



Process Water Recycling Systems

- Recycling of waste water that comes out of mass finishing machines (deburring, polishing etc.) by separating particules from water,
- Cleaning of cold water that are used for processing of metal, optical glass, stainless steel, ceramic and other parts,
- Recycling of precious metals and alloys,

Proces Scope:

This process is physical cleaning of waste water that comes from the source.

The system works with neutral waters (between ph 6.5-9.5).

Processes that are made at the system:

- Flocculation
- Filtration
- Defoaming
- Disinfection





ARS 25 B 60



ARS 140 B 1000

Applications:

These systems are produced to work with vibratory surface finishing machines, centrifugal surface finishing machines and barrel type machines as a standard. As optional, It can be also prepared as a project for the waste water that occurs in different industries.

Optionals:

- Chemical treatment
- Automatic Sludge Discharging Unit

Machine Type	Unit	ARS25 B0	ARS25 B60	ARS25 MN500	ARS25 MN1000	ARS140 B1000
Capacity	liter/hour	300	300	300	300	1200
Clean Water Tank Capacity	liter	-	60	270	556	482
Waste Water Tank Capacity	liter	-	60	135	260	338
Total Tank Capacity	liter	-	120	405	816	820
Sludge Container Capacity	kg	2,5	2,5	2,5	2,5	14
Max. Clean Water Outlet Pressure	bar	0,5	0,5	0,5	0,5	0,3
Separation Factor	g	1800	1800	1800	1800	2010
Centrifuge Speed	rpm	4100	4100	4100	4100	2750
Motor Power	kW	1,5	1,5	1,5	1,5	5
Total Power	kW	1,5	2	1,5	1,5	5,5
Measurements	mm	702x413x780	680x800x800	1560x760x1392	2060x1080x1392	2120x1275x1695
Total Weight	kg	115	160	290	335	620
Control Unit	-	Semi automatic	Semi automatic	Semi automatic	Semi automatic	Semi automatic
Chemical Dosing	-	-	Optional	Standard	Standard	Standard
Disinfections	-	Optional	Optional	Optional	Optional	Optional
Filtration	-	Centrifugal filter	Centrifugal filter	Centrifugal filter	Centrifugal filter	Centrifugal filter
Defoaming	-	Optional	Optional	Optional	Optional	Optional
Ratio of Water Recycling	%	95	95	95	95	95