



maidaid  halcyon



basket conveyor dishwashers
it's the details that make the difference

tailor made warewashing solutions



Maidaid Halcyon has been setting standards of excellence for the professional kitchen since 1974. Now our dishwashing expertise and advanced technology combines to bring you a new generation of basket conveyor dishwashing systems designed to deliver superb energy efficiency. Nine different washing solutions, all offering the best in cleanliness and hygiene, whilst reducing cycle times and operating costs. Sophisticated engineering, reduced detergent usage, water treatment and a comprehensive range of accessories create the perfect combination of economy and efficiency.

Maidaid Halcyon works closely with you on consultancy, planning and engineering services to ensure you achieve the perfect large scale dishwashing solution. The AX Basket Conveyor is used in some of the world's busiest and most successful professional kitchens. What better testimony could there be?



Please ask us for more information on:

- FX - Flight warewashing
- BX - Small crate washing rack type
- CX - Large crate washing flight type
- MX - Heavy duty crate washing flight type
- TX - Tray washing
- Pot washers granular type

International Accreditations

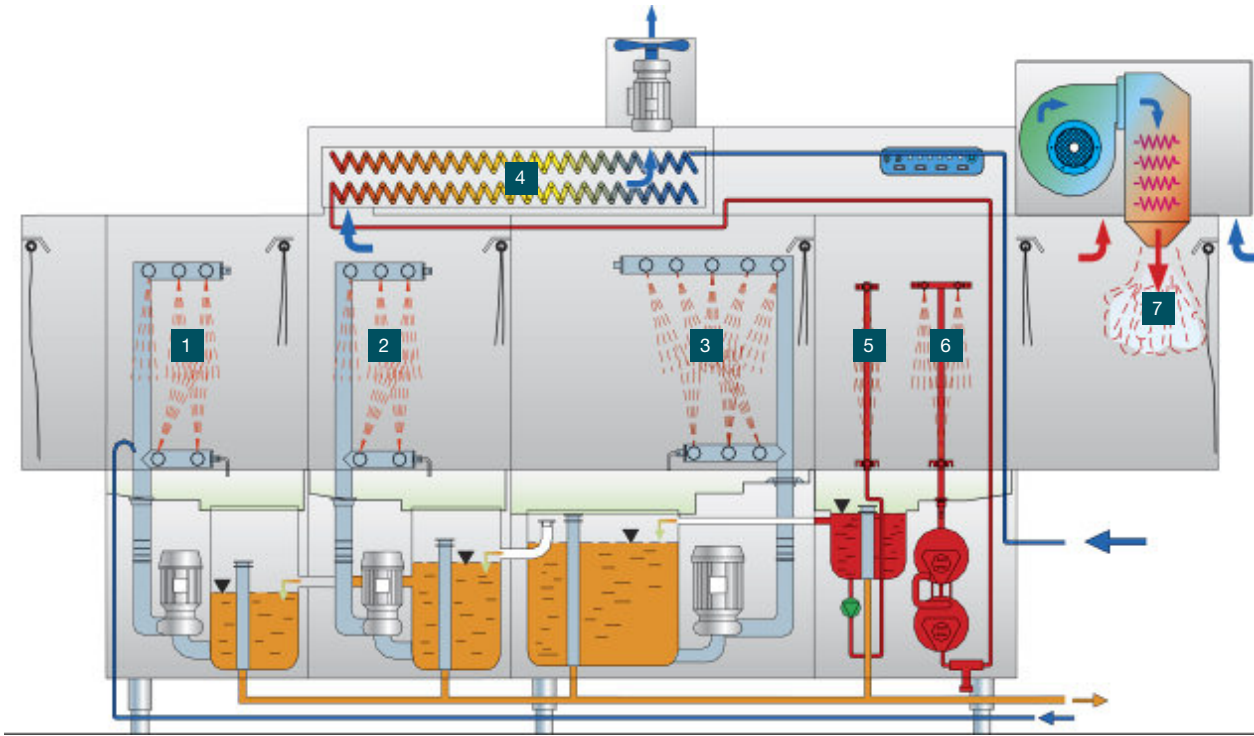


Worldwide Installations

Wentworth Golf Club - **(UK)**, Banca d'Italia - Roma **(Italy)**, London Zoo - **(UK)**, Ministero della Salute (Health Ministry) - **(Italy)**, Comando Generale dei Carabinieri (Police General Headquarters) - Roma **(Italy)**, Munich **(Germany)**, Drayton Manor Park **(UK)**, France Telecom - Paris **(France)**, Roland Garros (Tennis Stadium) - Paris **(France)**, Royal Olympic Hotel - Athens **(Greece)**, Duma - Russian Parliament - Moscow **(Russia)**, Federal Russian Space Agency - Moscow **(Russia)**, ICC - Birmingham **(UK)**, Kempinski Hotel - Sofia **(Bulgaria)**, Four Seasons Hotel - Cairo **(Egypt)**, Movenpick Hotel - Sharm El-Sheikh **(Egypt)**, Safdip Heliopolitan Hotel - Beirut **(Lebanon)**, King Fahd Hospital - Riyadh **(Saudi Arabia)**, King Hussein Conference Center - Amman **(Jordan)**, The Pride Hotel - Mumbai **(India)**, The Castle - Cape Town **(South Africa)**, Ambatory Minerals - Antananarivo **(Madagascar)**, IT Carlow College - Dublin **(Ireland)**, Le Gallieni - Noumea (New Caledonia) **(New Caledonia)**, Holiday Inn - Birmingham **(UK)**, Woolworths - Sydney **(Australia)**, Coles - Melbourne **(Australia)**



