

PRODUCTIVITY MEETS ENERGY

WELCOME

PRODEERGY



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# PRODEERGY

## UNIQUE TECHNOLOGY

because of its integrated Toscotec-Milltech drying technology, which achieves the maximum possible synergy between Yankee conduction and hood convection

## DESIGNED FOR YOUR NEEDS

both designed to meet the specific needs of paper mills

## ECO-SUSTAINABILITY

with a special focus on the cost and availability of local energy resources

**MICHAEL NEEDS  
TO INCREASE  
PRODUCTION**

COMMERCIAL DIRECTOR

**TIAN NEEDS  
TO REDUCE ENERGY  
CONSUMPTION**

TECHNICAL DIRECTOR

**THE NEW PRODERGY** is the first tissue machine that combines **top performance in terms of production and end product quality with maximum energy efficiency**, as a result of the special design of the drying section.

We know quite well that competitiveness means business results and for us every machine is like an athlete's body: a complex system that has to achieve the best possible performance in order to deliver a real competitive edge in the marketplace.

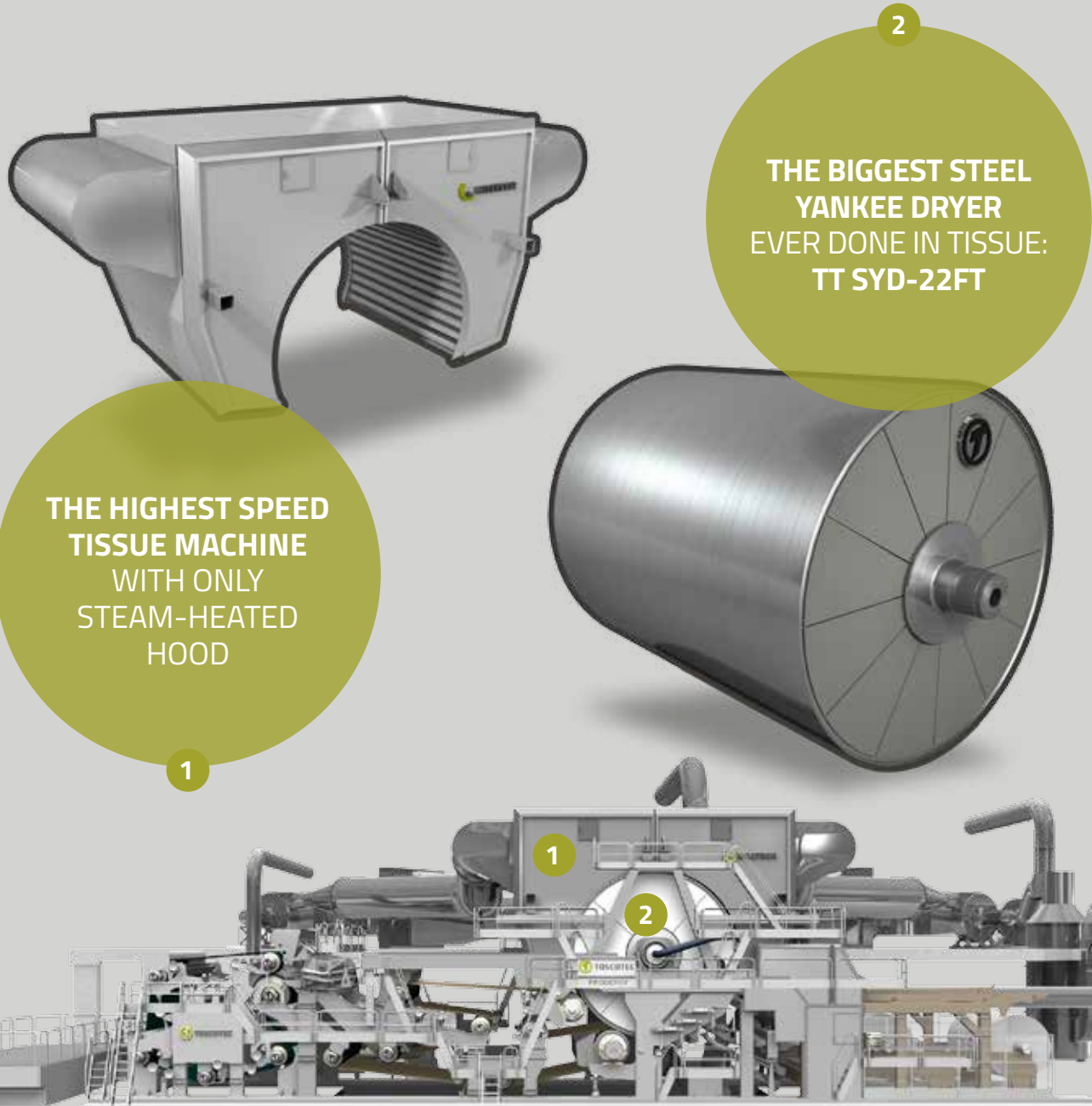
**PRODERGY** has a table width of 5,600 mm and an operating speed of 2,000 mpm. It is fitted with a steam hood and the biggest steel Yankee dryer ever built for tissue paper production. Toscotec, the inventor of Steel Yankee Dryer technology and a global leader in its application, **today produces the units with the largest diameter and table width**, significantly improving the production capacity of the entire plant.

**PRODERGY** extends the AHEAD 2.0 line of tissue machines, the company's best-of-breed range which represents the state-of-the-art for Toscotec technology, **designed to satisfy all production needs** in terms of both the type of raw materials used and the quality of the end product.

The Prodergy consists of a five roll cantilevered Crescent Former with a  $\varnothing$  1540 mm forming roll, a multilayered headbox (TT Headbox-MLT), an hydraulically loaded cantilevered double presses section, a Steel Yankee Dryer TT SYD-22FT (6705 mm) working at max 10 bar(g), hydraulic Pope reel type TT Reel-H+ featuring linear secondary arms with reel diameter of 3000 mm and a steam heated hood by Milltech.

An alternative upgraded solution of Prodergy can include the new TOSCOTEC shoe press (TT-XPress), a version of pope Reel-H+ featuring spool drive assist and enhanced automatic reel spools magazine.

A flexible design with tailor made solutions, plus over 65 years' experience delivering turnkey projects and refurbishing existing lines, make Toscotec the leading supplier of tissue machines on the world market.



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