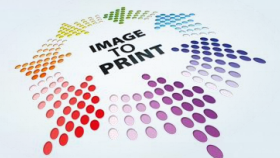


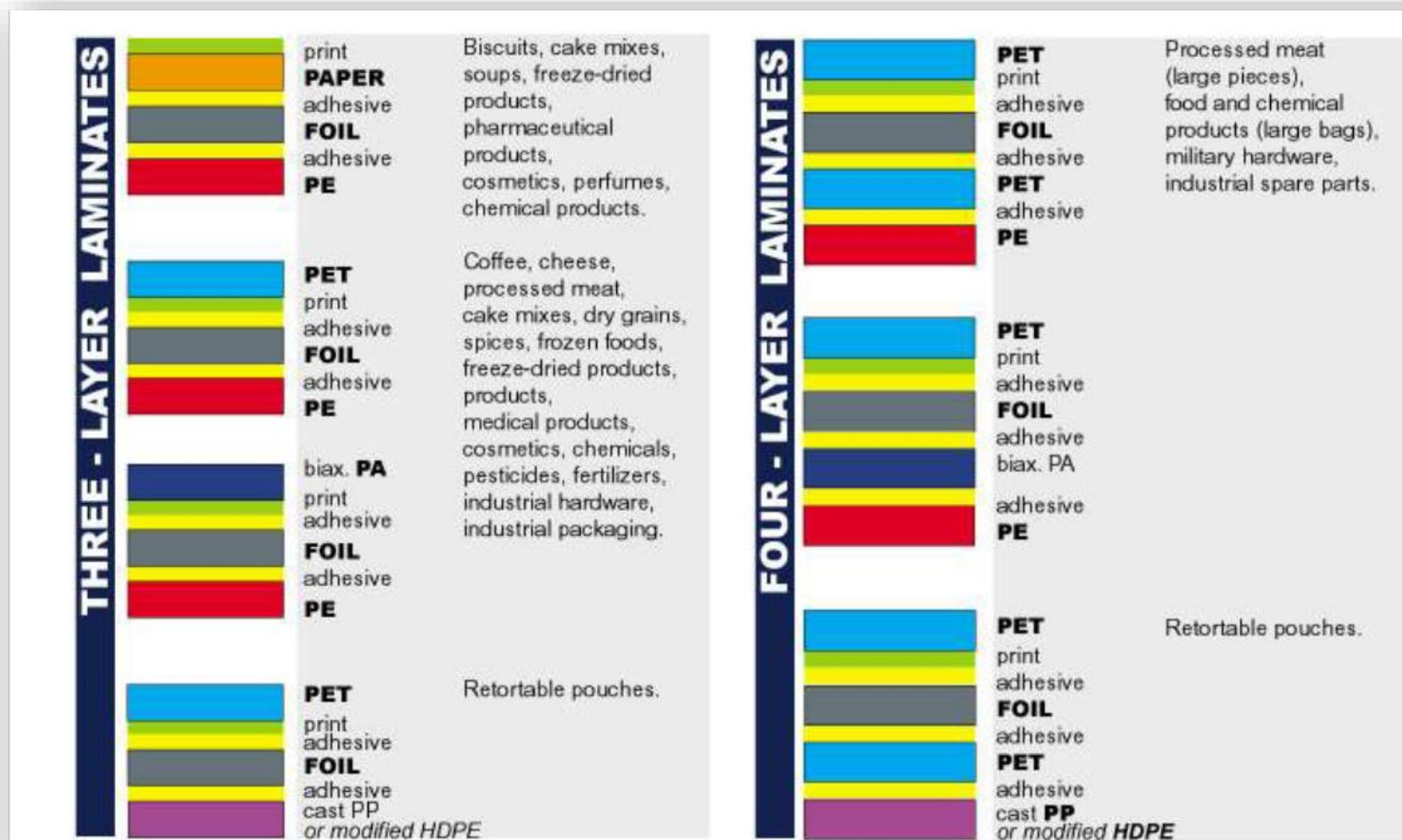
3-Ply Solvent Less Lamination in one single pass: productivity and energy saving.

Vincenzo Cerciello
Vice President - Nordmeccanica Group

Luigi Guzzardi
Area Sales Manager - Nordmeccanica Group



Multi-Ply Lamination



Multi-Ply Lamination in one pass

Best design for:

- **Costs:**

- Maximum Productivity.
- Minimum Scrap generation.
- Minimum Energy consumption.