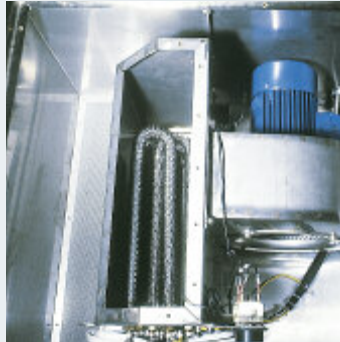
features



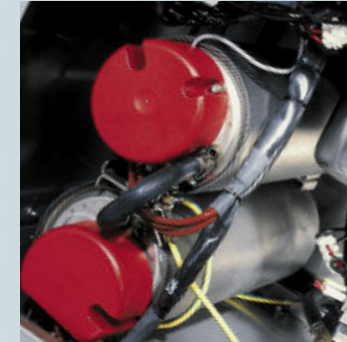
-



Deep-formed pre-wash tank, with rounded corners, designed to prevent thermal losses & guarantee a high temperature double-rinse. Pre-rinse & rinse arms fitted with stainless steel nozzles.



The Maidaia Halcyon drying system guarantees perfectly dried dishes by using a strong jet of preheated air.



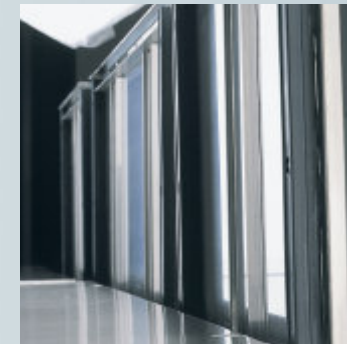
AISI 316 stainless steel boilers, fully insulated to reduce thermal losses.



Two speed rack drive gear box with safety clutch. Variable speed inverter available on request for special requirements.



Double laterally drawn rack drive system prevents derailing and provides longer trouble free operation.



Double skin insulated doors, spring assisted for easy opening and fitted with safety catch for security when cleaning the machine.



AISI 316 wash tanks, with rounded corners to guarantee perfect hygiene. The overflow pipe, allows the full draining of the wash tanks without removal.



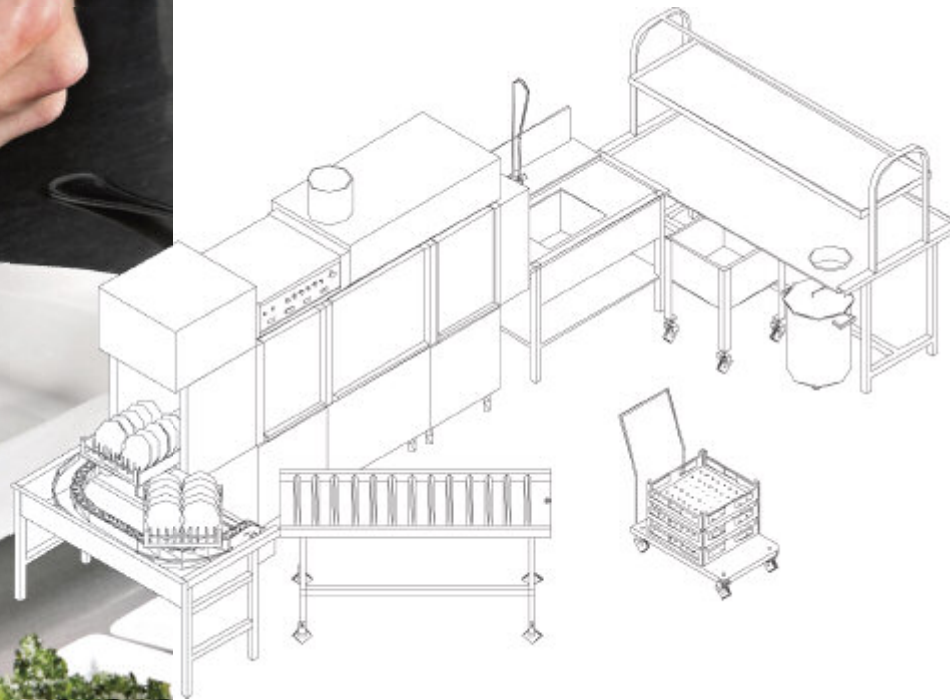
Easy to use simple controls with digital temperature displays for each section.



Bayonet type fast coupling wash arms with concave self cleaning impressed jets. Top/bottom flow balancing fitted as standard.

