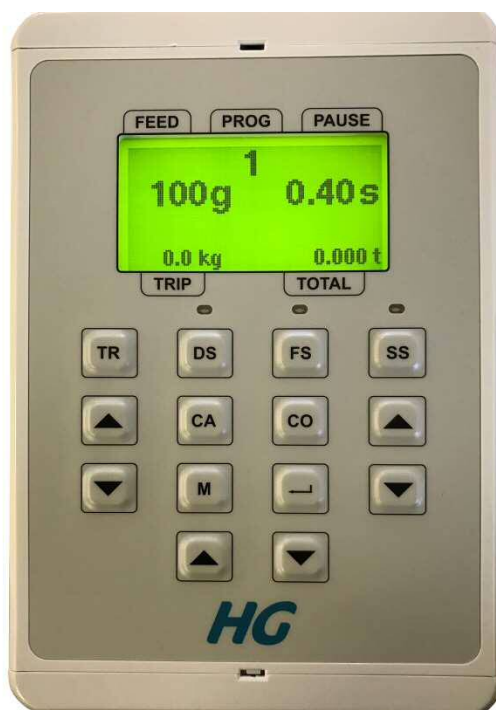




USER MANUAL



HG Feeding Computer



HG Feeding Computer

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1 Safety

Read the manual

The machine operator must read this manual carefully and receive training in the machine's functions before starting to work with it.

If operators are ignorant of certain details, they may be at risk of physical injury when operating the machine.

If any of the warning labels are about to fall off – or so worn or damaged that the symbol is not clearly visible, the label in question must be replaced.

1.1 Use

- ◆ The computer may only be used in industrial contexts for processing mink, i.e. with the objective of adding feed on cages
- ◆ Operators must be over 18 years of age, in good health with normal mobility and physical attributes.

1.2 Training

- ◆ Before starting to work with the machine, operators must read the instructions in this manual carefully and familiarise themselves with the correct operating procedure - in consultation with an experienced instructor, if appropriate.
- ◆ Such instruction should emphasise:
 - 1) The need to be careful, thorough and focused when working with the machine.
 - 2) Ensuring that the operator maintains a good overview of the area around the machine.
- ◆ The operator is responsible for any and all accidents and/or dangerous situations that may arise in respect to other people.

The most common causes of accidents are:

- 1 Lack of concentration.
- 2 Operators who are insufficiently familiar with the machine.

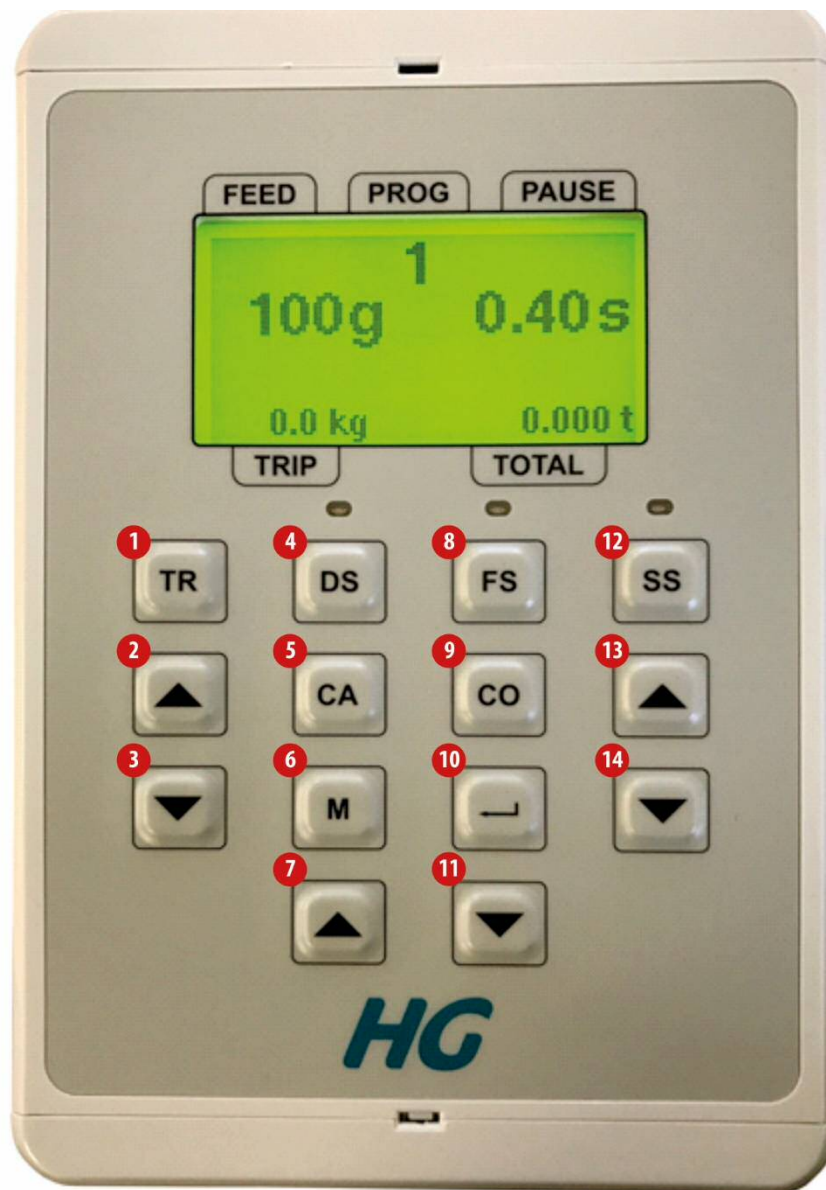
1.3 Positioning, spatial requirements, etc.

