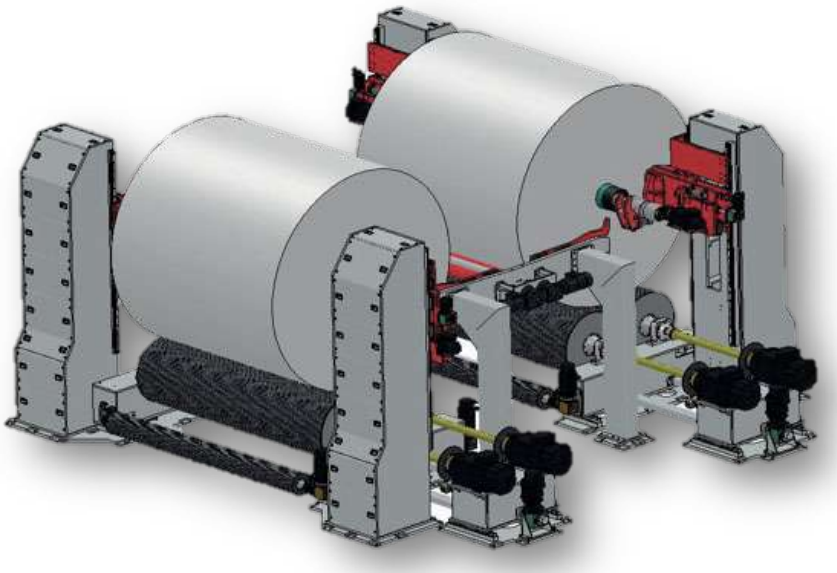
Tissue Unwinders



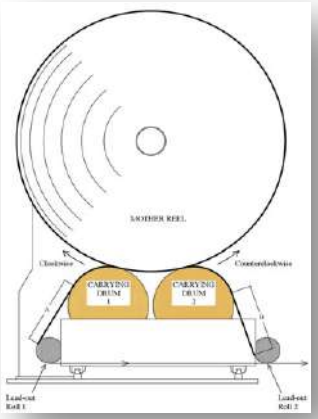
TP-Soft Touch Unwinder

The innovative winding concept of Tecnopaper for Super Soft Tissue

The main features of the TP-Soft Touch Unwinder are two large diameter carbon fiber rolls (driving rolls) – independently driven by variable speed motors, sustaining the reel and giving it the rotation movement – and a centre drive assist, still with variable speed motors, that nullifies the rotation inertia, thus avoiding any torsion effect in the structure of the reel.

This unwinder offers also a high production efficiency thanks to its automatic functions of reel change and return of the empty spool to a parking station. Its control system with double load cells allows to obtain constant and extremely precise measurement and control of the NIP of the reel on the driving rolls during the entire unwinding phase; the accurate relieving movement is obtained by an electromechanical system.The TP-Soft Touch Unwinder DOESN'T GIVE any deformation to the tissue reel and it can be installed in Converting Lines as well.

Another important advantage offered by this type of unwinder is that the free paths "A" and "B" (no matter which is the reel rotation direction) are very short and remain the same during all reel unwinding phase. So they do not represent a factor limiting the working speed of the line.
On traditional "Belt" type unwinders, where the rotation centre is fixed, these two paths increase while the reel diameter decrease, thus reducing the web stability and obliging in many cases to reduce speed or to increase web tension·



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