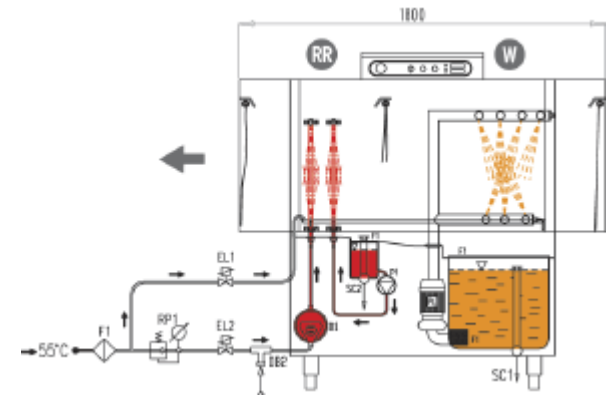
models

custom
designed
to your
layout



AX 220

Powerful main wash with double rinse.
80-110 baskets per hour



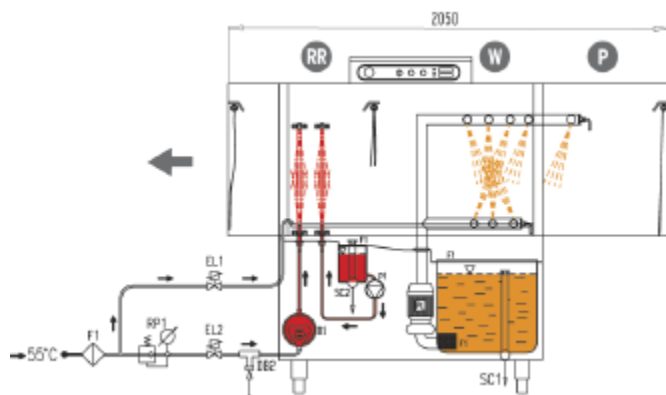
AX 220

plus exit roller
table



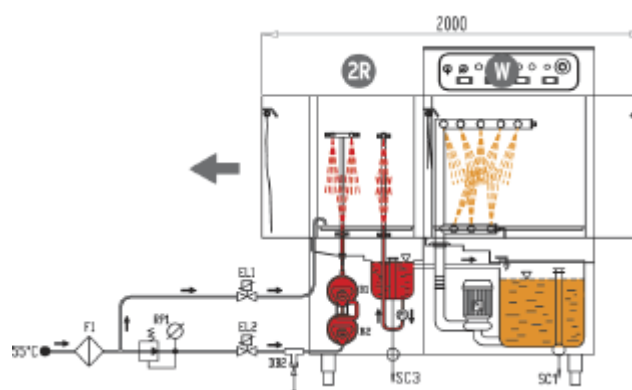
AX 240

Powerful main wash & prewash shelf module with double rinse. 90-140 baskets per hour



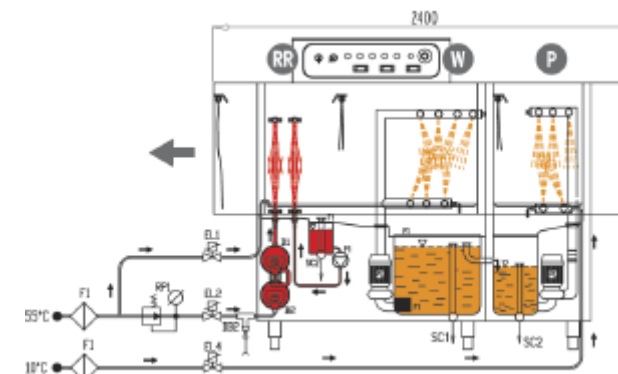
AX 250

Powerful main wash with reinforced double rinse. 110-140 baskets per hour



AX 310

Powerful pre-wash & main wash sections with double rinse. 140-190 baskets per hour



