

TEN MOTIFS WHY CHOSING REGLASS ROLLERS

Higher velocity and a much lighter weight	The rollers produced by Reglass normally have double critic velocity in confronting to iron rollers, and with a weight that is 10-15 times inferior.	01
Larger formats	Thanks to their stiffness and their lightness , the films working formats can turn larger and so increase the plants production.	02
Minor starting times	Thanks to the low inertia and so to a major accelerating one can notice a reduction of the plants starting times.	03
To a large part they do not need motorization	Metalic rollers - often due to their weight and the lightness of the films they are transporting - have to be motorized and governed by complicated electronical systems so as to not iron or strap the film. The Reglass roller's lightness is such that even a light tension of the film is able to move the rollers. In that way one saves in motorization: energy, drives and system control.	04
Major precision of the load cells	Rollers that flips - or are anyhow mounted onto the load cells - realized in carbon fiber, weight much less and their tare is much lower. This means that the effective tension can be read with more precision and quicker than smaller load cells.	05
Diametric reduction	The Reglass technology permits the construction of rollers with an inferior diametric surface. This implicts notable advantages in terms of efficiency and compactness on the line, i.e. a large saving.	06
Improvement of the areodynamic fluxus	During dragging the inferior diametric area permits a minor air transfer that, if persisting, at high speed, would create a strong turbulence. The material transported by the rollers is therefore more protected.	07
Reduction of the contact surfaces	Another advantage with the reduction of the diameter is constructed by the reducing, in winding angle parity, the area of contact between film and roller. That means minor possibility of damage to the film and a minor interference on it's track.	08
Major freedom while projecting the machine	Thanks to inferior diameter it is possible to take advantage of larger spaces and to decide, in great freedom, the angles of entrance and exit, and the distance of the rollers.	09
Reduction of the loads on the machine structure	Using rollers that are produced with the Reglass technology, permits the increasing of the velocities and work format. In this way one significantly reduces the loads that acts on the structure.	10