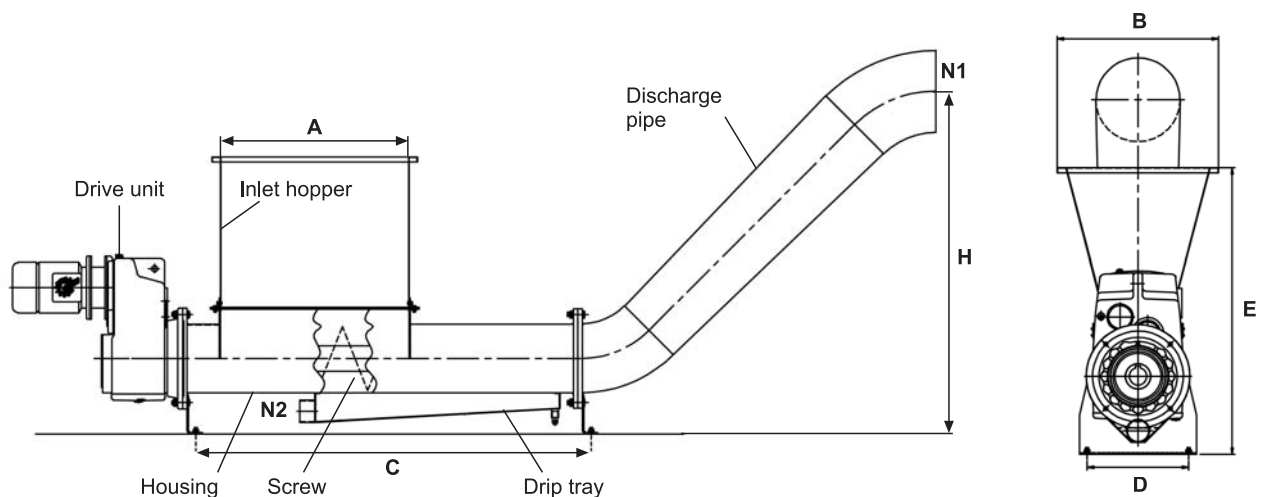


# SCREENINGS PRESS



Solid waste materials, which are captured by screens, have large volume and their volume must be reduced by means of compacting process. Screenings press is for 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 press consists of following main parts;

## Inlet hopper

Debris captured by screens are dropped into screening 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 is located on a shaft to convey screenings to discharge pipe and exert a pressure on them. It is manufactured from hardened steel material as standard application. Stainless steel screw 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 information please refer to the table.

## 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 which enable interlocked operation with conveyor and screen

Specification	Model	SP200	SP250	SP300	SP400
Capacity, m <sup>3</sup> /h		1.4	3.2	4.7	9.8
Dimensions, mm	A	750	750	1000	1000
	B	500	600	700	800
	C	1550	1550	1725	1925
	D	340	390	440	540
	E	1100	1100	1250	1400
	H	1000	1200	1400	1800
	N1	DN250	DN300	DN350	DN450
	N2	DN80	DN80	DN80	DN80
Motor power, kW		1.1	1.5	2.2	4
Weight, kg		395	490	590	785

MAN 2220 06.09-E



# SCREENINGS PRESS



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