AX 240

plus exit roller table



AX 250

plus LC90/900 dryer

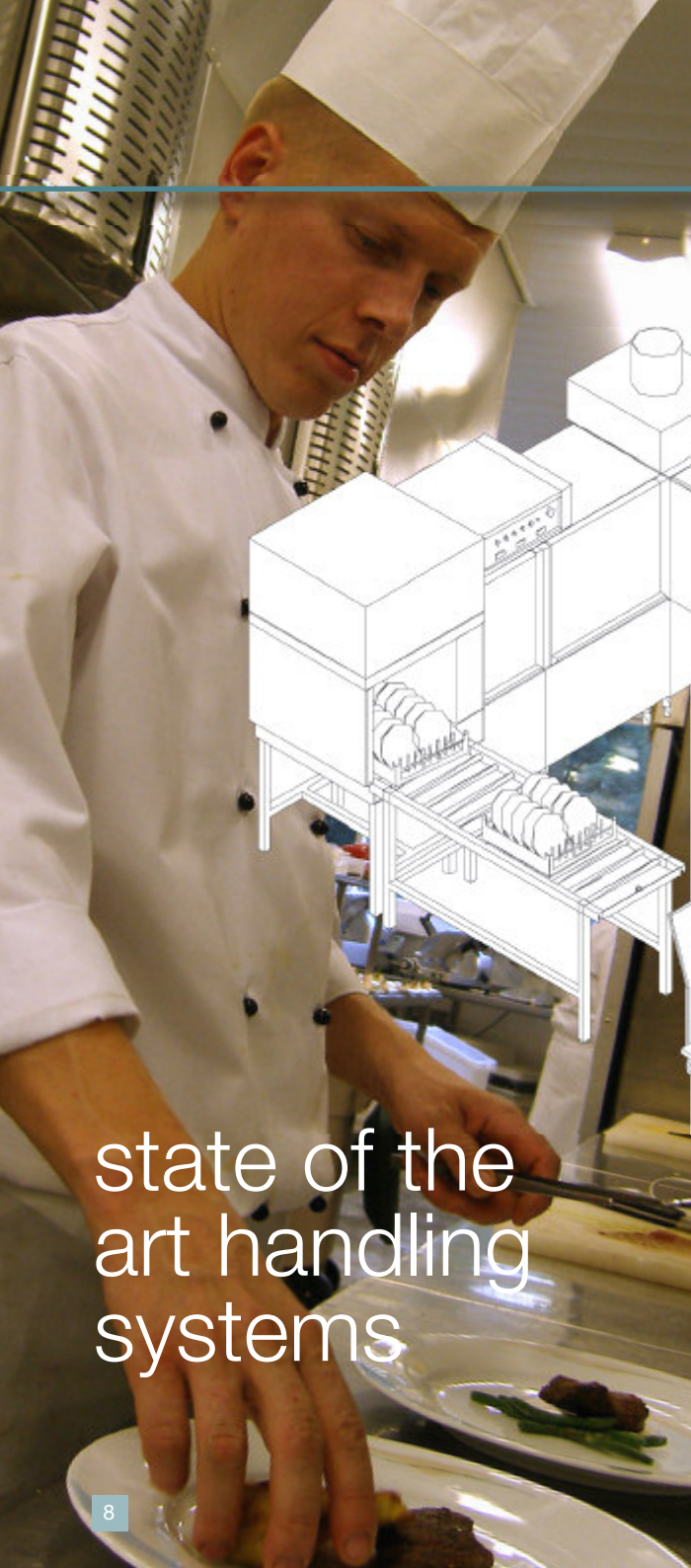


AX 310LC

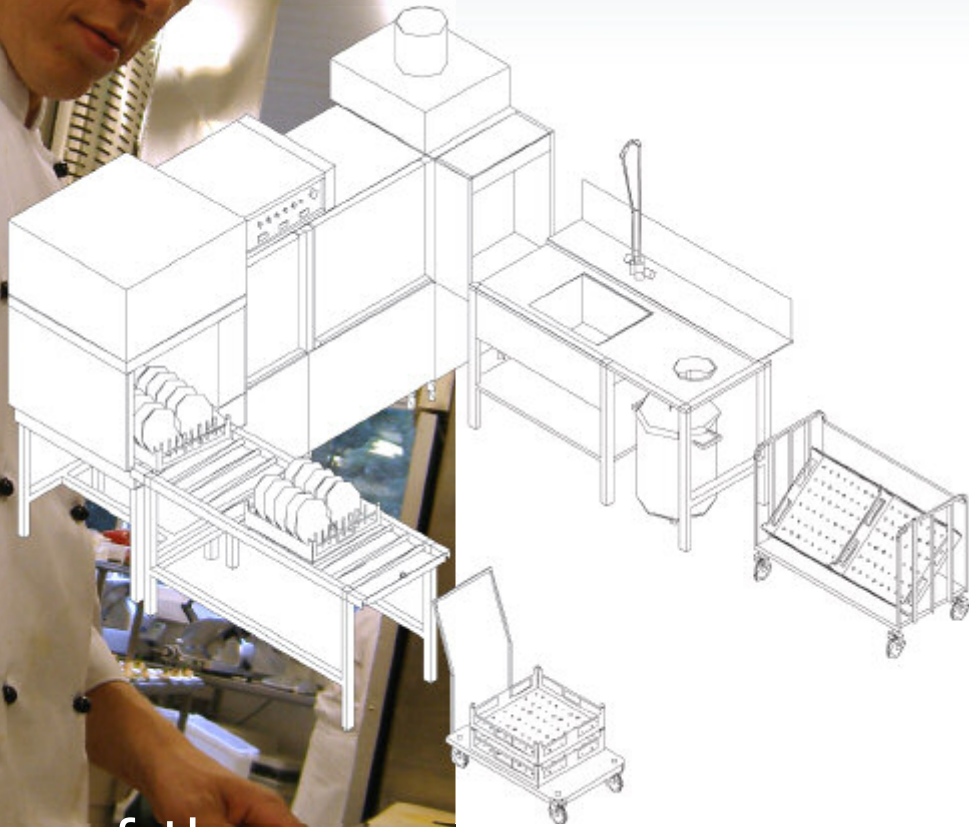
(LC-Optional corner pre-wash module) plus entry dirties sink arrangement



models

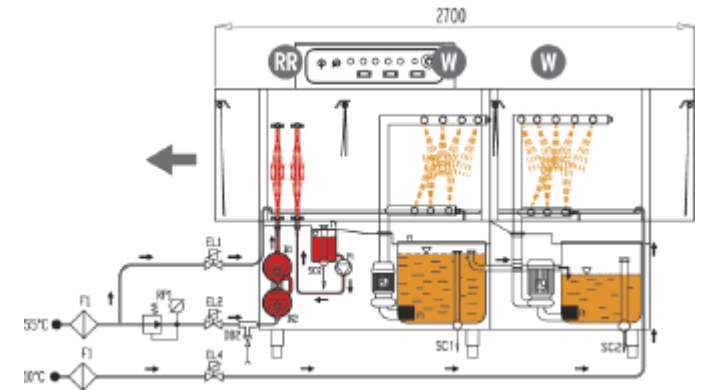


state of the
art handling
systems



AX 330

Powerful first & main wash sections and double rinse.
180-240 baskets per hour

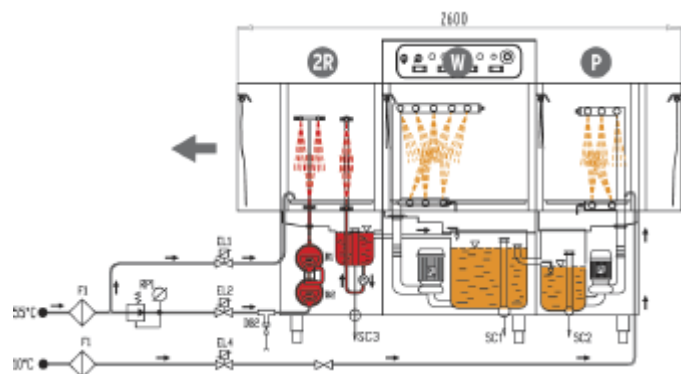


AX 330

plus LC90/900 dryer & extended entry section

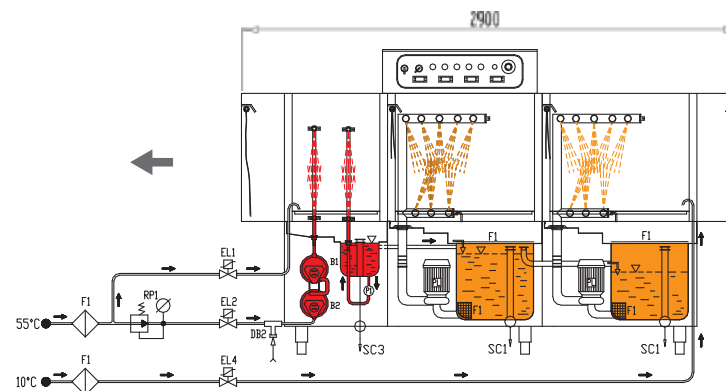
AX 380

Powerful pre-wash & main wash sections with reinforced double rinse.
140-190 baskets per hour



