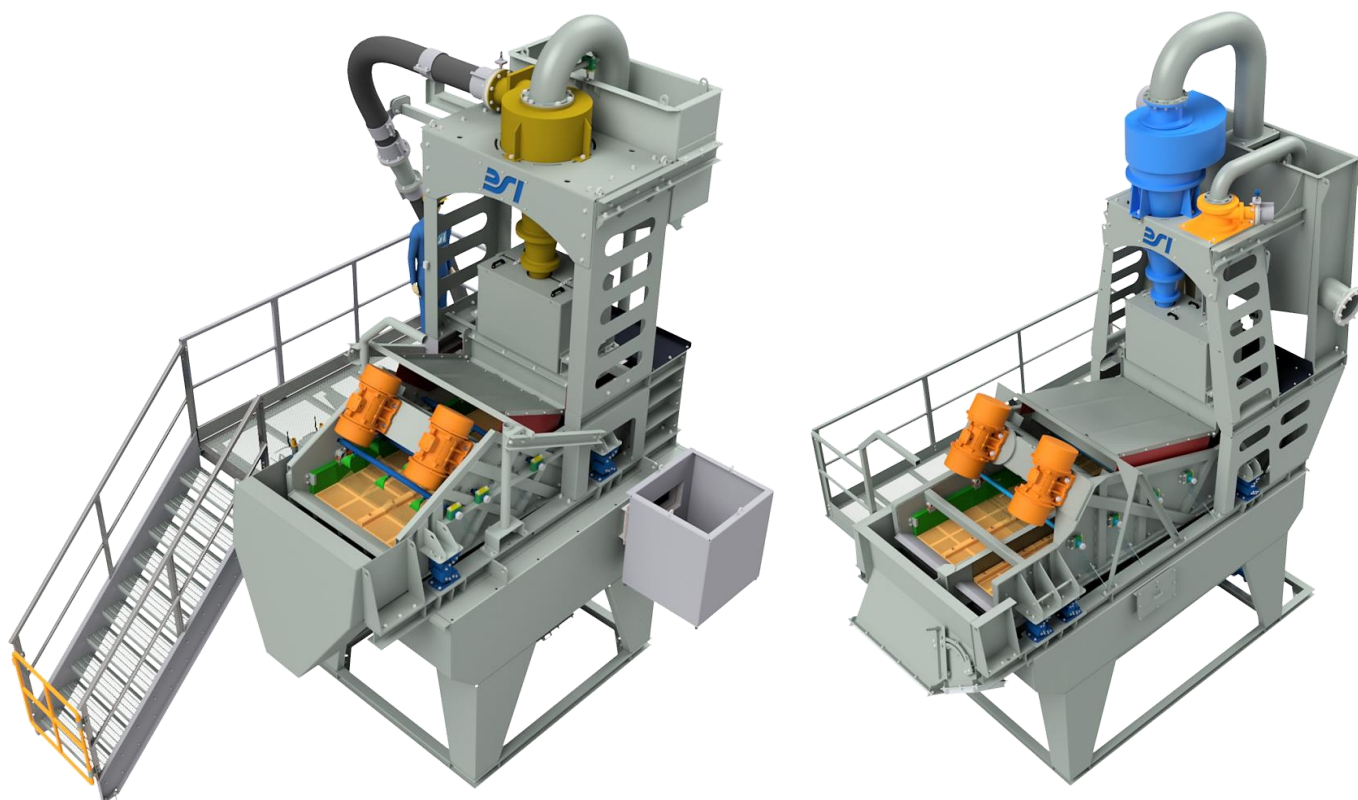


SAND TREATMENT GROUPS WITH HYDROCYCLONES RSC SERIES



B.S.I. srl
SOCIETA' BRESCIA IMPIANTI



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MAIN TECHNICAL DATA

SIZE	CAPACITY Max. Torbid l/1'	CAPACITY Max. Sand t/h	PUMP		CYCLONE DIAMETER "	VIBRATING DEWATERER		WEIGHT (empty) t
			Type "	Motor size kW		Deck dim. mm	Motor size kW	
RSC 11A	2000	40	4/3	15,0	1 x 15	1000x2000	4.0	4.50
RSC 22A	3000	40	6/4	15,0	1 x 20	1000x2000	4.0	5.00
RSC 22B	3700	70	6/4	22,0	1 x 20	1200x2500	6.2	9.00
RSC 31B2	4200	70	8/6	30,0	2 x 15	1200x2500	6.2	10.00
RSC 22C	3700	100	6/4	22,0	1 x 20	1500x3500	17.0	10.30
RSC 33C	6200	100	8/6	37,0	1 x 660	1500x3500	17.0	11.50
RSC 33D	6200	150	8/6	37,0	1 x 660	1800x4000	20.0	12.50
RSC 33D2	7500	200	8/6	45,0	2 x 20	1800x4000	20.0	14.00

The features indicated are not binding and the BSI reserves the right to edit them for commercial reasons without notice. For the size of the machines, please contact the BSI specifying the type of your interest.

TECHNICAL FEATURES

- **torbid storage tank**, steel sheet, equipped with support legs, inspection platform, access ladder, inspection and opening door for rapid emptying. An automatic safety device for pump protection, operates in case of interruption of the flow of torbid to be treated, maintaining, for a minimum time, the level of the same inside the tank, such as to prevent damage to the pump.
- **motor – pump group**, consists of Warman AH series pump for pumping slurry controlled by pulleys from electric motor.
- **supply pipe to cyclone** consisting of a reinforced rubber tube complete with special aluminium flanges.
- **cyclone group** constituted by the hydrocyclone placed on a tank of stabilization of torbid output, which is connected to the general discharge and to the automatic safety device for pump protection.
- **sand dewater group** constituted by drying screen, having the body made of welded or bolted construction, according to the size of the machine. The screen is equipped with:
 - **support system** on steel springs or on special rubber shock absorber ROSTA according to the size of the machine.
 - **draining plan**, equipped with modular panels of polyurethane.
 - **two eccentric weights vibrators**, adjustable when machine is stopped, to vary the vibration amplitude depending on the product to be treated.
 - **adjustable protective cover**, placed to the discharge of screen, to vary the height of the sand layer on the latter, to obtain a more or less intensive drainage of the water contained in sand.
 - **rubber upper protection**, placed in the first half of the screen, for the containment of torbid projections from draining plan.
- **grease lubrication**.
- **basic frame** for supporting group, of considerable strength and rigidity.

