

TT SYD



The evolution of experience.

The Steel Yankee Dryer **TT SYD** is a revolutionary product for the world of tissue production. Thanks to its remarkable experience in manufacturing steel dryers for paper & board machines, Toscotec developed this concept, finally installing its first **Steel Yankee Dryer** in year 2000.

Due to its innovative technical characteristics and to its construction, **TT SYD guarantees a higher drying capacity and significant energy savings** when compared to conventional cast iron Yankee dryers.

Each **TT SYD** size features a high flexibility in defining paper sheet width on the face length. Toscotec's broad manufacturing experience assures the highest construction quality of **TT SYD** and an absolute operating reliability. Manufactured, tested and stamped according to European (PED), American (ASME), P.R. China (CSEI) and Japanese (JIS) regulations, TT SYD is capable to operate up to 10 bar(g) of steam pressure.

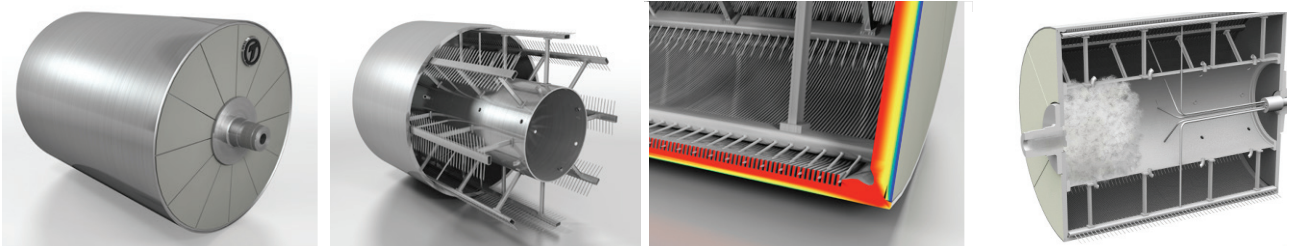
Among the various features one of the most appreciated is that, given the same face length of the dryer, the

design of the **TT SYD** with flat heads allows for a wider tissue sheet to be dried. This advantage is of great interest in case of replacement of an existing cast iron Yankee. Even using the same Yankee framing it is possible to increase the net sheet width at the Pope reel allowing thus Toscotec to be very competitive in offering reliable and fast pay back solutions for rebuilding projects in tissue industry.

TT SYD patented head thermal insulation is also available for providing reduction of the heat losses, increasing the energy saving.

Benefits

- Increased Heat Transfer Coefficient
- Patented Head Insulation
- Reduced Maintenance
- Intrinsically Safe
- ASME, CHINA CSEI, JAPANESE JIS or PED Certified Pressure Vessel Coded



TT SYD	2500MM	3200MM	12FT	15FT	16FT	18FT	20FT	22FT
Diameter (mm)	2500	3200	3660	4572	4876	5486	6096	6705
Max Net trim width (mm)	3600	3600	5600	5600	7620	7620	7620	7620
Maximum load	95 kN/m	95 kN/m	120 kN/m	120 kN/m	120 kN/m	120 kN/m	120 kN/m	120 kN/m
Max operating pressure	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar
Code	ASME, CSEI, JIS or PED	ASME, CSEI, JIS or PED	ASME, CSEI, JIS or PED	ASME, CSEI, JIS or PED	ASME, CSEI, JIS or PED	ASME, CSEI, JIS or PED	ASME, CSEI, JIS or PED	ASME, CSEI, JIS or PED

Yankee Dryer Service.

A check-up right in the very heart of the machine. Yankee dryers operate in extremely difficult conditions. To monitor their state and maintain their efficiency, Toscotec has a team of specialists on standby to perform periodical tests and specific measurement campaigns.

- Metalized coated surface inspection;
- SYD internal inspection and condensate removal system check;
- Structural welds checks;
- MPI Ultrasonic Test on the connecting bolts.



For more information:

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