



YOUR PRETREATMENT HOUSE

SD SLUDGE SCREW PRESS

MANUFACTURED BY
FLUITECO

Designed to dewater municipal or industrial sludge, the SD is the perfect combination of reliability and performance.

DESIGN 2022

The flocculated sludge is transported by a specially designed screw, passing through a wedge wire drum, loses most of the water that makes up the sludge itself.



In the last stage of this process there is a cone which pneumatically regulates the counter thrust in order to obtain high performance.



A self-cleaning screw combined with motorized washing which, running through the entire drum, guarantees cleaning and therefore maximum efficiency.



DESIGN 2022



BENEFITS

FLUITECO SD SLUDGE SCREW PRESS



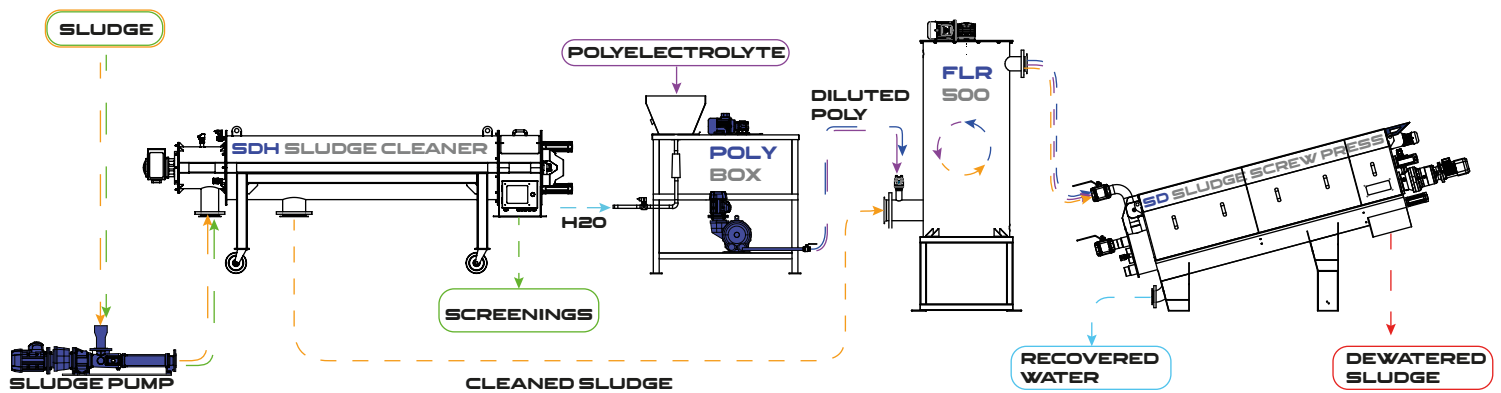
Less than 5% of residual solids

- HIGH RELIABILITY
- LOW ENERGY CONSUMPTION
- COMPACT & FULLY ENCLOSED DESIGN
- LOW NOISE LEVEL
- INDOOR AND OUTDOOR INSTALLATION
- SIMPLE CONTROL SYSTEM
- HIGH AND CONSTANT PERFORMANCE
- SIMPLE & MINIMAL MAINTENANCE



Up to 25%DS

SLUDGE DEWATERING PROCESS



The layout is for illustrative purposes. Different options with **SDS SLUDGE THICKENER** can also be considered.

INSTALLATIONS AROUND THE WORLD

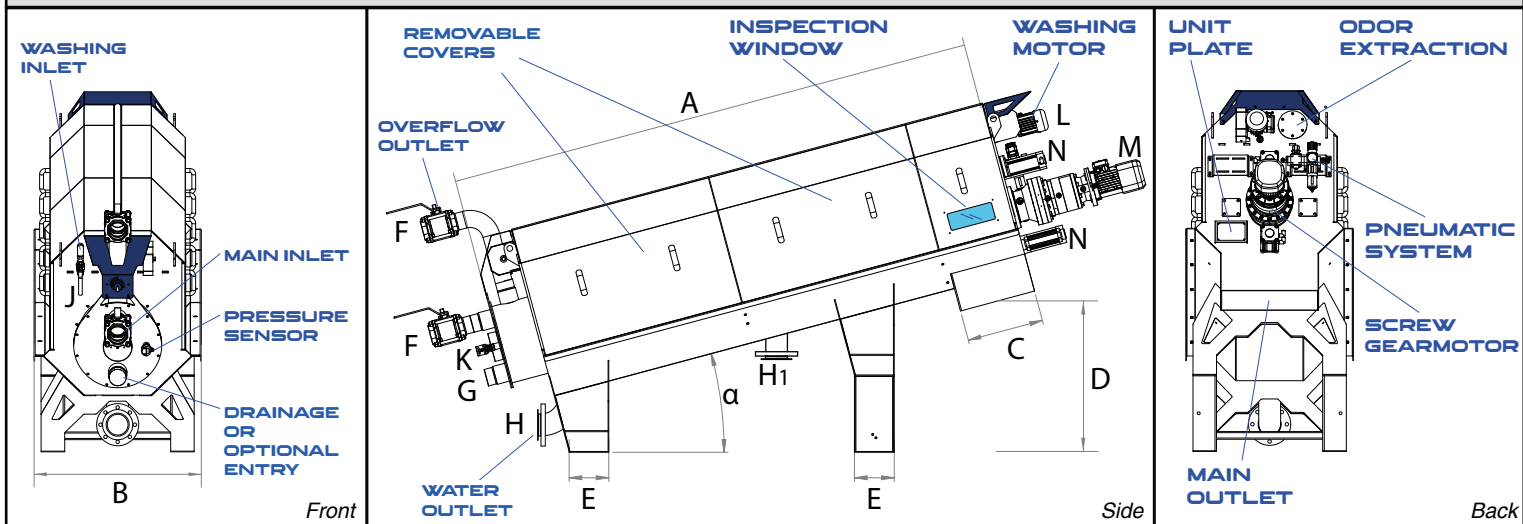


SKID



Fluiteco offers a complete and compact system for sludge dewatering and water recovery.

SLUDGE SCREW PRESS UNIT



TECHNICAL DATASHEET

Model	SD200	SD400	SD700	SD900	SD1200
FLOW					
Solids Content	Hydraulic Capacity m3/hr				
<2%	1,1	3,8	8	16,3	21
3-8%	0,8	1,8	3,9	7,7	15
9-10%	0,55	1,3	2,4	5,1	7,7
FILTRATION STAGES					
Wedge Wire	0,5 0,4 0,15mm		0,5 0,4 0,25mm		
DIMENSIONS					
A	2500mm	2770mm	4200mm		5200mm
B	618mm	874mm	1230mm	1458mm	
C	300mm	400mm			
D	680mm	740mm	760mm	930mm	
E	207mm				
α	15°		10°		
PIPES					
F	2"	3"		4"	
G	3"	4"	5"	6"	
H	3"	4"	5"	6"	
H1	None		5"	6"	
J	3/4"		1"		
Washing l/h	540	600	780	990	
MOTORISATIONS & DEVICES					
K	Pressure Sensor (OPTIONAL)				
L	0,12kW		0,18kW		
M	0,55kW	0,75kW	1,5kW	2,2kW	3kW
rpm	up to 0,86				
N	50/100	80/100			
Air l/s	2-4				
Air System	COMPLETE INCLUDED - IN-BOX SS OPTIONAL				

MATERIALS

Manufactured in SS304 or 316
Painted iron screw option

RELIABLE DESIGN