- ◆ The computer must be positioned on the feeding machine in a readily accessible place during operation.
- ◆ When cleaning/washing the feeding machine, protect the computer against direct water splash.

1.4 Dismantling/Disposal

When the time comes to dispose of the computer, contact your local dealer to ensure that the machine is dismantled and disposed of in the most environmentally appropriate manner.

2 Computer functional buttons



- | | |
|---------------------|-----------------------------------|
| 1 Trip reset | 8 Feed Start up/down |
| 2 Portion size up | 9 Constant running with feed pump |
| 3 Portion size down | 10 Enter |
| 4 Drip Stop on/off | 11 Program number down |
| 5 Calibrate | 12 Slow Start on/off |
| 6 Menu | 13 Delay time up |
| 7 Program number up | 14 Delay time down |

2.1 Computer functional screens



Press menu and Portion Type will appear, choose between gram and % with the menu button select with enter. When the top line is highlighted, use arrow up to reach next menu. The minimum amount to add is 5 gram.



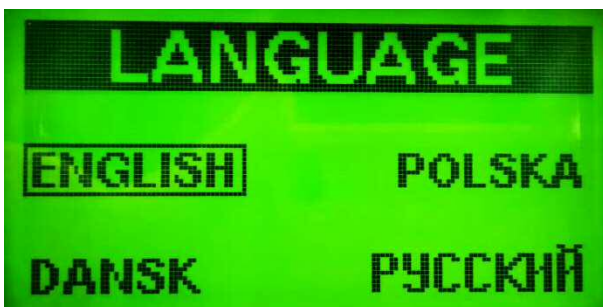
Slow start:
Used if more time is wanted during the first portions. Enter number of cages (1 to 10) and Delay time (0,01 to 1 second). Switch the function on and off using the SS button. The function is on when the blue light is shown. Choose by pressing the menu button, change value with up/down buttons. Press enter to return to operational screen.



Check the sensor.
Press the pedal when the machine is started. The display will show the speed on the feeding pump, the amount of signals for each rotation on the sensor and how many signals missing, if any.



Drip Stop:
Used if feed comes out when the pedal is not activated. **Pump rewind** (1 to 10). **Delay** (the time the pedal is released) (0,50 to 10 seconds). The function is on when the blue light is shown. Choose by pressing the menu button, change value with up/down buttons. Press enter to return to operational screen.



Language.
Choose by pressing the menu button, select by pressing enter.



Feed Start: Used to compensate for pressure loss in the feeding pipe between stops. **Xtra Feed** (10 to 500gram). **Delay** (the time the pedal is released) (1 to 10 seconds). The function is on when the blue light is shown. Choose by pressing the menu button, change value with up/down buttons. Press enter to return to operational screen.

FUNCTION

2.2 CALIBRATE

The machine has to be started and ready to use before starting this function.



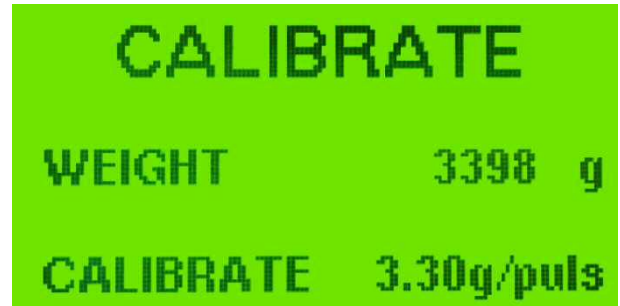
Calibrate: Important to ensure correct portion size.
Press the CA button: The pump will start for adding pressure in the feeding pipe, then a short brake.



