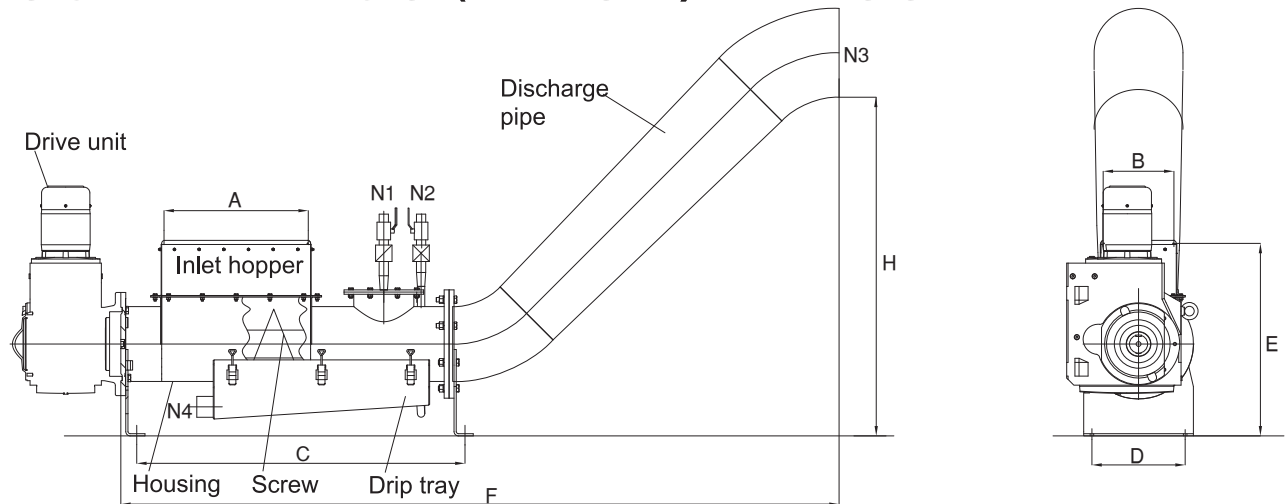


# SCREENINGS (WASH) PRESS



Solid waste materials which are captured by screens have large volume and their volume must be reduced by means of compacting process. Screenings washpress is for washing, dewatering and compaction of screenings and it is extensively used in medium to large size treatment plants. Necessary compaction in the press is provided by backpressure which is created by accumulated solid waste in discharge pipe.

Screening wash press consists of following main parts;

**Inlet hopper:** Debris captured by screens are dropped in to screening wash press inlet hopper via conveyor. Inlet hopper is made of stainless steel sheet metal and mounted to screw housing by bolts.

**Housing:** Housing covers the screw and incorporates major parts mounted on it. It is manufactured from stainless steel.

**Screw:** The screw located on a shaft convey screenings to discharge pipe and exert a pressure on them. Two type screws having different pitch dimension are used is for conveying and pressing zones. They are manufactured from hardened steel material as standard application. Stainless steel material is available upon request.

**Discharge pipe:** Screenings are pushed to discharge pipe continuously so necessary backpressure for compaction is provided by the friction force of accumulated solid waste in discharge pipe. Compacted screenings are discharged to a conveyor from end of the pipe. The part is manufactured from stainless steel pipe and dimension is different for each model. For dimensional informations please refer to the table.

## Flushing points

There are several flushing points where pressurized water is injected to wash screenings:

- N1 To pressing zone
- N2 To drip tray

**Drip tray:** It is located at bottom of the equipment to collect water excess. The part is manufactured from stainless steel.

**Drive unit:** Drive system is consisting of a motor which has IP 55 class protection as standard and a gearbox to reduce motor output speed and supply suitable rotation speed for screw.

## Optional accessories:

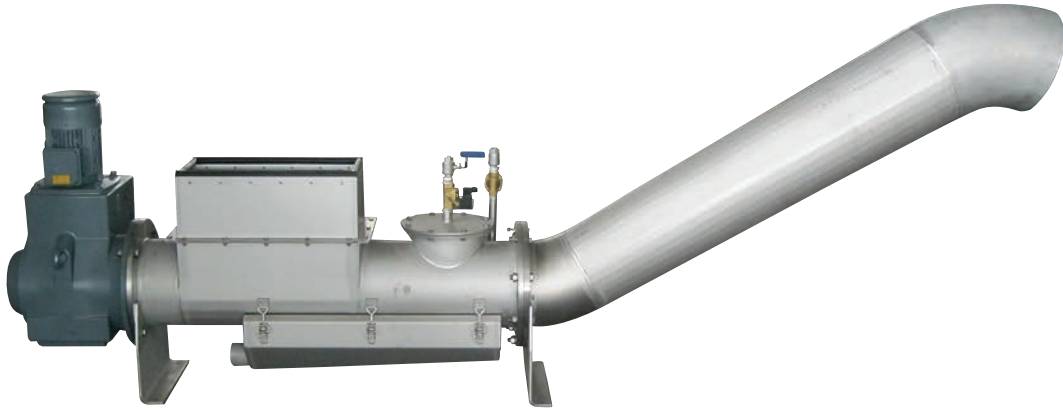
- Heater for discharge pipe
- Unit control panel

Specification	Model	SWP200	SWP250	SWP300	SWP400
Capacity, m <sup>3</sup> /h		1.4	3.2	4.7	9.8
Dimensions, mm	A ( max )	750	750	750	750
	B	260	260	260	260
	C ( min )	1200	1200	1200	1200
	D	290	340	390	440
	E ( min )	700	700	700	700
	F	A+2070	A+2070	A+2070	A+2070
	H	1000	1200	1400	1800
	N1	DN20	DN20	DN25	DN25
	N2	DN20	DN20	DN25	DN25
	N3	DN250	DN300	DN350	DN400
N4	DN65	DN65	DN65	DN65	
Motor power, kW		1.1	1.5	2.2	4
Weight, kg		395	490	590	785

MAN 2210 06.09-E



# SCREENINGS WASH PRESS



**MASS ARITMA SİSTEMLERİ İNŞAAT SANAYİ VE TİCARET A.Ş.**

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