



Wet-Wet

A new development in the process simplification employing the "WET-WET" system Gemata roller coater finishing lines.

WORKING PROCESS

1 Stucco coating

Quantity: 7 gr/sqf
Roller: 21SS
Machine: Jumbostar

2 Base coating

Quantity: 14 gr/sqf
Roller: G17M
Machine: Megastar

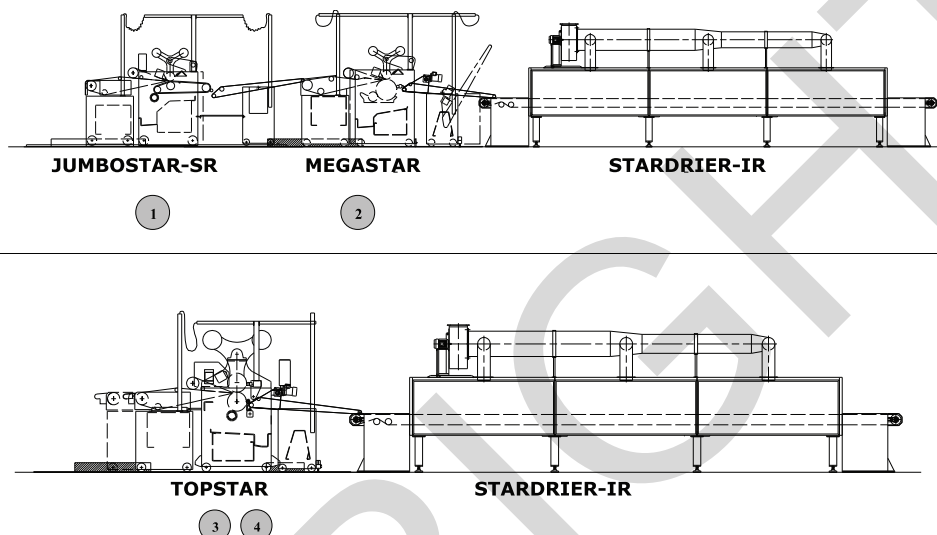
Embossing

3 Color coating

Quantity: 3 gr/sqf
Roller: G30R
Machine: Topstar

4 Top coating

Quantity: 3 gr/sqf
Roller: G30R
Machine: Topstar



Wet-Wet Finishing on automotive splits without buffing after stucco coating.

With an ever keen eye on improving leather quality through advanced finishing methods and products as well as creating true in-line processing, Gemata has now developed a through feed line, which eliminates interrupting the operation for the purpose of buffing.

Typically, when producing automotive split leathers, stucco roller coating of the crust would be employed, followed by drying at which point the skins would be taken manually to be buffed. The second part of the finishing line would be entered to complete the process through to top coating.

By-passing this time consuming classic method, Gemata have engineered a finishing system designated Wet-Wet finishing. Referring to the diagram above such a line consists of a jumbostar entry roller coater fitted with a special 21SS stucco application roller (1) onto wet crust, then conveyor feeding a megastar roller coater using a G type base coat application roller (2), still on wet leather. The spreader fitted on the megastar machine (2)

combined with its helicoidally engraved roller flattens the grain ensuring that the base coat cover is deposited onto a smooth leather surface.

Conveyor transfer to a normally 3-section Stardrier follows. Colour and top coating is then carried out on a Gemata Topstar roller coater (3 and 4) also conveyor transferred from the previous dryer. Final drying is also conveyor connected to another 3-section dryer. Depending on ambient temperature and humidity an arrangement of infrared lamps may be placed between stages (1) and (2) to somewhat reduce leather humidity content prior to its entry into roller coater (2).

Depending upon overall production layouts a final conveyor would deliver the goods to an appropriate stacking machine. The leather is now ready for embossing/ironing and the final coating operations.

Gemata machinery is specified for this finishing method. ©

TMM



Perspective of the Wet-Wet line in action



Overview of Wet-Wet line coating machines (1) and (2)