

Cutlery sorter

■ ACS 800 Dynamic



Wexiödisk^W
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All installations must result in a good reference!

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■ ACS 800 Dynamic

The new generation of cutlery sorter for institutional catering such as hospital, staff restaurants and universities.



ACS 800 Dynamic tried-and-tested automatic cutlery sorter

ACS automatic cutlery sorters have been used in institutional kitchens for over 20 years in the Nordic countries, Europe, Asia and Australia. Hospitals, universities, staff restaurants and the flight catering industry are examples of customers we have helped over the years.

ACS 800 Dynamic completely eliminates time-consuming manual cutlery sorting, leading to cost savings and a more efficient work flow in the dishwashing room. The fully automatic cutlery sorting machine can be connected to a cutlery dishwasher or as a standalone machine.



With the Wexiödisk ACS 800 Dynamic cutlery sorter, the manual cutlery sorting that used to take up so much time is eliminated. The cutlery is now manually fed into the machine, or automatically picked up from a tray or via a soaking conveyor. This method saves many man-hours in the dishwashing room.

When the cutlery sorter is connected to a dishwasher with a cutlery track, the cutlery doesn't need to be washed twice. Thanks to the Dynamic function, the sorting unit lets you know when it's time to change the boxes full of sorted cutlery. The handling time is reduced to an incredibly low five minutes per hour. So the operator can look after the cutlery sorter alongside their other tasks.

By using the buffer conveyor to temporarily store washed cutlery, the sorting can be delayed- in order to offset peak loads in the dishwashing room. In this way the work can be distributed more evenly throughout the day.

Smart cutlery handling saves man-hours in the dishwashing room



USER-FRIENDLY – simple to operate and read off operating status

COST-SAVING – no more manual cutlery sorting

EFFICIENT – the cutlery only needs to be washed once

HYGIENIC – no fingers come into contact with the cutlery

EASY SERVICING – easy and hassle-free to replace spare parts

Hygienic

No hands or fingers come into contact with the washed cutlery. The guest is the first person to touch the cutlery after it has passed through the dishwasher, been washed and then rinsed in fresh water at 90°C.

User-friendly

On the control panel there are only two buttons to operate plus a display showing instructions in the local language. The display provides simple instructions.

A light bar in a high position makes it easy even at a distance to see the operating status of the cutlery sorter. A yellow light flashes when sorted cutlery boxes are full. That means it's time to change all the boxes full of sorted cutlery.

The machine is fitted with reinforced soundproofing. The infeed, outfeed and the end box have sound traps to reduce the noise from the cutlery.

Easy servicing

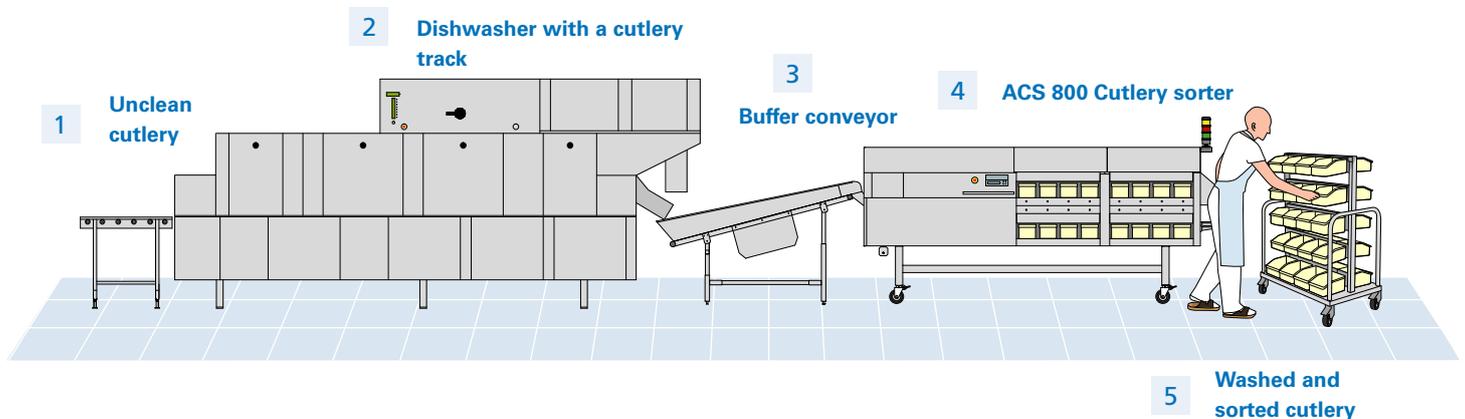
In conjunction with the installation, we always train users and local technicians in how to look after the machine and perform preventative maintenance. We also discuss a service contract with each customer.