- **Quality**

- Minimum Web Stress.
- Easier quality control (Tension and process in general).
- Safest process handling.

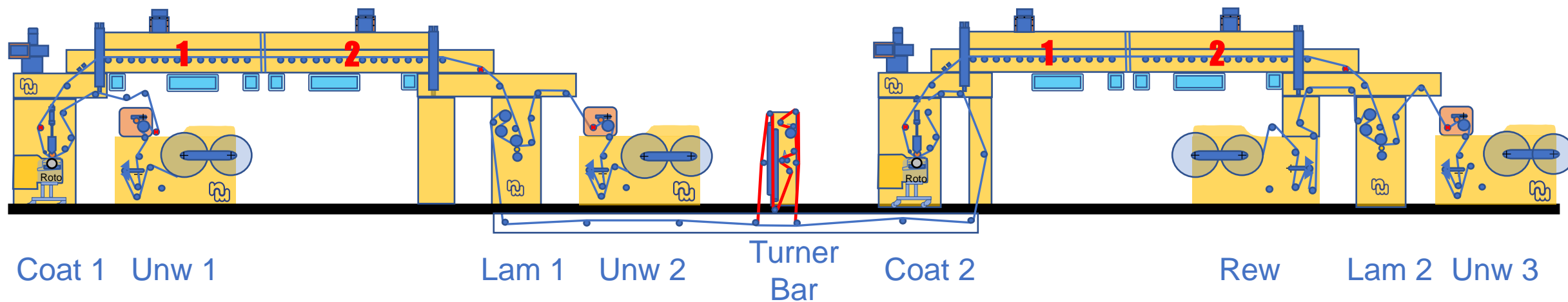


Quality

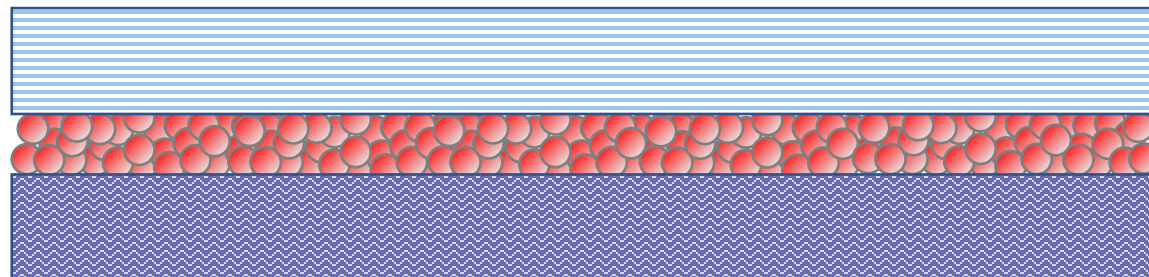
- **No semi-finished reels.**
- **Minimum Web Stress.**
- **Easier quality control.**
(Tension and process in general)
- **Safest process handling.**



