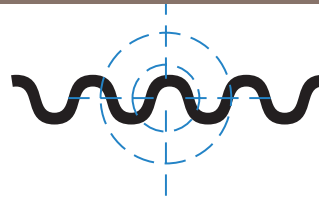




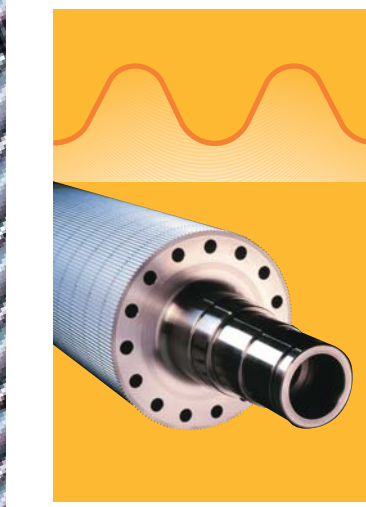
PRECISION CORRUGATING COMPONENTS SINCE 1930



TREATMENTS AND COATINGS

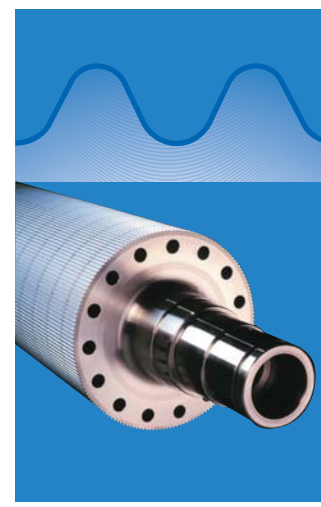


Based on individual customer specification, Terdeca suggests the most suitable heat treatment or coating, taking into account type of fluting papers being run, customer working conditions and production needs. After heat treatment or coating, all rolls are once again checked, for the accuracy of the final dimensions.



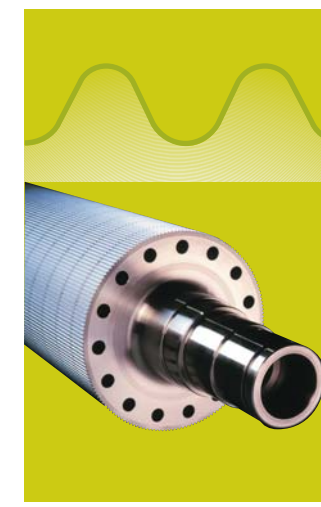
Tungsten carbide

Maximizes life of roll.
Uniform board caliper for the life of the rolls.
Roughness 0,3 mRa
Coating depth 0,05 mm (0,002")



Mitsubishi chrome plating

Higher density and considerably extended life of roll over NUchrome.
Roughness 0,2 mRa
Plating depth: MHI 0,15 mm (0,006")
DAIYA 0,05 mm (0,002")



NUchrome plating

Better runability and considerably extended life of roll over standard chrome.
Roughness 0,2 mRa
Plating depth 0,10 mm (0,004")



Super Hardening

Good compromise between costs and performances.
Ionitration plus high frequency induction hardening.
Hardness 62HRC
Roughness 0,5 mRa



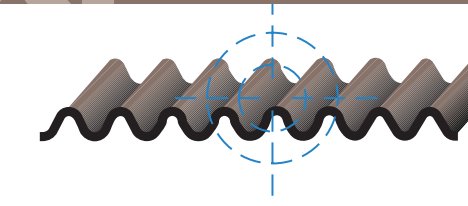
One of the eight latest generation CNC grinding machines working at Terdeca facilities.



PRECISION CORRUGATING COMPONENTS SINCE 1930



PROFILES



Terdeca manufactures corrugating rolls using its exclusive profile designing concept, which suggests the best flute form according to customer requirements, take-up factor, and board strength, along with analyzing paper grades and single facer type.
Once the profile is chosen, Terdeca verifies and optimizes flute shape according to the thickness of medium papers to be used and to the fluting formation labyrinth.

EQUIRADE



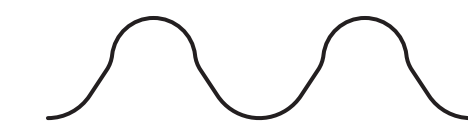
Designed by Terdeca, EQUIRADE profile gets top and bottom radiuses connected by two circumferential arches with no straight lines between them. It's recommended to customers running both light and heavy papers.

V PROFILE



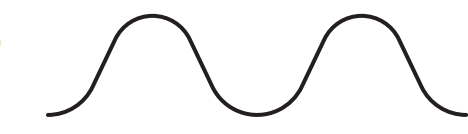
The main characteristic of V PROFILE is that it gets smaller radiuses than those of the traditional profile. These small radiuses, by having constant pitch and height, reduce the take-up factor and increase the mechanical characteristics of the board. The use of this profile style is strictly related to the type of single facer.

