

VENUS

Multifunction laminating machine

Tailor made innovation



High efficiency drying tunnel.
The new drying tunnel has been developed for the best performances. Its modular system allows independent opening and closing of any zone. The temperature of each zone is independently set from the operator panel and automatically adjusted.
A pre-heating chamber, is placed before entering the drying tunnel. Solvent evaporation starts by web rear blowing.
The automatic circulation of the forced air inside the tunnel as well as the recovery system is managed by infrared L.E.L. control sensors.
A footbridge all around the dryer allows an easy cleaning, quick material threading and easy maintenance. All the rolls, as well as the cooling drum, are driven by A.C. motors.



The coating unit has been developed for quick changeover of for any kind of trolley. The doctor blade system is fixed on board of the machine, and the blade replacement to can be effected without dismantling the doctor blade holder from its position. A mechanical system allows the replacement of the pressure roll by sleeves. A dedicated exhaust improves the removal of solvent vapors from the coating area.

High versatility and efficiency. Venus is equipped with state of the art technology. On the main unwinder is installed a pre-heated nip roll to manage the register control in case of cold seal application. On each unwinder the customer has the possibility to install a corona treatment unit. A smoothing roll installed immediately after the pressure roll helps to lay down any kind of adhesive or lacquer in a perfect way. The machine is designed in order to have a wide area between any unit for more comfortable operation of loading/unloading, replacing of the nip roll, cleaning etc...

VENUS MC is the most technology advanced laminating/coating machine manufactured by General Converting Machines. Its combi technology allows a wide range of solvent less as well as solvent/water based adhesives laminates, lacquers or inks. The machine is also suitable for cold seals and heat seal application, lacquers, varnish and one colour gravure or flexo printing in register too. Venus MC can be equipped with an automatic turret unwinder and rewinder. Each trolley, independently motorized, is sliding on wheels, for a quick clamping and replacement of the coating carriage. Shaftless design for winders with reel auto-centering, makes reel replacing an easy operation in any station. The tension control system of the web, during unwinding and rewinding, is controlled by A.C. motors for a perfect management of materials with different thicknesses. All machine functions including tension setting, are displayed on the operator panel, by means of an user-friendly software.

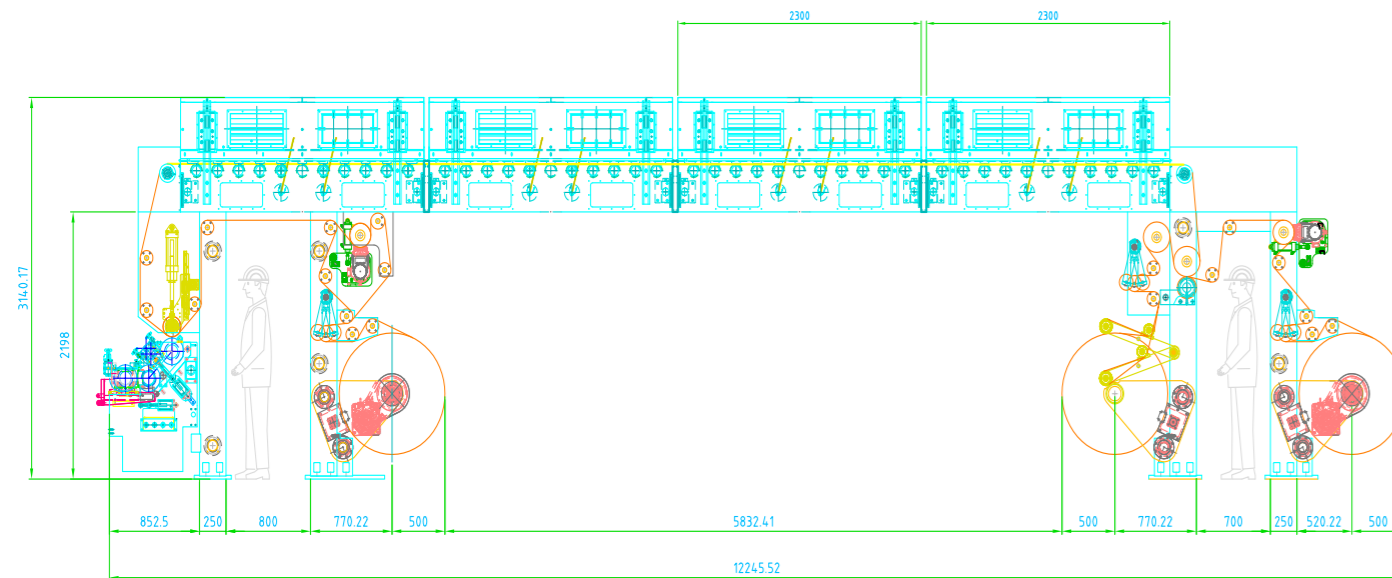
Coating Trolley:

Solventless - Rotogravure - Cold Seal - PVDC - Semiflexo - Flexo



VENUS

The new generation of multifunction laminating machine



VENUS Multifunction Laminating machine:

Max Speed:	450 m/min
Min web width :	500 mm
Max web width:	1600 mm
Tension range:	2 - 60 Kgs
Max weight of the reels :	1000 Kgs
Core diameter:	3" - 6"
Heating sources:	gas, thermal oil, electric, steam
Coating carriages available:	solventless, rotogravure, rotogravure with close chamber, flexo, semiflexo, pvdc
Winders:	Single autocentering shaftless - Automatic Splice



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