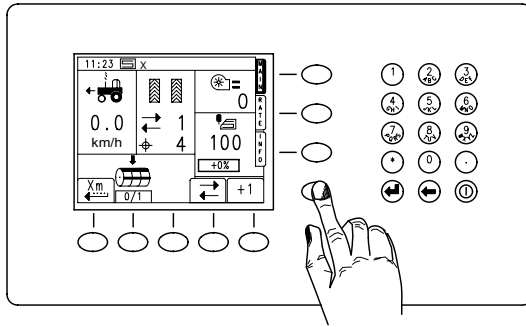


Select the correct values and confirm with ENTER (b)

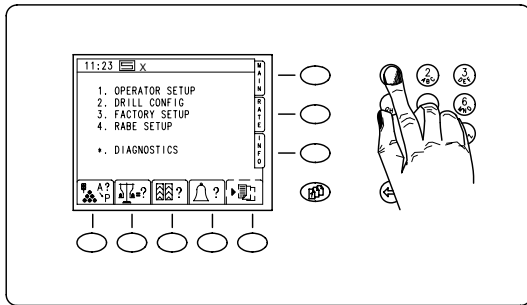
The example pictures a distributor head with 24 outlets and 2 x 3 rows closed

## Ground wheel / Radar Settings

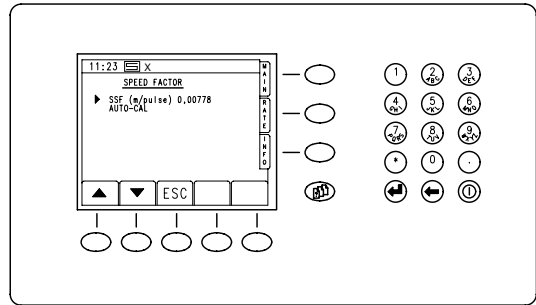
1



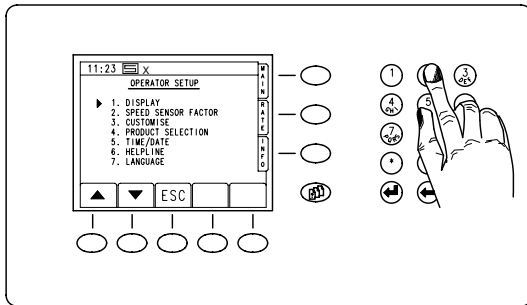
2



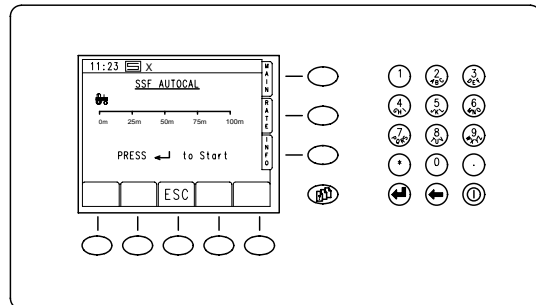
4




3

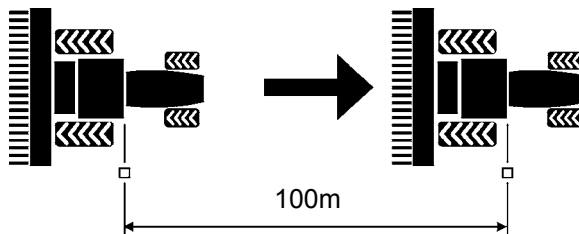


5



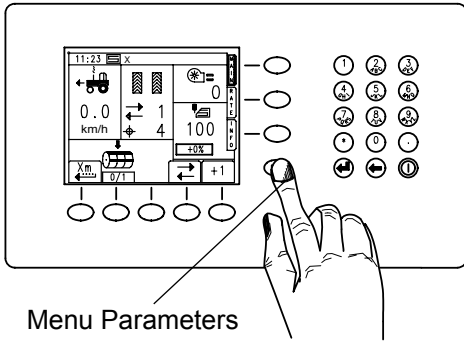
### Speed Sensor Factor

The Speed sensor factor is the actual route covered between two impulses from the shaft decoder. The value can be entered also directly. But calibration of the ground wheel / radar is the most precise way in all cases. Measure a stretch of land 100 meter long and mark the distance of 100 m. At the end of the stretch of ground, stop the machine and press ENTER  once more. The value is automatically calculated and displayed.