MUSHROOM

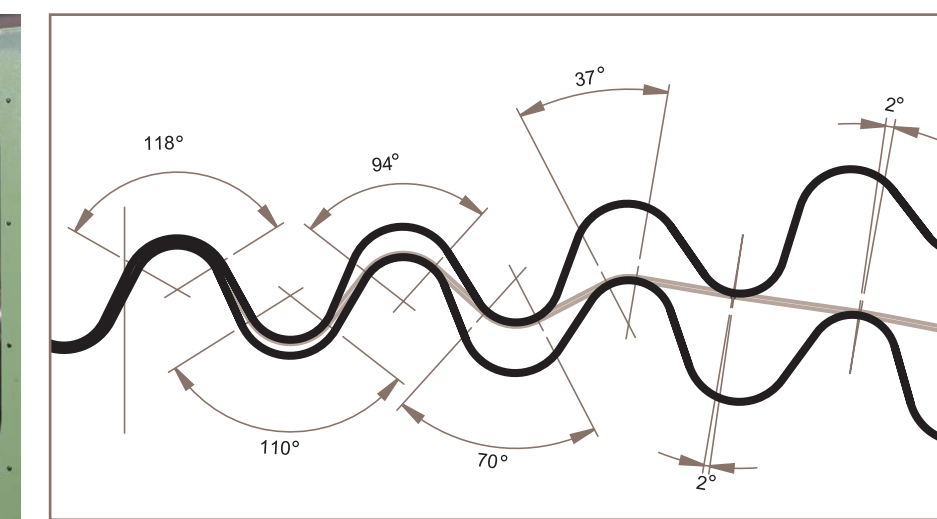


The shape of the MUSHROOM profile allows a wider clearance on the flanks compared to traditional profile. In some cases it's a good alternative to Equirade Profile.

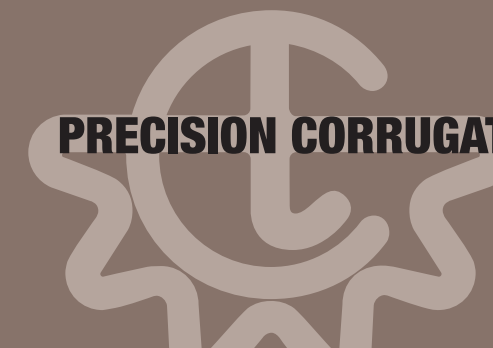
TRADITIONAL



In the TRADITIONAL profile top and bottom radiuses are connected by a straight line. It's recommended to customers running a small range of fluting paper grades.



Tailored profile design for your production needs.



PRECISION CORRUGATING COMPONENTS SINCE 1930



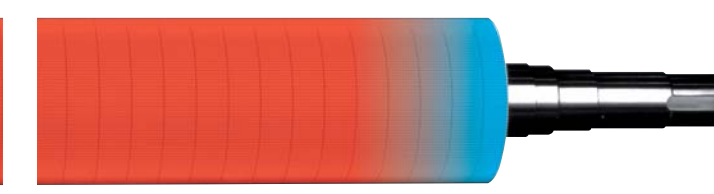
RVL THE PERIPHERAL HEATING

The Terdeca RVL is the original revolutionary patented system based on a new concept of heating system in the corrugating rolls. The steam circulates in a series of longitudinal holes around the outer circumference of the rolls near the fluting formation surface.
The RVL system can easily be installed on all single facers in the market.
More than 1400 sets of Terdeca RVL peripheral heated corrugating rolls have been installed all around the world.



RVL

- Uniform temperature over the whole roll width.

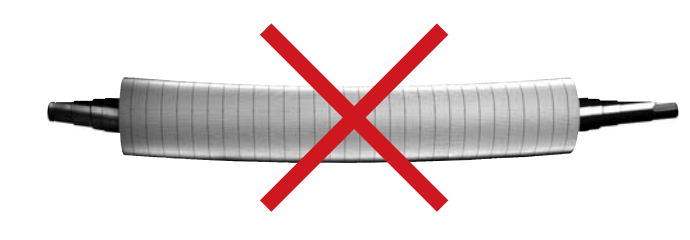


Traditional



NO CONDENSATE ACCUMULATION

- No preheating time for cartridge single facers.
- Better heat exchange.
- Straight siphon pipe, no maintenance.



NO ROLL DEFORMATION



SHORT PRE-HEATING TIME

- No waste is produced when starting or re-starting production.
- Higher surface temperature at the same steam pressure.
- Simple steam connection.





PRECISION CORRUGATING COMPONENTS SINCE 1930



Terdeca was founded in 1930 as a producer of equipment for the paint industry. By 1935, the company had begun to manufacture, regrind and rebuild corrugating rolls. Acquired by Mr. Giovanni Gambini in 2000, **Terdeca** is now owned by the **CMG Group** and is one of the leading producers of corrugating rolls world wide.