The screen changes automatically and makes a portion that needs to be weighed.



The screen changes automatically.
The weight of the portion has to be entered, use up/down buttons to achieve the correct amount and press enter.



The screen shows weight and amount of feed for each signal from the sensor for a short while. Then it changes automatically to the startup screen.

2.3 Constant feeding

The machine has to be started and ready to use before starting this function.



Constant: Press the CO Button. The pump will start and run until the CO Button is pressed again. The counters will update when the pump is stopped.

3 Cleaning

WARNING! You MUST disconnect the power to the computer.

Cleaning

Use a moist cloth to clean the surface. **Never** use direct water splash against the computer.

4 Troubleshooting

Problem	Possible cause	Solution
Computer will not start.	Emergency stop activated, no power supply.	Check all emergency stop, power connection and fuse.
Error is shown in the display.	The feeding pump is blocked or the sensor is counting the wrong way.	Remove fragments from the pump. Go the Check menu and press the menu button until the computer reboots.
Computer will not give any portion .	The switch is not set to auto, the switch in the pedal is broken.	Check the manual/auto switch is set to auto. Check there is -0 volt in the pedal output.

5 Technical data

HG Feeding Computer

Dimensions and weight	
Width	125 mm
Length	190 mm
Height	42 mm
Weight	500 g

Electricity	
Voltage	12 V dc
Fuses	10 A
Connection	6 pin Deutsch plug and 8pin M12 for sensor

Deutsch plug.	
1 12V dc	+
2 0 V dc	-
3 0 V dc	signal to pump rewind
4 0 V dc	signal to pump forward
5 0 V dc	signal from pedal
6 0 V dc	signal to valve for water

6 Warranty conditions

HG Feeding Computer comes with a 12-month warranty.

Defective parts will be replaced if the fault is attributable to a manufacturing error. Faults and defects attributable to shipping are not covered by this warranty.

In the event of incorrect operation of the HG Feeding Computer, no warranty coverage shall apply to damage to either the computer or machine.

7 EU Declaration of conformity

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Hereby declares that:

HG Feeding Computer
HG item no. 250015

conforms with:

· The EMC Directive 2014/30/EU

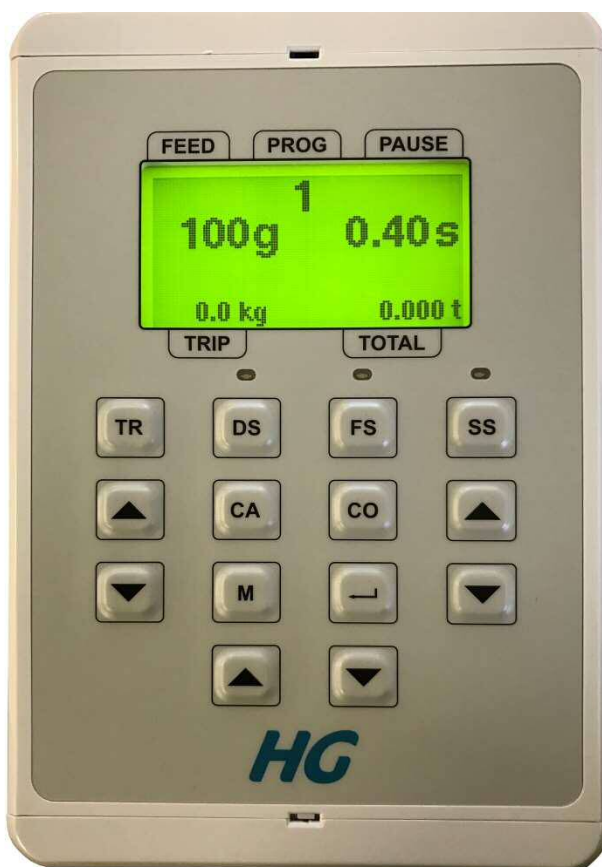
under application of the following harmonising standards:

- DS/EN 55024-2010
- DS/EN 61000-6-1:2007
- DS/EN 61000-6-3:2007

Hedensted, 15 October 2014



Jens Jørgen Madsen
Direktør



HG

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