The machine comes complete with a spare parts kit containing the most common wearing parts to ensure that no interruptions occur.





Optimise the work flow and create efficiency



1 Unclean cutlery can be fed into the machine in different ways:

- By being automatically picked up from a tray.
- Via a soaking conveyor before the dishwasher, used for cutlery with dried-on food.
- By being manually fed into the dishwasher.

2 Cutlery dishwasher

To achieve a fully automatic and efficient work flow in the kitchen, several different types of dishwasher can be used together with the cutlery sorter.

- Cutlery dishwasher, e.g. ACS 47D
- Combined tray and cutlery dishwasher, e.g. WD-66CT
- Conveyor dishwasher with cutlery track, e.g. WD-B 500-900

3 Buffer conveyor

The buffer conveyor is used to transport clean cutlery from the dishwasher to the cutlery sorter and also to temporarily store cutlery. When cutlery is stored temporarily, production stoppages are offset and the workload in the dishwashing room becomes more regular. The length of the conveyor determines the storage capacity. The longer the conveyor, the more cutlery can be stored. The standard lengths are 1.5 to 3.5 metres, but lengths can also be adapted to suit the customer's needs.

4 ACS 800 Cutlery sorter

Capacity of 2,500 to 3,600 items of cutlery per hour depending on the size, weight and shape of the cutlery. Usually three or four cutlery items (spoon, fork, knife), but up to eight different items can be sorted simultaneously. The sorter can be pre-programmed to sort virtually all cutlery as long as the length of the item does not exceed 215 mm.

5 Rack trolley

The rack trolley is used to both store and transport clean and sorted cutlery.

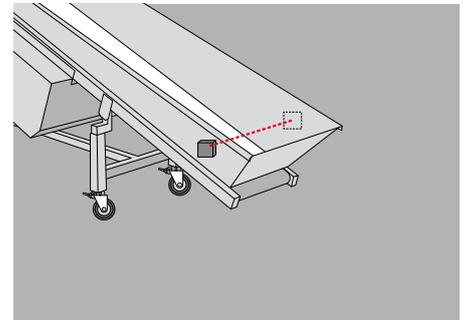
Accessories for optimal customisation



ACS BUFFER CONVEYOR

The ACS buffer conveyor is an integral part of the cutlery sorter. The buffer conveyor is available in several standard lengths between 1.5 and 3.5 metres to enable it to be adapted to the required layout.

The buffer conveyor is not only used to transport washed cutlery to the sorter but also to temporarily store cutlery, making it possible to put back the sorting for a while. When, for instance, there is a lunch session with lots of guests in a short period of time, the cutlery can be stored on the buffer conveyor and sorting completed later. The length of the buffer conveyor must then be adapted to the amount of cutlery that needs to be stored. The rule of thumb is 600 to 800 cutlery items per metre of buffer conveyor. We can also make customised buffer conveyors.



ACS LEVEL DETECTOR Used when the cutlery sorter is connected to the dishwasher. The level detector is positioned on the bottom part of the buffer conveyor. The level detector controls the forward feed and temporary storage on the buffer conveyor at times when the cutlery sorter cannot accept any more cutlery.



ACS CLEANER For effective cleaning of the cutlery sorter's conveyors, which must be cleaned every four hours of operation.



ACS CUTLERY BOX Handling is efficient and hygienic by using ACS cutlery boxes to store and transport sorted items of cutlery. No-one's hands touch the clean cutlery before the guest's do.



ACS RACK TROLLEY Used complete with 40 cutlery boxes and accommodates around 2,000 cutlery items. For storing and transporting sorted cutlery.