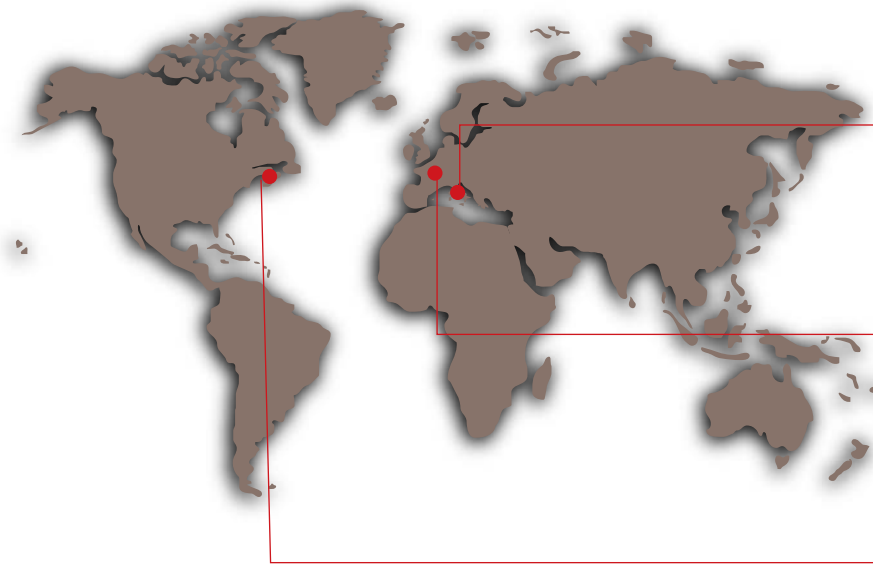
Currently, there are 120 people working for **Terdeca CMG Group**, of which, 20 are dedicated to the research and development of roll technology. From its two locations in Italy and one in France, this last operating since 1998, **Terdeca** produces corrugating rolls for every type of single facer. The French operation specializes in regrinding and coating corrugating rolls for the French market.



CMG Group Headquarter



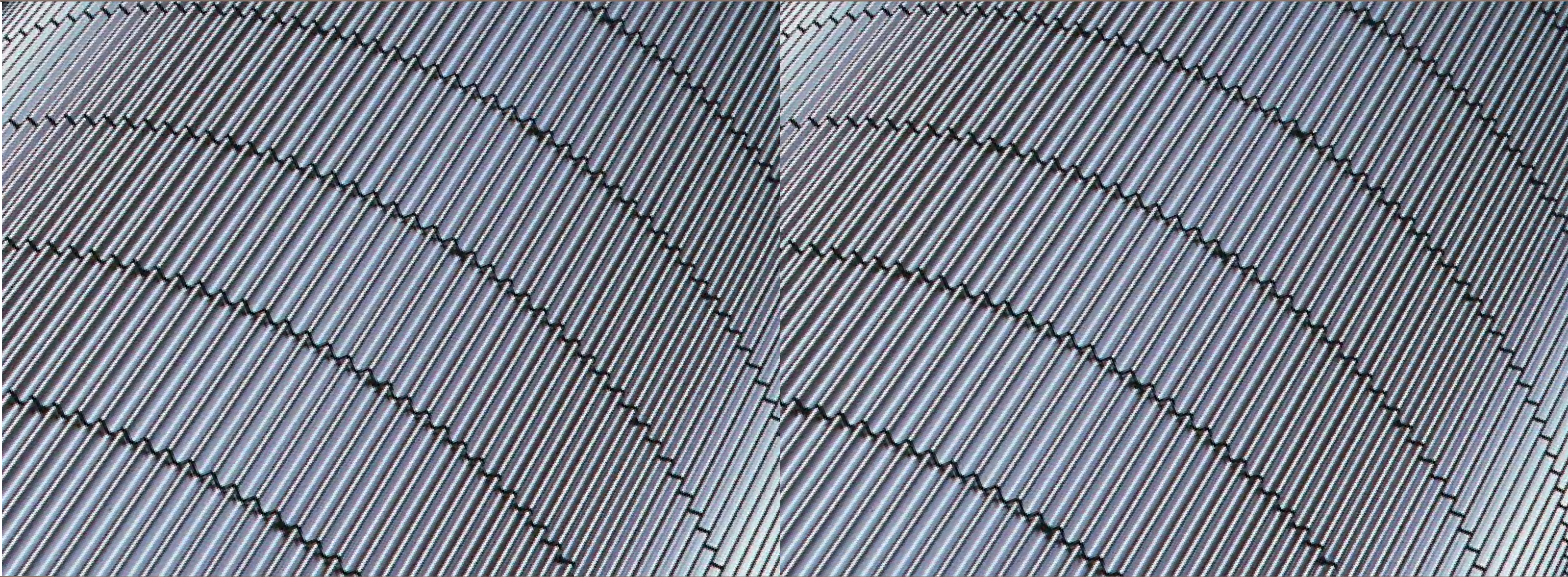
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