3-ply single pass set up



Adhesive bond at green

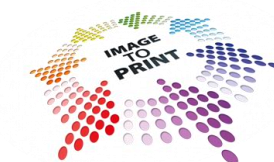


The Solvent Less Era

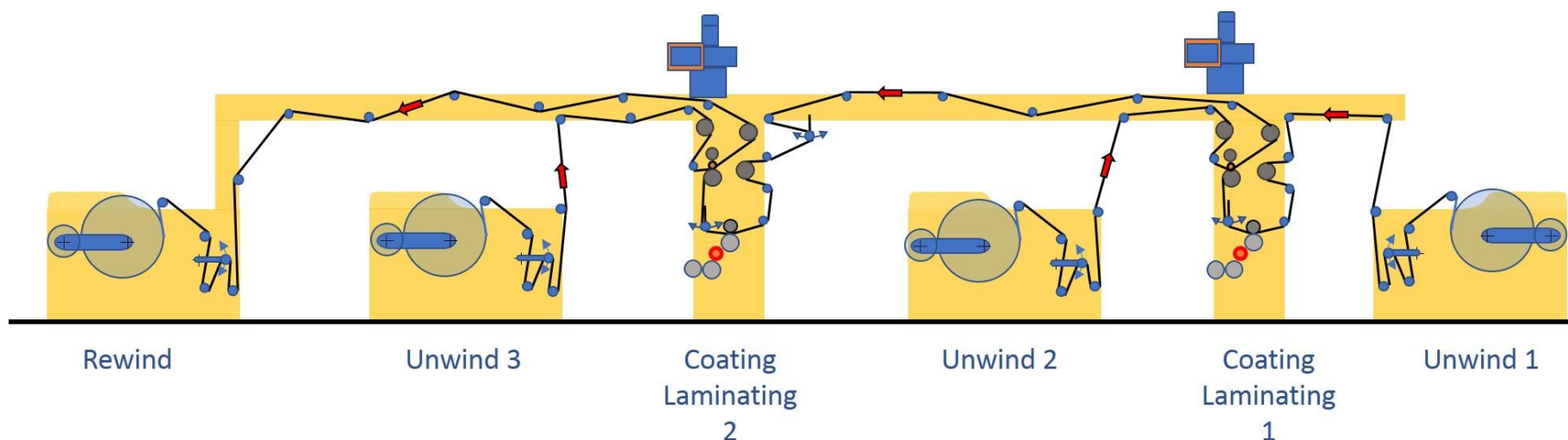
- ⑩  E
E
C
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- ⑬ Date of public:
- ⑭ Application nu
- ⑮ Date of filing: :
- ⑯ Plastic film b



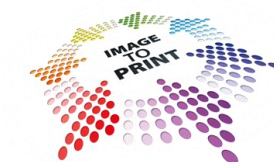
60s → 70s → 80s → 90s → 00s



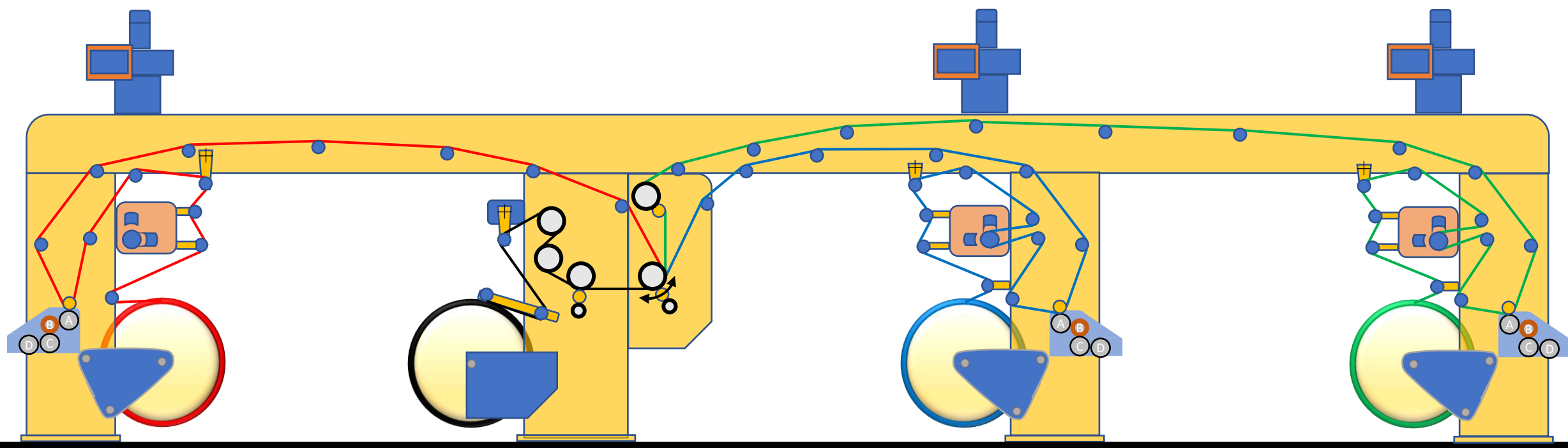
3-ply single pass set up



Triplex Compact SL



Triplex One-Shot



Triplex One-Shot



Triplex One-Shot

- **Zero emissions.**
- **Lower installation and handling costs:**
 - 20% capital equipment investment.
 - 25% auxiliary equipment.
 - 100% savings on after burner (incinerator).
 - 25% maintenance costs.
 - 10 % spare parts.
- **Lower energy consumption:**
 - Average consumption for a triplex: 1200 kW.
 - Nordmeccanica Triplex Combi: 1000 kW.
 - One Shot: **200 kW.**

