



SCREENINGS PRESS DF

SPECIFICATIONS

Throughput	from 0.2 m ³ /h
Outlet dry mass	ca 30 %
Volume reduction	ca 50 70 %
Effluent connection flange	to match the screen
Flushing water connection	""
Filling opening length	to match the screen
Total length	to match the screen
Press pipe diameter	to match the screen
Inclination	3 deg
Protection class	IP 65

CONSTRUCTION

Supporting structure	1.4301 stainless steel
Enclosure	1.4301 stainless steel
Auger	1.4301 stainless steel
Inside pipe	RCH 1000

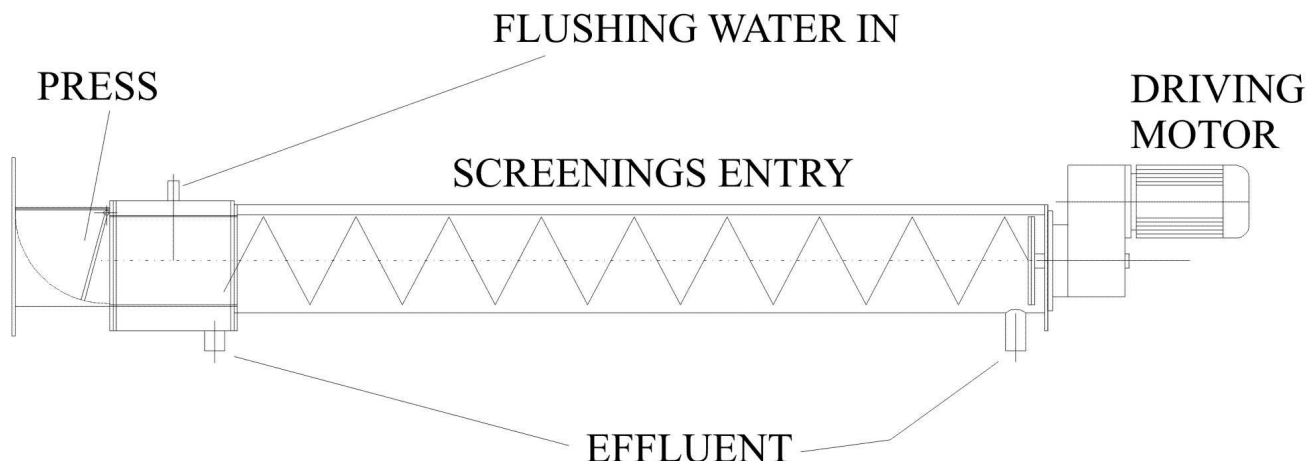
OPTIONS

Flushing water electrovalve

Control: integrated with wastewater treatment facility or clock-controlled

MAIN COMPONENTS

- welded support structure
- filling opening matching screen size
- auger
- pressure element
- flushing holes
- ball valve flushing connection (electrovalve an option)
- effluent





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With the modern highly effective wastewater treatment technologies, the volume of residues as well as the cost of transportation, depositing and burning of the residues have also increased. These costs may be reduced by application of highly effective wastewater screens for separation and compacting the screenings to reduce their volume.

Our screw conveyors incorporating a screenings press (option) can fulfil this demand. Depending on the screenings type, the conveyor with the screenings press allows volume reduction from 30% up to 50%. Until now, fitting small wastewater screens with screenings presses have been too expensive. Our range of small and economic screenings presses with

auger conveyors has been especially designed for use and integration with smaller wastewater screens. As compared with traditional belt conveyors, hermetic auger conveyors offer better hygienic operation environment.

Thanks to integration of the screen with the screenings press, the screen speeds are higher which results in somewhat higher water content of the ejected screenings and supports operation of the conveyor. Reducing the volume of the screenings, the operation costs are lowered and, after some time, a return on investment can be guaranteed.

Specifications of the screenings presses DF with screw conveyor

Version	Motor power [kW]	Press output [m ³ /h]	Total length [mm]	Filling opening length [mm]	For integration with rotary drum screens and rotary screens:
DF PU 100/400	0,55	0,2	730	400	B2
DF PU 100/800	0,55	0,2	1130	800	B4 / D8
DF PU 100/900	0,55	0,2	1230	840	B5
DF PU 100/1200	0,55	0,2	1530	1200	B6 / D12
DF PU 230/800	1,10	1	1830	800	D8 / DMS 800
DF PU 230/1200	1,50	1	2250	1200	D12 / DMS 1200
DF PU 230/1600	1,50	1	2650	1600	D16 / DMS 1600
DF PU 230/2400	2,20	1	3450	2400	D20/D24/D45
DF PU 230/3000	3,00	1	4180	3000	D60

NOTE

With minor design modifications, a self-contained auger screenings press can be obtained.