

Georg Rendar GmbH
Reinigungsanlagen

basis program

cleaning technology in stainless steel



warm cleaning

The cleaning machines of the series W are for the use on watery basis with bath heating (electric direct or indirect by heat exchanger, if desired also gas or oil).

The area of application of these machines is

- cleaning of different materials
- repair
- maintenance/reconditioning
- manufacturing of new parts
- chip removal etc.

and will be used mainly with warm/watery/alkaline mediums.

The used cleaning medium consists of water with an additive of cleaning agent (concentration 1 – 5 %), whereby it is possible to work in acid as well as in alkaline range.

Beside the plant technology the used cleaning agent is decisive for the washing quality – let us advise you.

technical datas

		pumps	basket diameter	interior height ² from	basket loading from	filling capacity from	spraying pressure from	pump capacity from	pump motor	electric heating ³ from	voltage	temperature ⁴	washing time	weight from ⁵
			mm	mm	kg	ltr.	bar	l/min	kW	kW	V	°C	min	kg
W 40	1	1	400	260	70	25	1,3	50	0,37	2	400/230/24	bis 95°C	030/60/120	55
W 60	1	1	600	370	100	50	1,8	80	0,5	2/3	400/230/24	bis 95°C	030/60/120	85
W 80	1	1	800	530	150	80	2,6	140	1,1	4	400/230/24	bis 95°C	030/60/120	130
W 91	1	1	900	530	200	130	3,1	160	1,5	6	400/230/24	bis 95°C	030/60/120	190
W 92¹	2	2	900	530	200	130	2x2,6	280	2x1,1	6	400/230/24	bis 95°C	030/60/120	210
W 115¹	1/2	1/2	1150	720	300	200	2x3,0	360	2x1,5	10	400/230/24	bis 95°C	030/60/120	320
W 150¹	1/2	1/2	1500	950	500	400	2x4,5	360	2x3,0	15	400/230/24	bis 95°C	030/60/120	550
W 200	2	2	2000	1000	750	900	2x5,5	800	2x5,5	30	400/230/24	bis 95°C	030/60/120	1400
W 250	2	2	2500	1150	1500	1250	2x7,5	900	2x7,5	45	400/230/24	bis 95°C	030/60/120	2200
W 300	2	2	3000	1300	2000	1800	2x7,5	1000	2x7,5	60	400/230/24	bis 95°C	030/60/120	2900

¹ to ⁵ see next page ■ Technical datas are subject to change.

Find more information about the equipment possibilities in our brochure "accessories".

From basket diameter 900 mm on the machine body are cut slopingly.

Thereby the machines can be equipped with a pull out basket and a mobile trolley optionally. This makes a loading and unloading at any place of the factory/workshop possible, if necessary also with several baskets and trolleys.

By a loading per charge a high throughput will be reached.

Also a crane loading for heavy washing goods can be implemented safely, decentralized and easily.

Self-evidently we also manufacture conveyors and rail bars for this machine series.

The cleaning machines starting from type 200 are equipped in series with an strength-operated cover opening.



cold cleaning

The machines of the series K are for the cold cleaning with solvents and are used in the ranges

- tampon printing
- cleaning of clichés
- screen printing
- repair of electric machines
- paint stripping

and also for cleaning/degreasing.

The most important point of decision regarding the version for the cold cleaning machines is the combustibility (flash point) of the used solvent and the appropriate explosion prevention – ATEX-guideline.

In principle the passiv explosion prevention (use of watery systems or solvents with a high flash point) has priority !

