

Pre-treatment unit



AQUA AURA
Leading Technologies



VSD

**COMPACT SYSTEM
FOR SAND REMOVAL AND WASHING**

VSD - COMPACT SYSTEM FOR SAND REMOVAL AND WASHING

Combined machine able to perform two functions simultaneously:

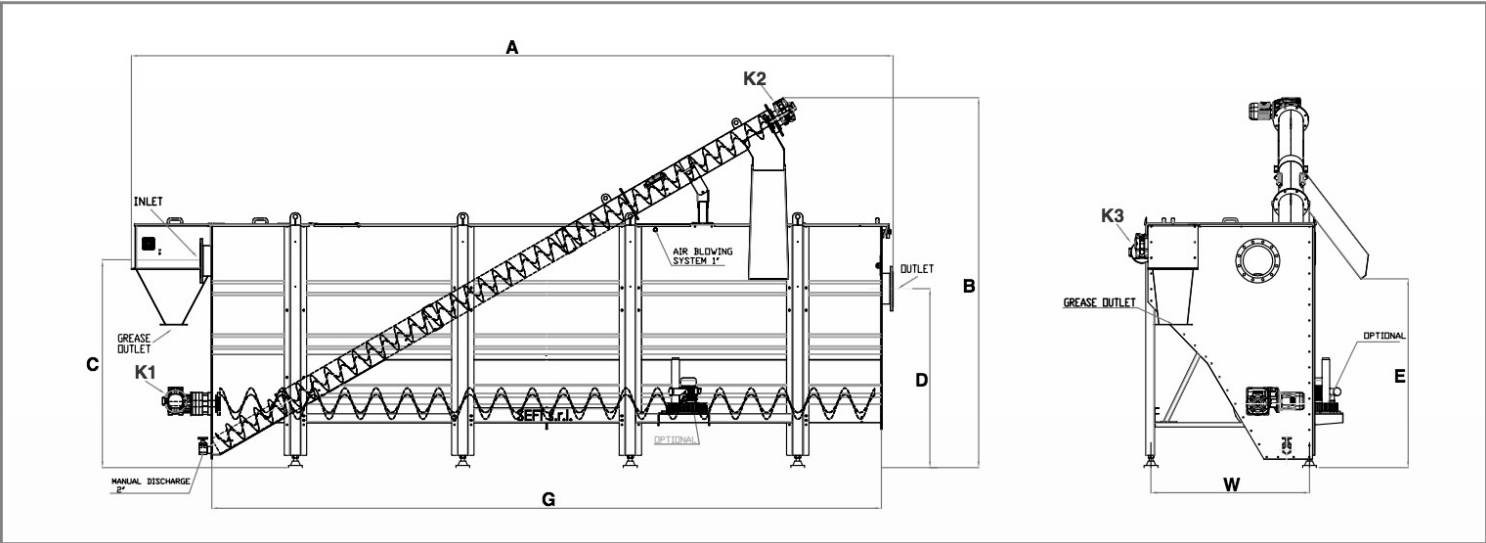
- removal and grit
- Oil removal/degreasing

The effluent is fed to the machine through a fixed pipe and decants in the tub; the sands are then removed by a system of augers, while fats and oils surface are removed from the system of deoiling, by an air bower.



VSD - COMPACT SYSTEM FOR SAND REMOVAL AND WASHING

Technical details



DIMENSION TABLE

PORTATE/FLOW RATE		A	B	C	D	E	G	W	INLET OUTLET	OUTLET GREASE
L/sec		mm	mm	mm	mm	mm	mm	mm	PN10	mm
VSD 10	10	4000	2400	1400	1100	1325	3000	1270	DN200	250x150
VSD 20	20	5500	2400	1400	1100	1325	4500	1270	DN200	250x150
VSD 30	30	7000	2400	1400	1100	1325	6000	1270	DN250	250x150
VSD 45	45	7000	3300	1900	1600	1700	6000	1420	DN250	250x150
VSD 60	60	7000	3300	1900	1600	1700	6000	1420	DN300	250x150
VSD 80	80	8500	3300	1900	1600	1700	7500	1420	DN350	250x150
VSD 100	100	11320	3300	1900	1600	1700	10500	1420	DN400	250x150
VSD 120	120	13000	4100	2470	2265	1700	12000	2060	DN450	250x150
VSD 150	150	16000	4100	2470	2265	1700	15000	2060	DN500	250x150

INSTALLED POWER TABLE

		VSD10	VSD20	VSD30	VSD45	VSD60	VSD80	VSD100	VSD120	VSD150
K1	kW	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,75	0,75
K2	kW	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,55
K3	kW	0,25	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,37

based on machine con guration, motor power could be different

VSD - COMPACT SYSTEM FOR SAND REMOVAL AND WASHING