AX 400

Powerful first & main wash sections and reinforced double rinse.
180-240 baskets per hour



AX 380

plus mechanised corner drier, exit roller table, entry grading system with dirties sink



AX 400

plus mechanised corner dryer, exit roller table, entry grading system with dirties sink



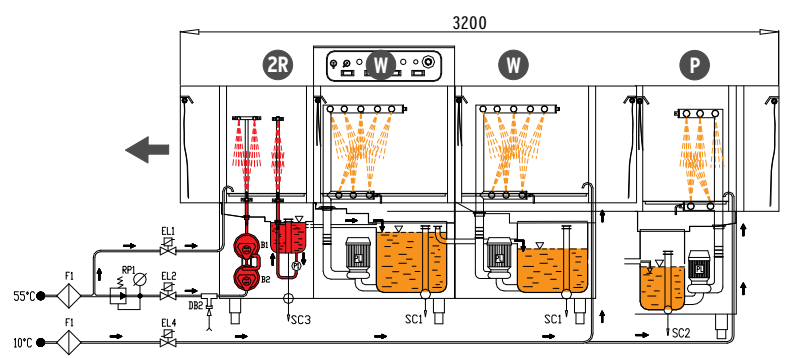
‘when the pressure’s on, it’s vital that equipment is totally reliable - the AX performs perfectly’

models



AX 440

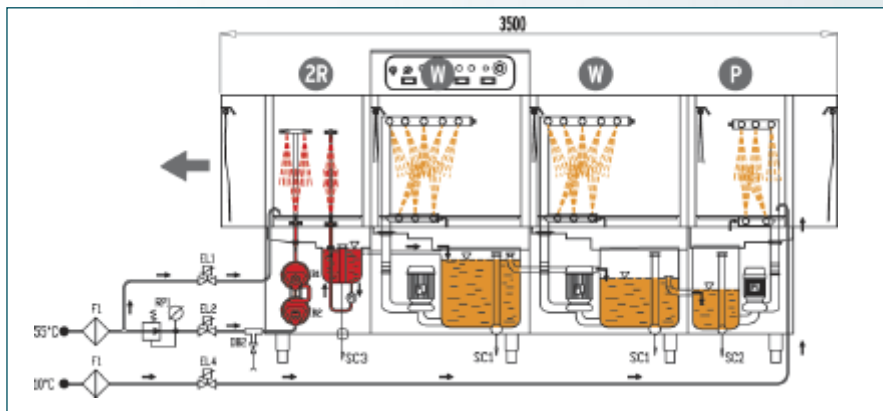
Powerful prewash, first & main wash sections and reinforced double rinse. 180-240 baskets per hour



AX 440

AX 540

Powerful prewash, first & main wash sections and reinforced double rinse.
230-310 baskets per hour



As you can see from the models on these pages, the possibilities for your large scale warewashing solutions are many and varied with Maida Halcyon.

All modules and accessories combine to create a superb tailor-made solution for your specific requirements and location.

Glasses, dishes, cutlery and utensils; all can be accommodated by the AX Basket Conveyor for economical washing with perfect results. As well as all the regular day-to-day operations, special programmes are possible depending on type of utensil and how heavily soiled they are.

An individual design, to your specifications, can solve all your large scale warewashing problems. Maida Halcyon's AX Basket Conveyor is, without doubt, the perfect solution.

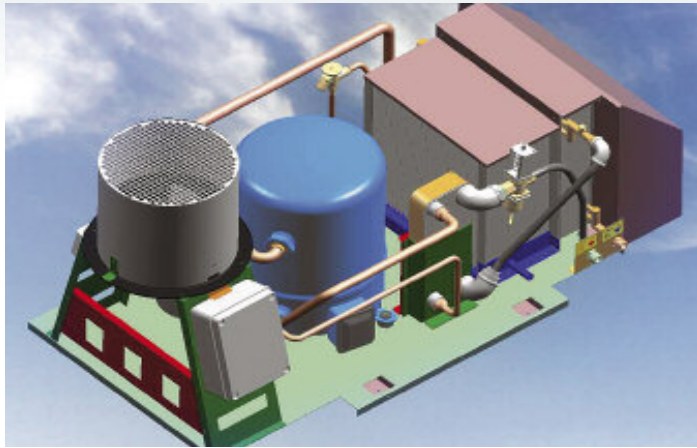


AX 540

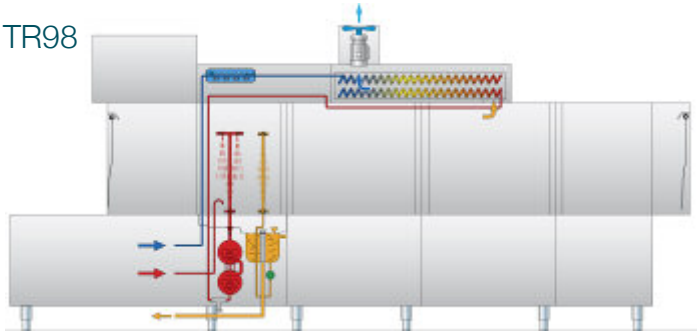
plus LC90/900 dryer & LC91 steam condenser