Please let us advise you individually.

from⁵

technical datas

		pumps	basket diameter	interior height from ²	basket loading from	filling capacity from	spraying pressure from	pump capacity from	pump motor	voltage	washing time ⁵	weight from
			mm	mm	kg	ltr	bar	l/min	kW	V	min	kg
K 40	1	1	400	260	70	20	1,3	50	0,37	400/230/24	0:30/60/120	50
K 60	1	1	600	370	100	50	1,8	80	0,5	400/230/24	0:30/60/120	80
K 80	1	1	800	530	150	80	2,8	120	1,1	400/230/24	0:30/60/120	120
K 91	1	1	900	530	200	130	2,6	160	1,5	400/230/24	0:30/60/120	180
K 92¹	2	2	900	530	200	130	2x2,6	280	2x1,1	400/230/24	0:30/60/120	200
K 115¹	1/2	1/2	1150	720	300	200	2x3,0	360	2x1,5	400/230/24	0:30/60/120	300
K 150¹	1/2	1/2	1500	950	500	400	2x4,5	360	2x3,0	400/230/24	0:30/60/120	500
K 200	2	2	2000	1000	750	900	2x5,0	800	2x5,5	400/230/24	0:30/60/120	1300
K 250	2	2	2500	1150	1500	1250	2x5,0	900	2x7,5	400/230/24	0:30/60/120	2000
K 300	2	2	3000	1300	2000	1800	2x5,0	1000	2x7,5	400/230/24	0:30/60/120	2500

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¹ depending on their use these types are available with one or two pump/s and one or two nozzle pipe system/s

² at use of a transport system the interior height reduces for 50 mm (type 91/92/115) respectively for 80 mm (type 150 to 300)

³ in series electrical, gas/oil/steam if desired

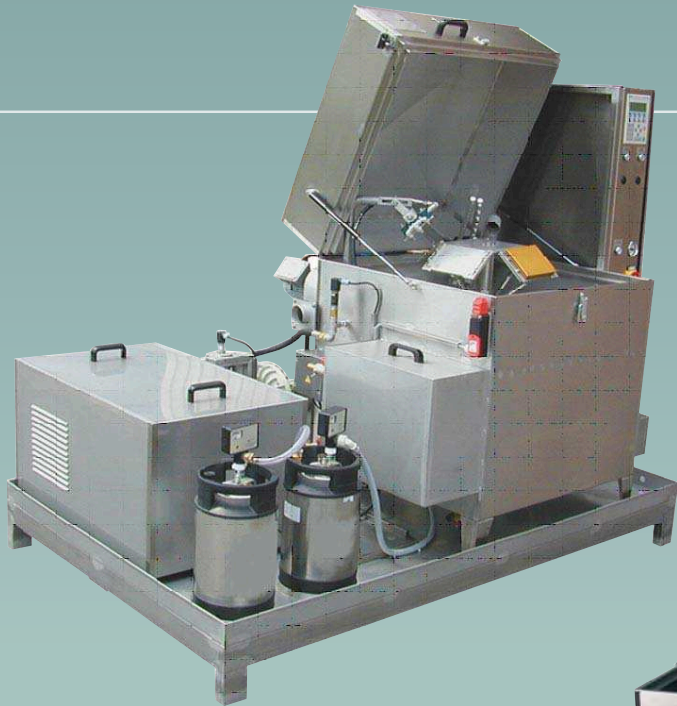
⁴ from 70°C bath temperature consider contact protection

⁵ in series mechanic timer, electronic if desired

outer measures in mm	basic version	width	depth	height
W/K	40	750	550	800
W/K	60	900	650	950
W/K	80	1100	900	1100
W/K	91/92	1300	1050	1200
W/K	115	1500	1300	1400
W/K	150	1900	1700	1750
W/K	200	2500	2300	2000
W/K	250	3100	2800	2300
W/K	300	3600	3300	2500

All datas are ca.-information.





■ type W 80 as special version for high pressure use, rinsing with demineralized water by ion-exchanger, drying with hot air

example for a device for colour-filling-systems for the removal of paint with subsequent rinsing



example for a device by plug-in for tools of processing centers for inner/outer cleaning



■ type W 80 with swivel device for milling disk up to \varnothing 800 mm



■ type RT continuous machine in round tact proceed with robot charging for single take-in of automat parts



■ dipping basin with pneumatically oscillating grate, here for paint stripping of aluminium rim

title

- type W 40
- type W 115

GeorgRender GmbH

Sölterstr. 31 ■ 32107 Bad Salzuflen ■ Tel. 0 52 08. 65 95 ■ Fax 0 52 08. 65 70
 info@render-gmbh.de ■ www.render-gmbh.de