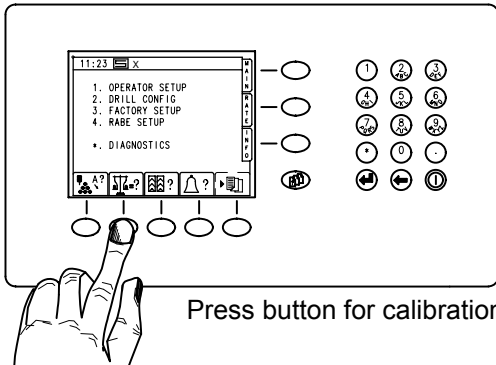
# Calibration Test

1



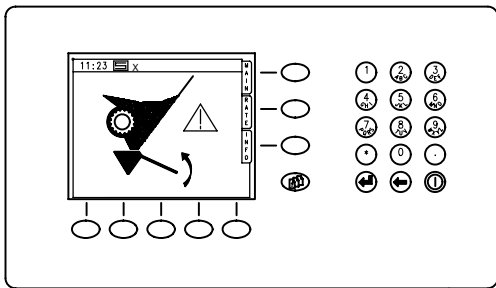
Menu Parameters

2



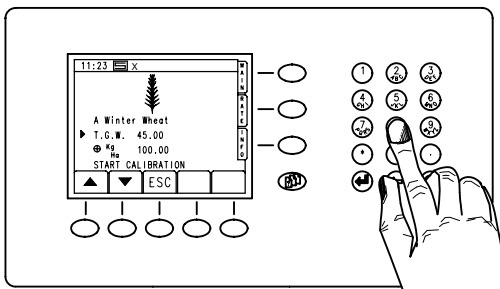
Press button for calibration

3



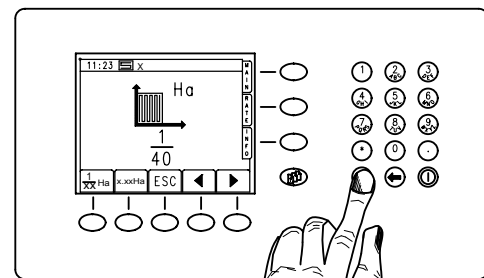
Open the calibration flap on the metering unit

4



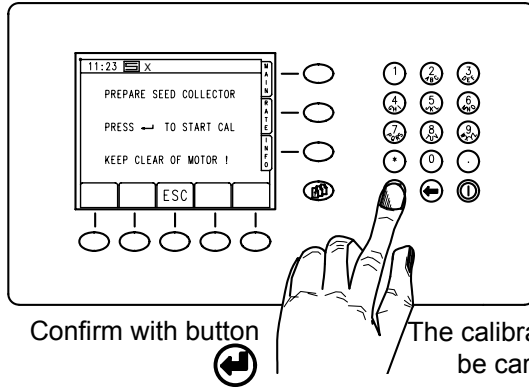
- Enter the required seed rate in kg and move the cursor to start CALIBRATION

5



Select the calibration area with button

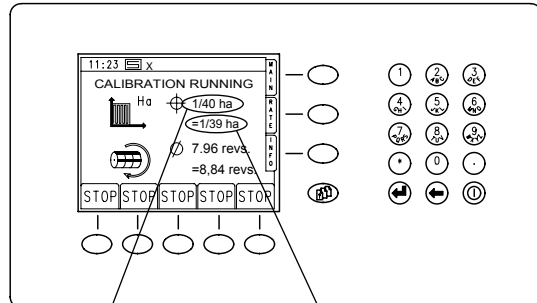
6



Confirm with button

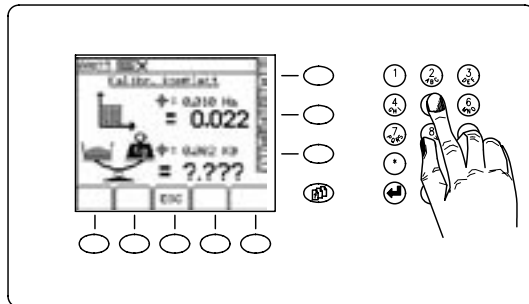
The calibration test will be carried out.

