

Wexiödisk^W

AUTOMATIC CUTLERY SORTER ACS 800 & ACS 400HC

(original documentation)



Read the manual before using the machine!

Operation manual



ACS 800_r1

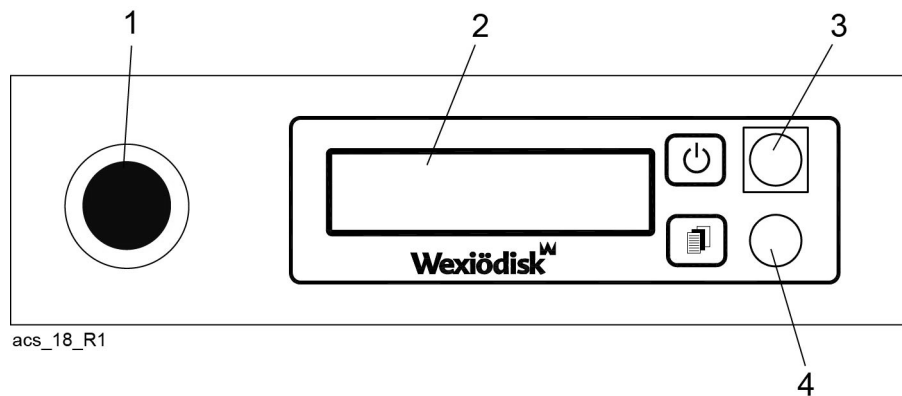
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1. Instructions for use



The machine must always be turned on: do not turn off the power supply. In normal day-to-day operation, use the Start / Stop pushbutton on the control panel to start and stop the machine. The display panel is always alight, and a faint fan noise can be heard, even when the machine is stopped.

1.1 Before starting



1. Emergency stop
 2. Display
 3. Start / Stop pushbutton
 4. Menu pushbutton
- Clean the machine's conveyor belts by selecting CLEANING on the display and then pushing the Start / Stop pushbutton. This will make the conveyor belts run at maximum speed, but with the brushes stationary. Clean the belts by moistening a cloth with ACS CLEANER and holding it against each of the belts until they are all clean.
 - Check that all the cutlery boxes are in position: a red lamp at each box position flashes if the box is not in position. A steadily lit (i.e. non-flashing) lamp indicates that the box is full, and must be changed for an empty one.

Instructions for use

1.1.1 Selecting the cutlery range

PRESS	THE DISPLAY SHOWS:	NOTE
	00: Cleaning Continue	Waiting position after cleaning or a cold start.
The Menu pushbutton	00: Cleaning Change program	Finishes cleaning.
The Start / Stop pushbutton	Select program 00: Cleaning	Goes to the Cutlery Range menu.
The Menu pushbutton	Select program 01: Range name	Select the required cutlery range.

Instructions for use

1.2 Running**1.2.1 Starting**

PRESS	THE DISPLAY SHOWS:	NOTE
The Start / Stop pushbutton	01: Range name Starting	Tests all flaps. The machine starts.

1.2.2 Stopping

PRESS	THE DISPLAY SHOWS:	NOTE
Start / Stopp pushbutton	01: Range name Continue	The machine stops in the standby state.

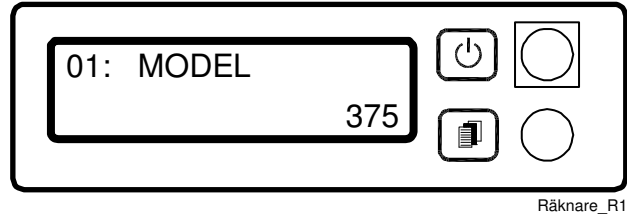
1.2.3 Restarting

PRESS	THE DISPLAY SHOWS:	NOTE
The Start / Stop pushbutton	01: Range name Starting	The machine restarts.

Instructions for use

1.2.4 Cutlery counter

The machine counts the number of items of cutlery that it has sorted, and displays the results in the bottom right-hand corner of the display.



In order to check the number of sorted items of each type:

PRESS	THE DISPLAY SHOWS:
(When running: The Menu button, to step through the menus.	01: Range name (Total number*)
	Teaspoons (number*) Dessert spoons (number*) Forks (number*) Knives (number*)
	01: Range name Continue
	01: Range name Change program
(In the standby state: The Menu button, to step through the menus.	01: Range name (Total number*)
	Teaspoons (number*) Dessert spoons (number*) Forks (number*) Knives (number*)
	01: Range name Continue
	01: Range name Continue
	01: Range name Continue
* Shows the total number of items or the number of each type.	

1.2.5 Emergency stop

PRESS	THE DISPLAY SHOWS:	NOTE
	Fault Emergency stop	The machine has stopped. Check why the emergency stop pushbutton has been pressed, and deal with the problem. Reset the emergency stop pushbutton by turning it clockwise until it jumps out into its normal position again.
The Start / Stop pushbutton twice	01: Range name Continue	Reset the alarm
The Start / Stop pushbutton	01: Range name Starting	The machine restarts

Instructions for use

1.2.6 Fault messages

THE DISPLAY SHOWS:	FAULT DESCRIPTION	POSSIBLE CAUSE / RESPONSE
Fault Returns only	The machine has stopped.	Check that the cutlery boxes are in position. Check that the correct cutlery range is being sorted.
Fault Returns only	Sorting in progress, some cutlery items being returned. Flashing yellow light.	Cutlery box not in position.
Fault Motor, conveyor...	The machine has stopped. Conveyor jammed.	Cutlery has wedged on conveyor. Free the jam and restart the machine.
Fault No scanner light	The machine has stopped.	Dirt in the scanner. Clean it. Restart the machine.
Fault Low speed, conveyor 6	The machine has stopped.	Conveyor 6 / the sorting conveyor is jammed. Deal with the cause of the jam, and check that the conveyor can run freely. Restart the machine.
Fault Flap fault	The machine has stopped / will not start.	Service technician required.
Fault Power supply fault	The machine has stopped.	Service technician required.
Fault Internal fault	The machine has stopped.	Service technician required.
Fault High temperature, electrical cubicle	The machine has stopped.	Service technician required.

