

SAND CLASSIFIER range D

DESCRIPTION



1.0 HOW IT WORKS

- 1.1 It serves to separate and wash sand present in water.
- 1.2 Water enters in the decantation hopper, where solids, after separation, decant on the bottom.
- 1.3 A screw, with a very slow rotation speed, collects all the solids from the bottom and take it out. In this way it is possible to aid the sedimentation and to allow the discharge of material without liquid.
- 1.4 The clarified water flows out from the top side of the decantation hopper.

2.0 HOW IT IS BUILT

- 2.1 The structure is made in AISI 304 stainless steel sheet plate and sections.
- 2.2 The hopper is made in AISI 304 stainless steel, and in its internal are built some panels which avoid the water to overflow.
- 2.3 The trough is made in AISI 304 stainless steel and it is lined with wearproof material which can be replaced. It is completed with front support legs.
- 2.4 The screw is made in Fe 510 carbon steel of high quality and thick, without internal pipe.
- 2.5 Worm gear motor coupled to the screw. Electric motor: 220/380 volt - 50hz - three phase - IP 55 protection class - F insulation class

3.0 COMPONENTS

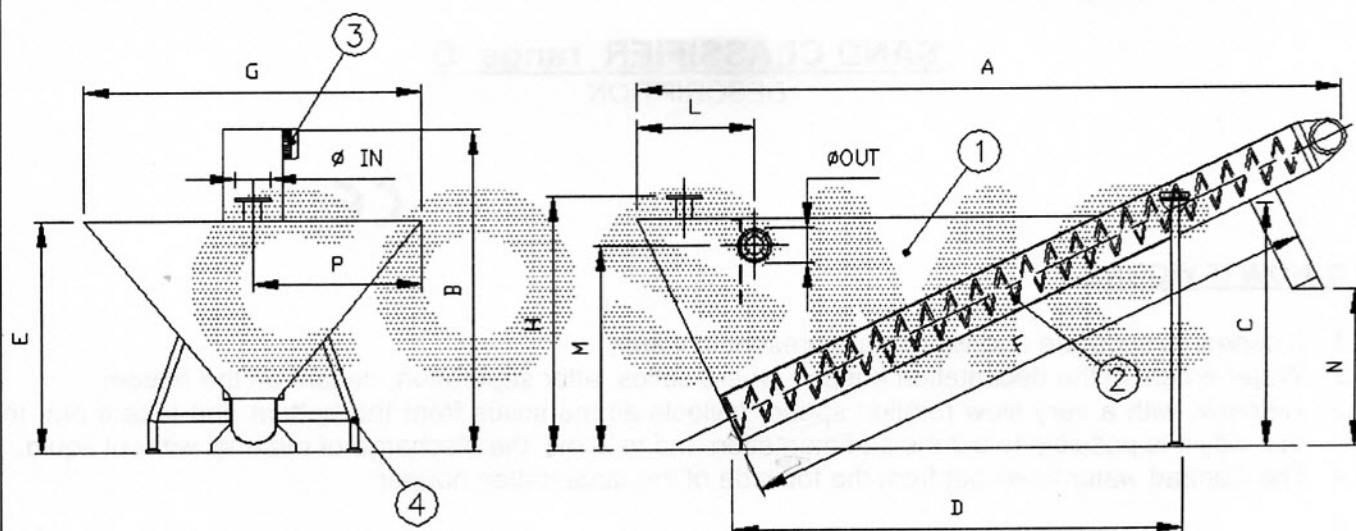
- 3.1 HOPPER made in AISI 304 stainless steel sheet-plate with the properly reinforcement, and finished with inlet and outlet flanges.
- 3.2 The TROUGH is made in AISI 304 stainless steel and it is lined with wearproof material which can be replaced. It is completed with front support legs.
- 3.3 The SCREW is made in Fe 510 carbon steel of high quality and thick, without internal pipe.
- 3.4 The worm reduction gear is coupled to the screw by thrust bearings.
- 3.5 Electric motor: 220/380 Volt - 50 Hz - three phase - IP 55 protection class - F insulation class.

4.0 OPTIONALS

- 4.1 AISI 316 stainless steel version.
- 4.2 Screw made in stainless steel AISI 304
- 4.3 Electric control and protection panel complete with emergency head switch.

CLASSIFICATORE SABBIE SERIE D.

SAND CLASSIFIER RANGE D.



- 1- TRAMOGGIA DI CARICO
FEEDING HOPPER
- 2- COCLEA TRASPORTATRICE
CONVEYOR SCREW
- 3- MOTORIDUTTORE
GEAR MOTOR
- 4- GAMBE DI APPOGGIO ANTERIORI
FRONT SUPPORT LEGS

MODELLO	TYPE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	L [mm]	M [mm]	N [mm]	P [mm]
D 100		4200	1844	1430	2380	1290	3600	1805	1400	820	950	790	685
D 200	✓	5170	2224	1756	3230	1650	4500	2396	1816	844	1458	1125	980
D 340		6122	2647	2187	3230	2038	5500	2396	2238	814	1844	1547	1070

MODELLO	TYPE	ØIN PN 10	ØOUT PN 10	PORTATA CAPACITY [MC/H]	POTENZA POWER [Kw]
D 100		100	150	35	0.37
D 200	✓	125	200	80	0.55
D 340		175	250	100	0.75

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