

TT PressureScreen

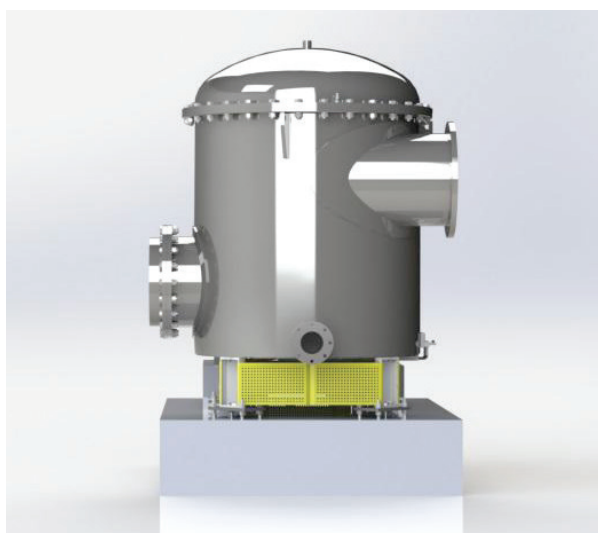
The **TT PressureScreen** is designed to be installed in the approach flow system, as final protection before the headbox, and can be operated with a wide range of raw materials from virgin fibers to recycled paper. The screening effect of the **TT PressureScreen** is **excellent thanks to the centrifugal action of the multi-foil rotor that has a special shape engineered to enhance deflocculation and contaminants separation, reducing, at the same time, fractionation and pressure pulsations to the minimum**. Rotor clearance can be easily adjusted

and it is possible to quickly replace the foils. The basket is profiled and electro-polished as standard and can additionally be chromium plated. The fluid dynamics internal to the screen body have been studied in order to have constant speed through the basket in all zones, from inlet to accept, and avoid accumulation of deposits. Electrical power consumption is very low and pressure drops are minimized. The unit is completely manufactured in stainless steel, electropolished inside, and can be equipped both with single and double mechanical

seals. Maintenance downtime has been reduced to the minimum and, additionally, the basket can be removed for washing without dismantling the rotor. The **TT PressureScreen** is available both in vertical and horizontal design, depending on the screen size. The versatility of the **TT PressureScreen** is highlighted by the possibility to fit this unit with a wide range of filtering baskets with holes of various diameter and with slots and to operate it with all stock suspensions at low consistency and also as dilution headbox screen.

HEADBOX AREA

- Available both in vertical and horizontal design
- High Versatility



Model	AFS0.2H	AFS0.5	AFS2	AFS3	AFS4	AFS5	AFS6
Design pressure (bar)	10	10	10	10	10	10	10
Hydraulic capacity with holes (l/min)	4000	10000	40000	60000	80000	100000	120000
Hydraulic capacity with slots (l/min)	3000	7500	30000	45000	60000	75000	90000
Working consistency (%)	0.12-1.40	0.12-1.40	0.12-1.40	0.12-1.40	0.12-1.40	0.12-1.40	0.12-1.40
Installed power (kW)	18.5	22	45	55	75	90	110

