



Twin Screw Press

For pressing liquids from cooked fish or meat in a wet rendering process

The Haarslev twin screw press ensures efficient mechanical dewatering and reduction of the oil/fat content, which improves processing and increases the energy saving potential.

The twin screw press attains a condition of high compression resulting in a low moisture and oil/fat content in the press cake.

The Haarslev twin screw press, can be delivered as a conical or a cylindrical press.

One of the advantages of the conical type is that the flights of

one screw reaches almost into the core of the other screw. The result is minimum slip in the press and a more uniform press cake.

Operation

The twin screw presses are easy to operate, and the performance is easy to monitor. The closed design ensures effective deodorisation, and the combination of electronic control and instrumentation enables automatic safeguarding against overload. The variable screw speed provides for the flexibility necessary to cope

with various raw materials and capacities.

The screw flights can be manufactured with stainless steel tips, which increase the operation time between maintenance works.



Design

The press consists of two interlocking screws enclosed by a strainer shell and surrounded by a cover. The flights' geometry can be cylindrical or conical depending on the performance required and the type of material being processed. The screws rotate in opposite directions, preventing the material from rotating with the screws. The strainer cage consists of perforated stainless steel plates surrounded by mild steel supporting plates, which are supported by heavy steel bridges. The strainer plate holes vary in size of the press from inlet to the outlet from 5 to 1 mm.

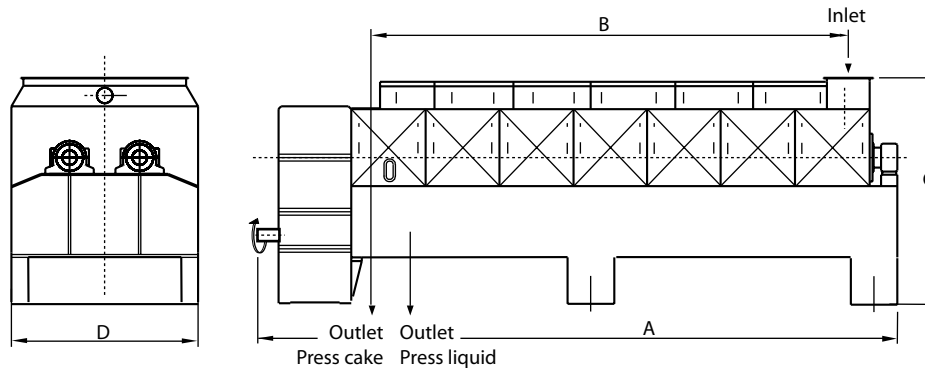
Specifications:

- Inspection doors on both sides of the cover in its full length.
- The cover and the inspection doors are made of stainless steel.
- The cover is equipped with a suction branch for vapourisation.

The mild steel frame is supported on feet and is bolted to the gear housing.

At the inlet end the press screws are supported by self aligning roller bearings. At the other end the shafts are flanged to the main gear shafts.

The twin screw press is supplied with an electric motor, V-belt drive, frequency converter for variable screw speed and a special helical reduction gear, which provides for a long life time.



	Nominal capacity raw material 1000 lbs/hour	Power HP	Dimensions in inches				Net weight in th. lbs
			A	B	C	D	
TP24	5.5	10	147	71	41	47	8
MS41	28.5	40	174	121	63	42	20
MS49	39.5	60	224	154	71	59	29
MS56	55	75	260	191	75	57	45
MS64	88	150	291	211	85	68	53
RS64	110	150-200	328	248	85	68	60

The overall dimensions in the table refer both to conical and cylindrical presses while the capacity refers to cylindrical presses only.

We reserve the right to alter the specifications at any time without prior notice.



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