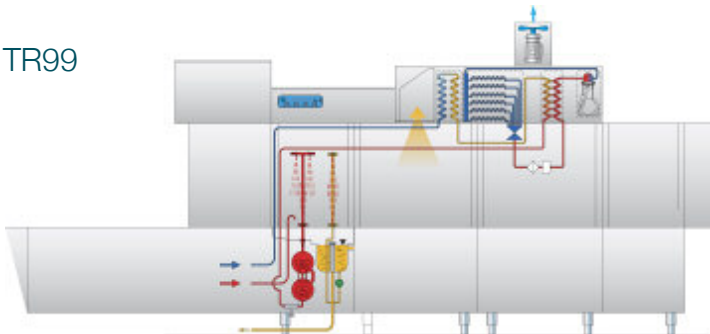
options



TR98

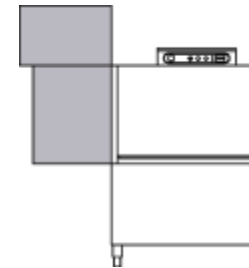


TR99



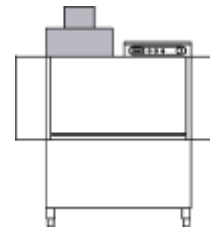
TR98 Heat Recovery, TR99 Heat Recovery with heat pump.
The waste heat recovery option retrieves energy produced through the condensation process and allows dishwashers to operate with cold water (except the first daily load, which should always use hot water), without additional energy costs. Humidity is reduced for a better working atmosphere, thereby reducing the overuse of building air conditioning systems.

The AX Basket Conveyor range of options ensures superb efficiency at both the feeding and discharge sections of the machine.



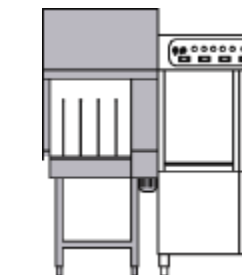
LC90-LC90/2-LC90/3

600mm inline dryer



LC91

Steam condenser

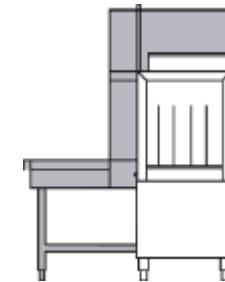


LC77/4

850mm mechanised corner dryer

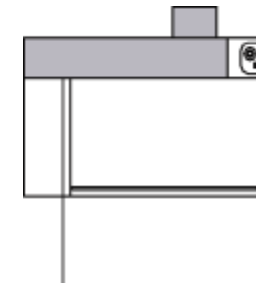
LC97/4

850mm motorised corner dryer



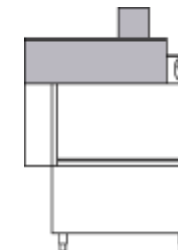
LC97/5

850mm 180° motorised dryer



TR98

Heat recovery



TR91/1

Heat recovery with heat pump



Q900505: Flexible shower complete with mixing group and lever tap

Q900506: Flexible shower complete with mixing group, lever tap and intermediate tap



Linear roller table with tank for BX models. for AX models upon request

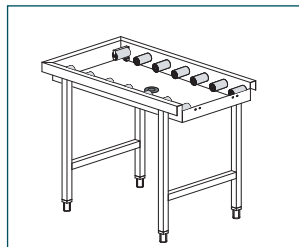
LC 96/A 1100x650x850 H
LC 96/B 1600x650x850 H
LC 96/C 2100x650x850 H



LC 77/2 90° mechanised arc (clockwise/anti-clockwise) 850x850x850 H

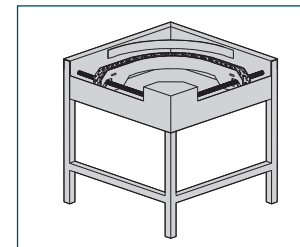


Scrap bin and options with castors or pedal opening

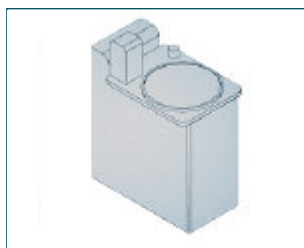


Linear roller table with tank complete with end microswitch

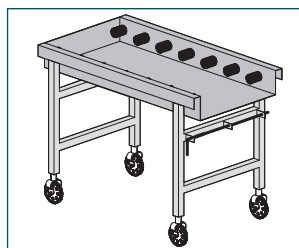
LC 96/1 1100x650x850 H
LC 96/A 1600x650x850 H



LC 97/2 90° motorised chain conveyor (clockwise / anti-clockwise) 850x850x850 H



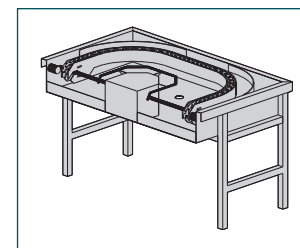
Full range of automatic water softeners.



