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# TG-MACHINES

PROCESS ENGINEERING

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## Twin Screw Press

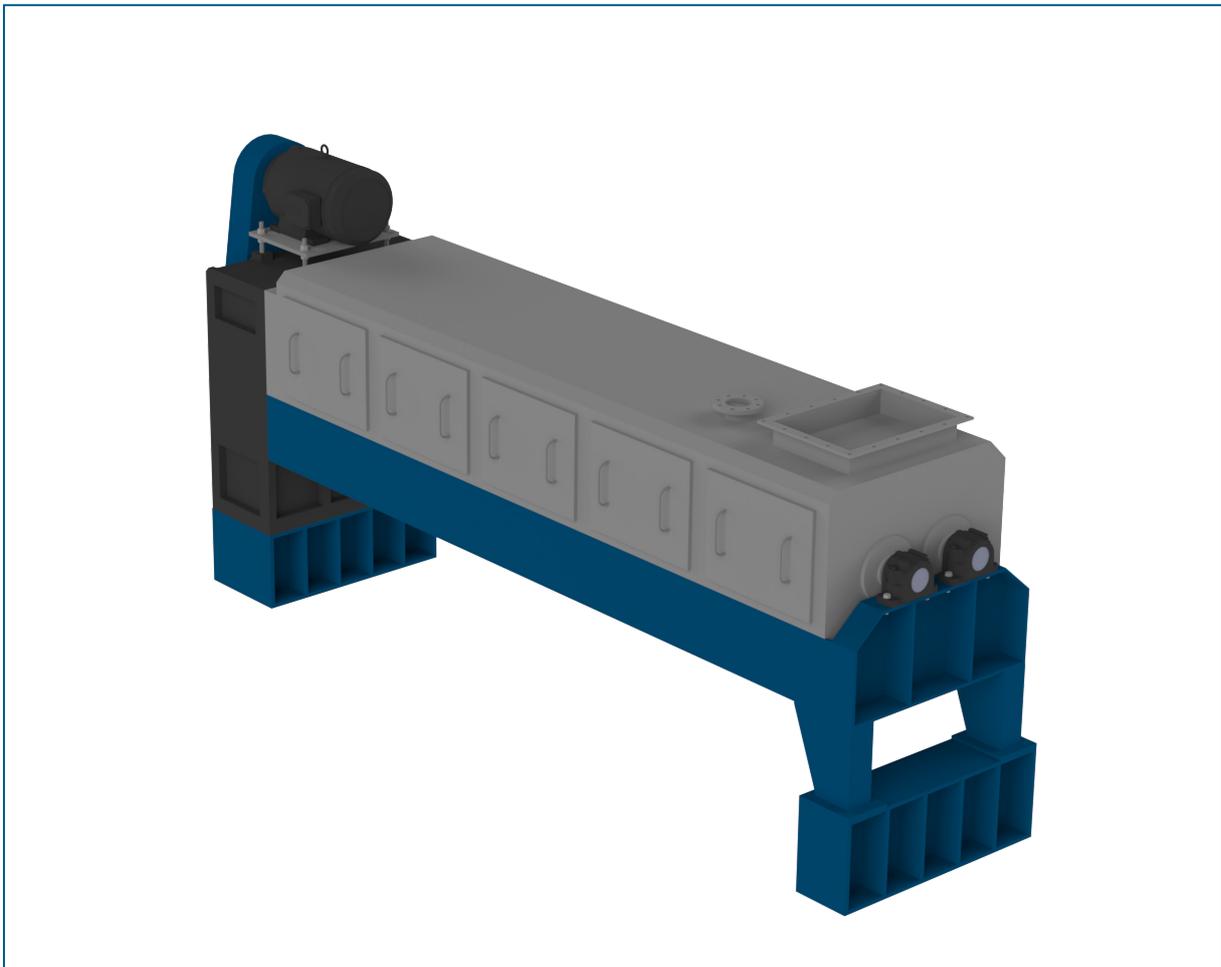
TG-Machines Twin Screw Press is mostly used in the wet rendering process. It is perfect for extracting liquids from previously cooked raw material. These machines provide an excellent way of removing water from the content of fats and solids in cooked fish and meat residues. Twin Screw Press offers the highest quality and reliability. The screws can be adjusted to rotate at different speeds to provide the flexibility needed to handle different volumes of raw material.

Energy efficient

Varying compression ratios

Reliable and durable

Screws variable speed



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### TECHNICAL DATA:

Model	Capacity raw material [ton/hr]	Dimensions [mm]			Power [kW]	Weight [kg]
		L	W	H		
TSP-02	2	4100	1200	1300	9-11	3.5
TSP-05	5	5450	1350	1600	18-22	7
TSP-10	10	4500	1500	1700	30-37	9.5
TSP-18	18	5900	1800	1900	45-55	14.5
TSP-25	25	6900	1900	2100	55-75	22
TSP-40	40	7600	2150	2400	90-110	26
TSP-50	50	8500	2150	2400	90-132	30

Twins screw press is rotating at slow speed ensuring high solid content in the press cake. Machine is built form two cylindrical spindles with welded flights. Solid frame and tray is placed under the screws. Robust gearbox is ensuring very high torque during the pressing. All worn out elements can be replaced easily and fast.

### **Application:**

- ⇒ Mechanical drainage
- ⇒ Feather processing
- ⇒ Wet rendering process
- ⇒ Picking up liquid from cooked fish or meat