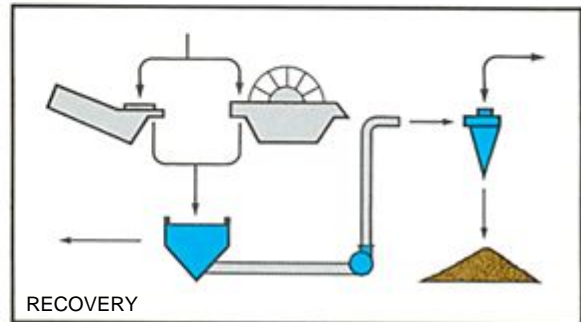
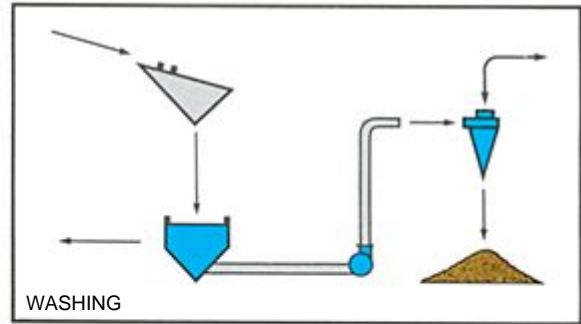


HYDROCYCLONE PLANTS



Hydrocyclone plants are mainly used in the sand, mining and chemical industries for the following applications:

- Sand washing process after washing drum and screen treatment stages.
- Recovery of fine sand contained in effluents coming from screw classifiers, bucket wheels and other sand washing equipment.
- Slurry thickening.
- Partial clarification of effluents.
- Classification of sand and mineral ores.



CONSTRUCTION FEATURES

The pump sump is equipped with automatic level-control device.

The centrifugal pump is furnished with wear-resistant liners. Electric motor assembled on pump overhead support to simplify installation and maintenance. The pump set, mounted on a skid-type sturdy frame, is arranged as a whole unit with sump.

The hydrocyclone unit is manufactured in steel

plate abrasion resistant rubber lined, and is also available in massif polyurethane.

The dewatering screen is supplied with moulded polyurethane pannels. Trough is protected by wear-resistant plates.

Mobile hydrocyclone plants designed with sump, pump, hydrocyclone and dewatering screen as a close-packed unit are also available. This type of plants ensures simple handling and rapid installation.

TYPE	HYDROCYCLONE DIAMETER (mm.)	PUMP SIZE (mm.)	MOTOR POWER (Kw.)	CAPACITY		DEWATERING SCREEN	
				SLURRY FLOW (m ³ /h.)	SOLIDS TONNAGE (Tm/h.)	TYPE WIDTH/LENGTH	POWER (Kw.)
GC - 10	100	25-50	1.5-3	16	4	EV 300/2	1.4
GC - 20	200	50-80	4-5.5	40	10	EV 600/2	1.4
GC - 25	250	80-100	5.5-11	80	20	EV 600/3	1.4
GC - 32	325	80-100	11-15	120	30	EV 900/3	2.6
GC - 40	400	100-150	15-30	200	50	EV 1200/3	5.8
GC - 50	500	100-150	22-45	300	75	EV 1200/4	8.4
GC - 75	750	150-200	37-75	600	150	EV 1800/5	10.2
GC - 120	1.200	200-300	75-132	1.200	300	EV 2100/6	20.0

Capacity values indicated relate to maximum operating conditions.



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