7



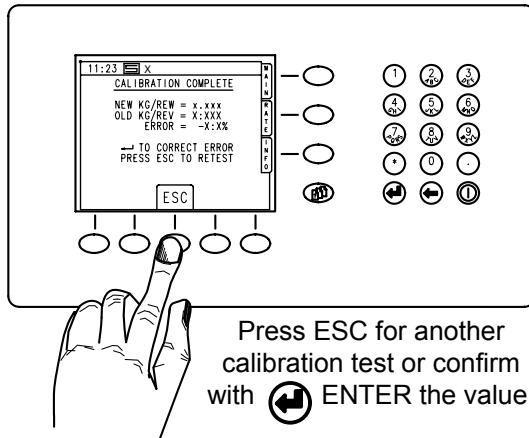
The desired and the calibrated area appears on the display

8



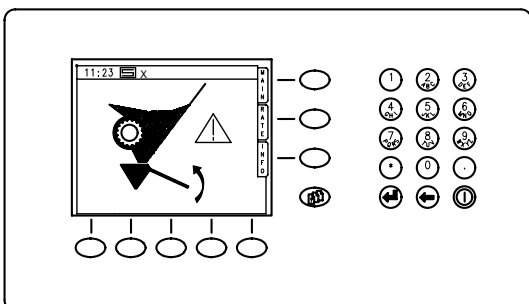
Now the calibration sample should be weighed and the new weighed weight entered in (x.xxx) kg.

9



Press ESC for another calibration test or confirm with ENTER the value.

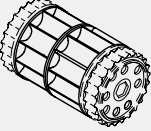
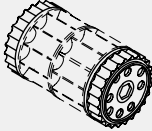
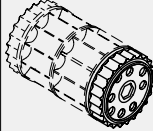
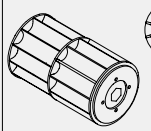
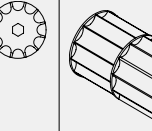
10



Close the calibration flap on the metering unit. The calibration test is now completed.



## Seed wheel settings for pneumatic seed drills with hydraulic fan drive

Seed Variety	Seed wheels					Bottom flap position	Fan setting
	Standard seed wheels			Coarse seed wheel (100% filled) Order No. 9001.24.30	Coarse seed wheel (50% filled) Order No. 9001.24.31		
	Coarse seed wheel engaged	2 small seed wheels engaged	1 small seed wheel engaged				
							
Wheat	<b>X</b>			<b>O</b>	<b>O</b>	1	N
Barley	<b>X</b>			<b>O</b>		1	N
Rye	<b>X</b>			<b>O</b>	<b>O</b>	1	N
Triticale	<b>X</b>			<b>O</b>	<b>O</b>	1	N
Oats	<b>X</b>			<b>O</b>	<b>O</b>	1	N
Spelt (Grain)	<b>X</b>			<b>O</b>		1	N
Oil seed rape		<b>X I</b>	<b>O I</b> (<2,5kg/ha)		<b>O I</b>	2	R
Foder rape		<b>O I</b>			<b>X I</b>	2	R
Red clover		<b>O I</b>			<b>X I</b>	1	R
Lucerne	<b>O</b>				<b>X</b>	1	R
Turnips		<b>X I</b>	<b>O I</b>			1	R
Lupins	<b>O I</b>			<b>X I</b>		3	N
Mustard	<b>O I</b>				<b>X I</b>	1	R
Radish	<b>O I</b>				<b>X I</b>	1	R
Phacelia		<b>O</b>			<b>X</b>	1	R
Vetches	<b>X</b>			<b>O</b>		1	N
Grass seed	<b>X</b> (>20 kg/ha)	<b>O</b> (<12 kg/ha)			<b>O</b> (>10 kg/ha)	1	N/R*
Peas	<b>O I</b>			<b>X I</b>		4	N
Beans	<b>O I</b>			<b>X I</b>		4	N
Flax	<b>O</b>				<b>X</b>	1	N
Linseed					<b>X</b>	1	R
Sunflower		<b>O I</b>			<b>X I</b>	2	N
Soja	<b>O I</b>			<b>X I</b>		3	N

**X** Standard setting

**O** Use possible

**I** without agitating fingers

Fan rpm		
Fan setting	up to 3m	> 3m
Normal ( <b>N</b> )	3000	3500
Reduced ( <b>R</b> )	2300	2800

\* Use the reduced fan drive setting (R) for seed rates below 20 kg/ha. The kg/ha figures are only approximate