

Plant and Equipment for Sludge Dewatering from Wastewater and Industrial Process

ALCI designs, builds and plants centrifuges and mobile systems for the following kind of factories, industries and fields:



FIELD

- ◆ Ecology / Treatment
- ◆ Industrial
- ◆ Chemical / Petrochemical
- ◆ Food
- ◆ Zootechnical

USES

- ◆ Sludge Dehydration
- ◆ Extraction, Refining and Recovery of Fuel Oils
- ◆ Sewage Treatment
- ◆ Sludge Treatment from Food Processes

SERVICES

- ◆ Mobile Plant renting for sludge dewatering
- ◆ Technical Advice about product placement for plant engineering and building

PRODUCTS

- ◆ Centrifugal Extractors
- ◆ Centrifugal Extractors mobile and based plant for sludge dewatering system

CENTRIFUGES SERIES

Modello BDF Size BDF * / **	Diametro tamburo Bowl Diameter [mm]	Snellezza L/D	Potenza motore principale Main motor Power [kW]	Giri max Tamburo Bowl Max speed [rpm]	Max Accelerazione Max Acceleration [m/s ²]	Lunghezza Length [mm]	Larghezza Width [mm]	Altezza Height [mm]	Mass Weight [kg]	Portata idraulica Hydraulic capacity [m ³ /h]	Versione STD	Versione H
	125	240	3,4	5,5 / 7,5	6.500	55.600	1.400	550	925	600	5	6
300	280	3,7	7,5 / 11	5.900	53.500	2.250	700	1.350	800	7	9	
300 L	280	4,8	7,5 / 11	5.900	53.500	2.750	700	1.350	1.100	10	12	
400	390	2,8	11 / 15	4.000	34.200	2.800	950	1.500	1.700	15	20	
400 L	390	3,8	15 / 18,5	4.000	34.200	3.300	950	1.500	1.900	25	30	
500	500	2,8	30 / 37	3.400	31.700	3.400	1.200	1.800	2.500	40	45	
500 L	500	3,9	37 / 45	3.400	31.700	4.000	1.200	1.800	3.300	50	60	
650	630	3,0	45 / 55	2.250	17.500	4.350	1.500	1.900	5.900	80	90	
650 L	630	4,1	55 / 75	2.250	17.500	5.000	1.500	1.900	6.300	100	110	
800	800	3,4	110	1.900	15.900	6.000	2.000	1.800	11.200	120	130	

*** HYDRAULIC set up (H)**
All set up are in "High Yield" and them can be equipped with hydraulic high-pressure electronically controlled to manage and change the differential speed between screw and drum.

**** Steep set up (R)**
The conical part of the drum may have a configuration further tilted (R=15°) for particular machining requirements and dewatering and thus it can respond to all market demands.

