

INNOVATIVE CAST LINE FOR THE PRODUCTION OF CPP FILM

At the beginning of this year AMUT GROUP presented one of the first cast film lines from ACP series for the production of CPP film.

This line, 2100 mm width, has been specifically designed for the **production of film with smooth surface for general purposes and for the production of film with embossed surface for stationery applications**, such as folders for documents.

The chill roll group consists of main and secondary chill roll.

In order to be able to produce both type of the CPP film surfaces, the line is equipped with two different chill rolls. The **roll fast change system** enables the exchange of the main chill roll from one to another type in extremely short time.



This line is considered a flagship project in this field also for having a 4-layer multi manifold die which allows an extremely accurate distribution of the layers by using 4 extruders.

Depression air blade Mod. DV™ is installed behind the extrusion die

to change the position of the die towards chill roll as well as the film chill roll touching angle and to eliminate completely orange-peel defect.

DV™ air blade unit has very small surface for air sucking, so smaller sucking surface on the same vacuum force increases the vacuum level, thus drastically reducing the quantity of waxes condensation on chill roll, for better refrigeration, haze and gloss of the film and cleaning action on the chill-roll.

The **independent rotary arm type winder** is equipped with an innovative in-line cutting system for the production of finished rolls without any reduction of maximum winding diameter even when running multiple rolls in winding and with absolutely minimum tail.

Another innovative feature is the compact design: 2100-mm wide line is installed in no more than **120 m² of space**.

As a result of the never-ending efforts of R&D Department, AMUT embraces more and more a strategy oriented towards an enhancement of internal study and designing of the main units in order to really supply 100% dedicated solutions on the basis of final applications.