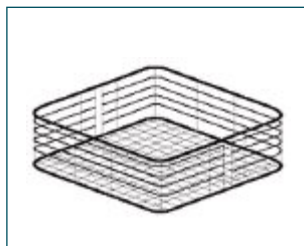
Linear roller table with tank and wheels complete with end microswitch

LC 96/2 1140x650x850 H
LC 96/2A 1600x650x850 H

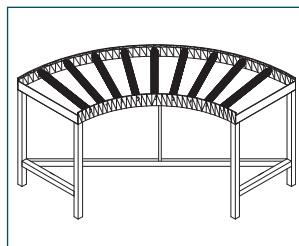
To be connected only to LC 97/3 and LC 97/5



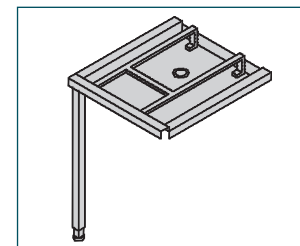
LC 97/3 180° motorised chain conveyor (clockwise / anti-clockwise) 850x1500x850 H



Full range of open, pegged and cutlery baskets.



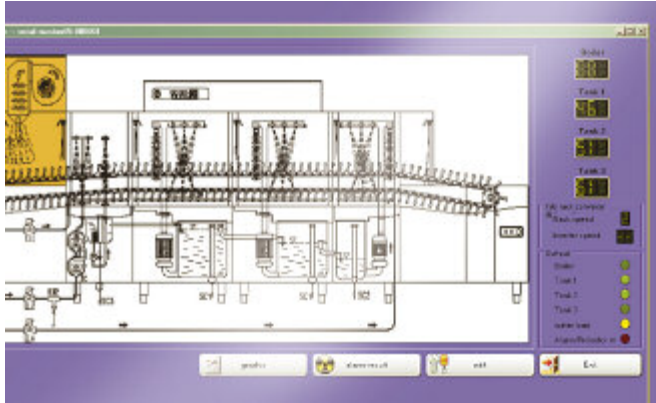
LC 97 90° roller arc with tank 1300x1300x850 H



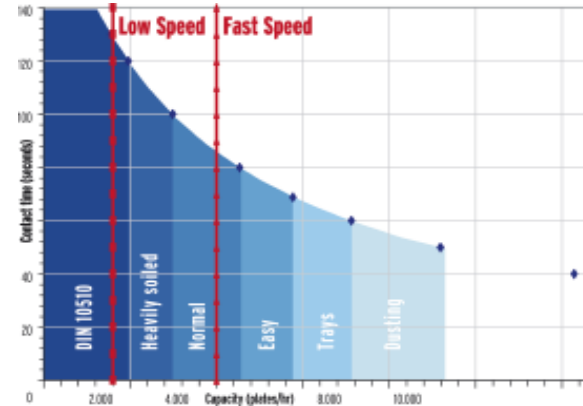
LC 98 angle loading table complete with basket pull-through system 700x610x900 H

All dimensions are in mm.

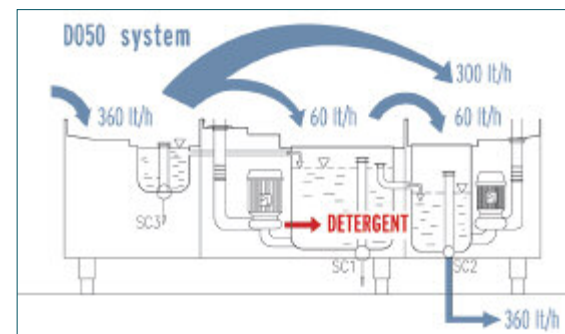
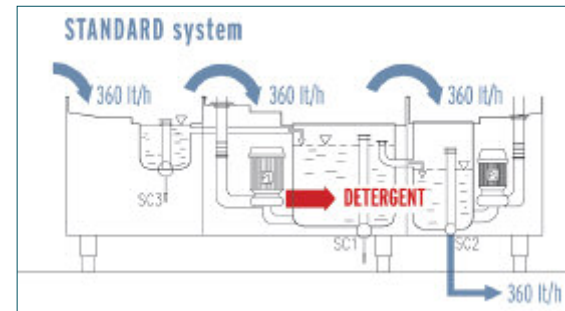
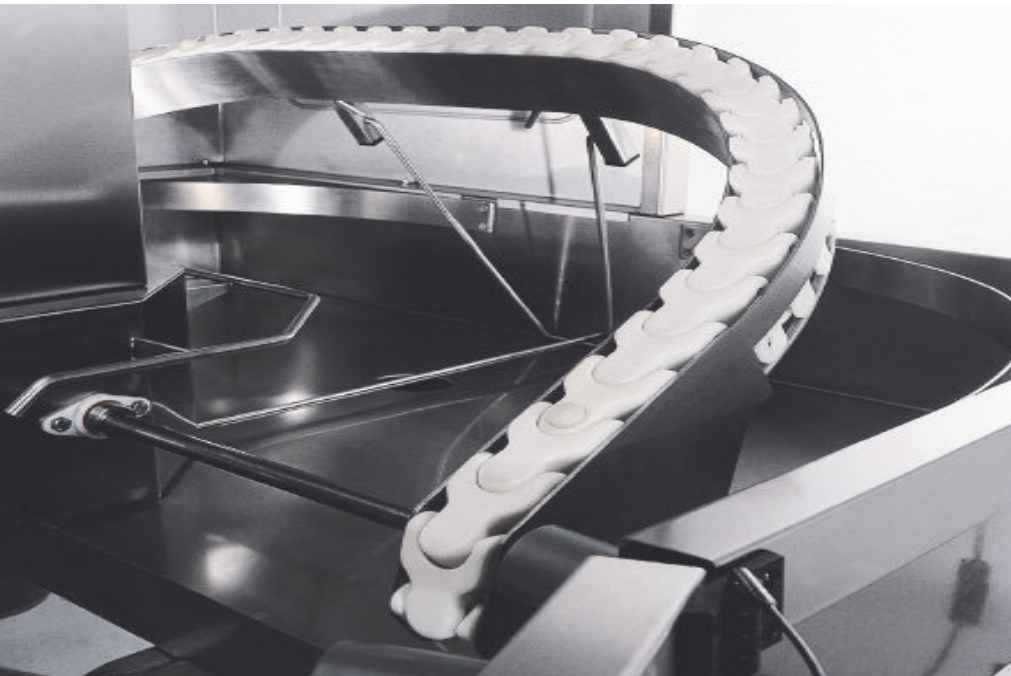
options



HACCP monitoring. A dedicated software to manage and store the data flow, available on request.