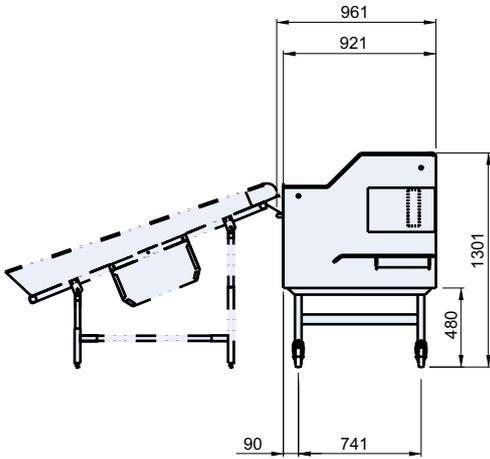
■ Technical specifications

Technical data	ACS 800
Number of cutlery items	Up to 8 different items
Capacity	2,500–3,600 cutlery items/hour
Cutlery size	Max. length 215 mm, width 5–46 mm, height 1–30 mm
Noise level	78 dB(A) (measured 1 metre from the side of the machine)
Degree of protection (IP)	54–65
Electrical connection	230 V 1N 50/60 Hz 0.3 kW
Size and weight for transport: Cutlery sorter	3.1 x 1 x 1.3 m; 500 kg
Size and weight for transport: Buffer conveyor	1.2 x 0.6 m x L (1.5–6 m); 45-80 kg

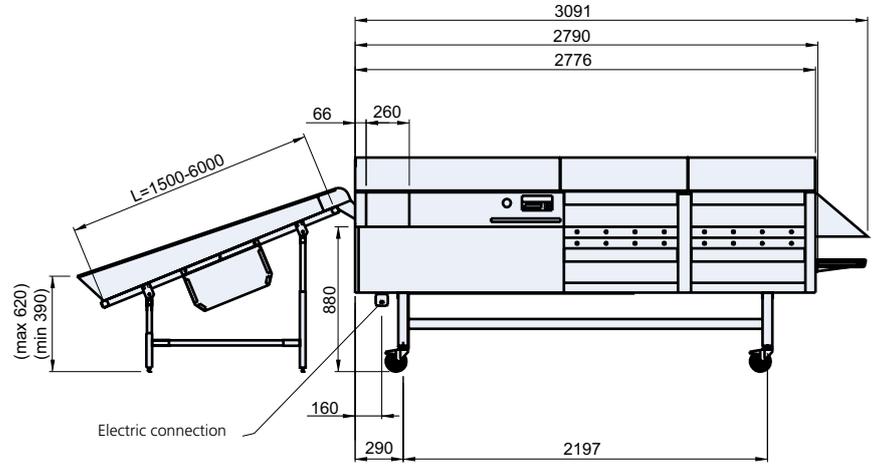
■ Part numbers

	Part number
ACS 800 model cutlery sorter	WD235.800
Accessory	
Buffer conveyor 1.5 m	WDACS123030
Buffer conveyor 2.0 m	WDACS123094
Buffer conveyor 2.5 m	WDACS123095
Buffer conveyor 3.5 m	WDACS123096
Cutlery box	WD4550150
Level detector	WDACS120537
Rack trolley	WDACS123016
Cleaner 12 x 0.5 l	WDACS120000
Spare parts kit	WDACS123550
Buffer conveyor, straight connection	WD235.0830
Buffer conveyor, connection 90°	WD235.0831
Buffer conveyor, connection 180°	WD235.0832
Buffer conveyor, adjustable 30–80°	WD235.0833