1.2.7 Full cutlery box (not 400HC)

- The red indicating lamp by the box lights when the box is full. Boxes will always be filled with the number of items of cutlery that has been programmed.
- Changing the box automatically resets the counter.



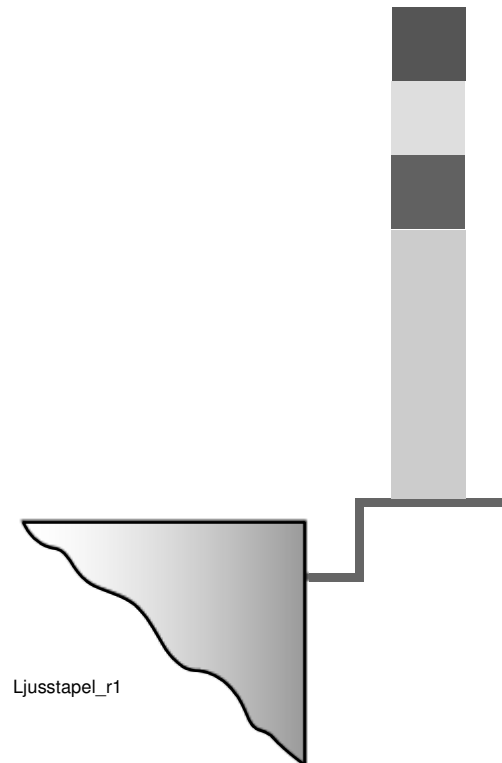
Do not remove a box and then replace it without emptying it. If this is done, the counter would be reset and then filling it with a new load of the programmed number of items would overflow it.

Instructions for use

1.2.8 Lamp signals

The cutlery sorter is fitted with a signal beacon.

- Steady green light: The machine is running, sorting cutlery.
- Flashing yellow light: One or more cutlery boxes is / are full, and must be replaced by (an) empty box(es).
- Steady red light: Alarm. Check the message on the display panel, deal with the cause of the alarm and restart the machine.



Instructions for use

1.2.9 Unsorted cutlery collection box

A collection box for unsorted cutlery is fitted at the right-hand end of the machine, and collects cutlery that has been missed by the sorting flaps for some reason. Its contents should normally be emptied back onto the buffer conveyor once an hour.



When doing this, check the contents of the box and remove any non-cutlery items.



Uppsamlingslåda

1.3 Maintenance

The machine can best be cleaned and maintained by the personnel who normally operate it.



Take great care when cleaning the conveyor belts: loosely fitting clothes, ties etc. can be caught in the conveyors or brushes. Take care when cleaning the ends of the conveyors. If the cleaning cloth should be caught and pulled down by the belt, let go of it immediately and press the emergency stop button.



Never spray water onto the machine.

1.3.1 Daily cleaning

Every 4 hours:



Clean the conveyor belts every 3-4 operating hours. Set the machine in the CLEANING mode, which means that the conveyors run at maximum speed, but that the brushes are stationary. Clean each belt by holding a cloth, dampened with ACS CLEANER, against it, until all the conveyors have been cleaned.



Rengöring

Instructions for use

Each day:**HACCP**

Clean the flaps and chute surfaces each day. Remember to wipe the flaps directing cutlery into the turning units, as well as the chutes down into the cutlery boxes. Use ACS CLEANER.

Check with a finger that the flaps can move easily. If not, send for a service technician.



Klaff

Wipe the outside of the machine clean each day.

Inspect the conveyor belts for any signs of damage. If found, send for a service technician.

Instructions for use

1.3.2 Weekly cleaning

HACCP

The rotating brushes above conveyor belt 2 can easily be removed, as can the turning units (not 400HC). Clean these parts, together with the cutlery boxes and the unsorted cutlery collection box, at least once a week.

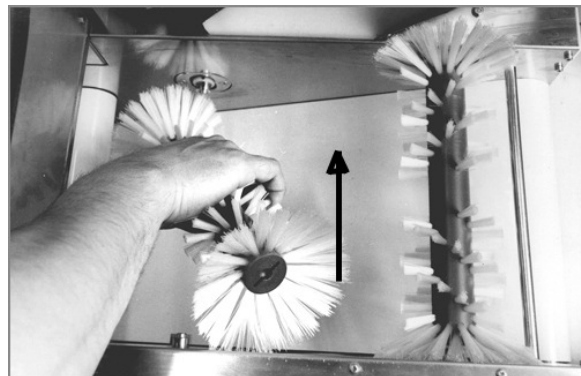
Clean the conveyor belts, side walls and plastic parts by hand.

Buffer belts are cleaned by hand weekly or when needed.

Removal / replacement of brushes

Brushes

- Lift the cover above the brushes.
- Remove the brushes by first pushing them in the direction of the arrow and then turning and lifting.
- Replace the brushes in the reverse direction. Turn them so that the drive pin engages with the groove.



Instructions for use

Removal / replacement of turning units (not 400HC)

- Open the cover above the turning unit. Get hold of each turning unit as shown in the picture, and pull it outwards and upwards to remove it from its click-in fastener.
- When replacing the unit, check that it has been correctly positioned by feeling the edge of the turning plate.



Vandringsenhet

1.3.3 Monthly cleaning

Remove the front and rear cover plates.



Clean the inside of the bottom plate.