To sanitise dishes, the DIN 10510 norms prescribe a minimum contact time between the detergent and the surfaces to sanitise, proportional to the bacterial load existing on the surfaces themselves.



DO50. A detergent saving system that deviates part of the rinse water to the pre-wash tank, to reduce the detergent needed in the wash area.



Maidaid Halcyon offers complete custom-made washing solutions, personalised design to customers' lay-out and state-of-the-art handling systems.

There are endless possibilities. Let us help you find the perfect solution for your requirements.

Ring us today for help and advice on
Tel: 0333 123 2450

Quality Control

Quality of product and after-sales service is based on the operation of systems to the internationally recognised quality standard BS EN ISO 9002. However, above all else, quality of service results from the abilities, motivation and team work of people within the company.

technical specifications

All Maida Halcyon equipment carries the European 'CE' identification. The 'CE' mark signifies that all glasswashers and dishwashers will have been subjected to a thorough examination of all circuitry, components, electromagnetic compatibility and overall safety.



AX220 AX240 AX250 AX310 AX330 AX380 AX400 AX440 AX540

		AX220	AX240	AX250	AX310	AX330	AX380	AX400	AX440	AX540
Baskets per hour		80/110	90/140	110/140	140/190	180/240	140/190	180/240	180/240	230/310
Pre-wash	Pump power kW	/	/	/	1.1	/	1.1	/	1.1	1.1
	Pump capacity lt/min	/	150	/	550	/	550	/	550	550
	Tank capacity lt	/	/	/	70	/	70	/	70	70
1st wash	Wash pump power kW	/	/	/	/	2	/	2	1.1	2
	Pump capacity lt/min	/	/	/	/	650	/	650	550	650
	Tank capacity lt	/	/	/	/	100	/	100	70	110
	Heating element kW	/	/	/	/	9	/	9	6	9
Main wash	Wash pump power kW	1.5	2	2	2	2	2	2	2	2
	Pump capacity lt/min	600	65	65	65	65	65	65	65	65
	Tank capacity lt	90	110	110	110	110	110	110	110	110
	Heating element kW	9	9	12	12	12	12	12	12	12
Double Rinse	Water consumption lt/h	245	300	325	360	420	380	380	420	440
	Heating element kW	12	14	18	18	21	18	18	2X12	2X12
	Boiler capacity lt	10	2x10	2x10	2x10	2x10	2x10	2x10	2x10	2x10
	Tank capacity lt	3	3	10	3	3	10	10	10	10
	Pump power kW	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Pump capacity lt/min	80	80	110	80	80	110	110	110	110
Rack Drive	Motor power kW	0.18	0.18	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Water Supply	Pressure range bar	1.5-4.0	1.5-6.0	1.5-6.0	1.5-6.0	2.0-6.0	2.0-6.0	2.0-6.0	2.0-6.0	2.0-6.0
Options	Dryer modules	LC90, LC90/2, L90/900	LC90, LC90/2, L90/900	LC90, LC90/2, L90/900	LC90, LC90/2, L90/900	LC90/2, L90/900	LC90/2, L90/900	LC90/2, L90/900	LC90/2, L90/900	LC90/2, L90/900
	Steam condenser	LC91	LC91	LC91	LC91	LC91	LC91	LC91	LC91	LC91
	Heat recovery modules	TR91	TR91	TR91	TR91, TR98, TR99/1	TR91, TR98, TR99/1	TR98, TR99/1	TR91, TR98, TR99/1	TR91, TR98, TR99/1	TR98, TR99/1

All machines suitable for connection to 400/415 Volt 3 phase, neutral and earth 50Hz
 Power requirements based on water supply of 55°C, additional rinse element of 12 kW required for water supply of 15°C
 Basket size 500x500mm. Machine useful clearance height 400mm. Maximum water hardness 10°F
 Model AX330 and larger can be supplied for steam heating, consumption figures available on request.

In the event of further technical development we reserve the right to alter our design and specification without notice

Steam powered machines also available - please ask for more information

Options

		Dryer Modules			
	Code	LC90	LC90/2	LC90/900	
Length	mm	600	600	900	
Fan power	kW	0.75	0.75	0.75	
Air movement	m3/h	1000	1000	1000	
Heating elements	kW	6	12	12	
		Steam condenser – Module LC91			
Fan power	kW	0.18	0.18	0.18	
Air movement	m3/h	350	350	350	
		Heat Recovery Modules			
	Code	TR91	TR98	TR99/1	
Fan power	kW	0.18	0.18	0.18	
Air movement	m3/h	350	350	350	
Potential heat recovery	kW	12	12	20	

Stainless steel wash pumps, detergent and rinse aid dosing, thermal and acoustic insulation, booster pump for external water supply, variable rack speed control, thermal wash tank insulation, D050 detergent optimiser, HACCP, triple rinse and many more.

Tel: 0333 123 2450

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