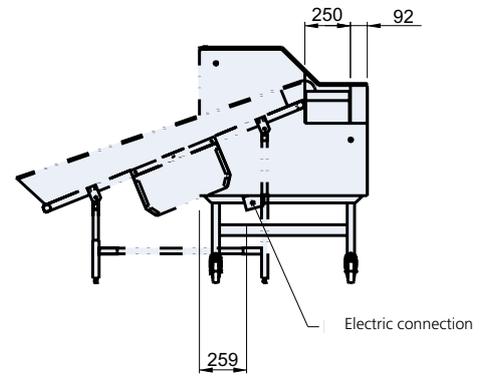
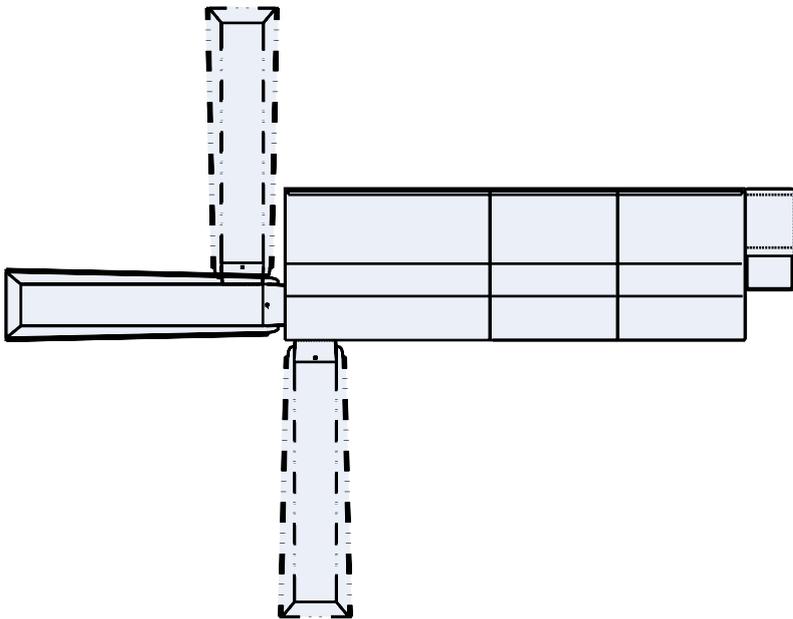
■ Dimension drawings for ACS 800



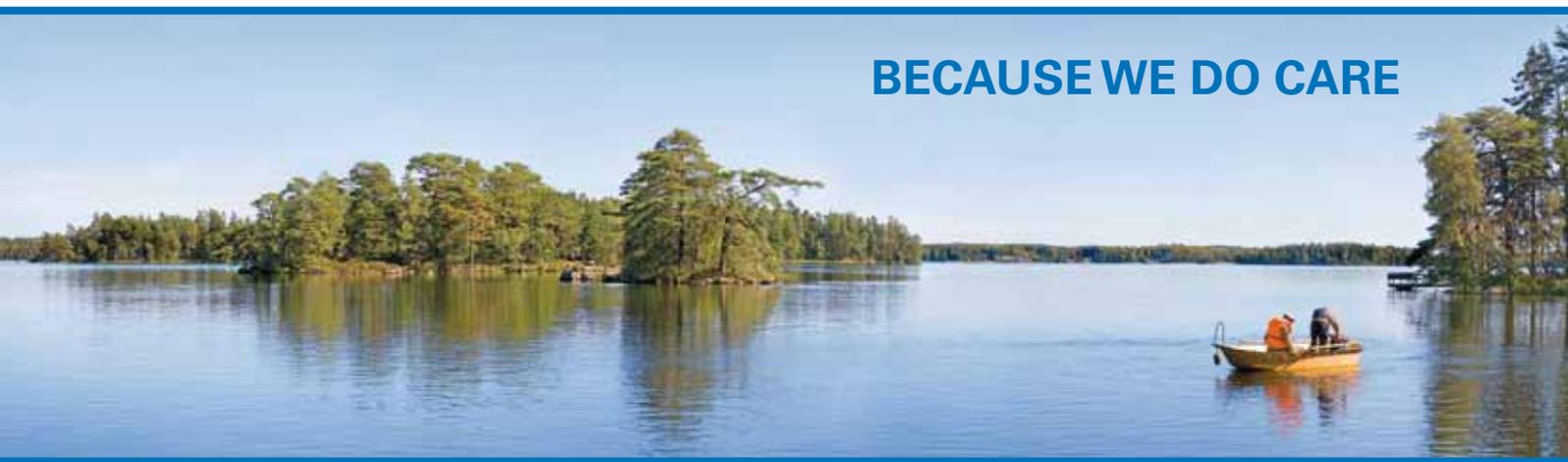
Buffer conveyor, front connection



Buffer conveyor, side connection



Buffer conveyor, rear connection 90°



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