**PRODUCT**

SIMA brand TECHNO STRAP extrusion line is nowadays the best solution for plastic strapping tape producers. The key of SIMA TECHNO STRAP success is based on reliability of the extrusion process guaranteeing the highest efficiency level in term of production capacity and quality of the final product, both for PP and PET strap. TECHNO STRAP extrusion range means several models lines, each one with own design, with smallest capacity from 1,400tons/year up to more than 8,000tons/year of SUPERSTRAP technology. All lines capable to produce all the strap sizes requested by the market from 4mm up to 32mm respecting the most restricted standard of quality for dimensions, weight, braking load, elongation. SIMA continuous innovation is driven by internal research on top performances solution due to know how on final product and methodologies to treat it and cooperation with the main players in plastic industries for plastic materials/additives improvement and new technologies available like filtering, recycling and V grade enhancement.

SIMA PP/PET TECHNO STRAP extrusion line is designed, assembled and tested in house from our engineer team to meet customer expectation and trust. SIMA extrusion, spinning, stretching and winding devices/process is suitable for both PP and PET (100% bottle flakes) plastic strap each type with dedicated parameters and accessories set to suit best performance both in automatic and manual strapping packaging machine.

SIMA strapping line means:

**SEMPlicity**

Supported by a users friendly control system, you can lead the highest technology by a lean touch screen that allow a complete production control. One strap, one recipe, one production procedure.

**Reliability**

Control the process to control the product, this is SIMA way. Raw material treatment, extrusion, stretching, annealing and take up winder; each step impact on the strapping tape quality are managed through a fully computerized control system without man intervention requirements.

**Quality Control**

In-line quality control – In-line strap control system to check quality of the strap.

**Productivity**

From 1,400 to 8,000 Tons/Year capacity, SIMA strap extrusion lines are delivered in assembling condition ready to produce after one week installation for years and years.

**Flexibility**

From 4.0 to 32.0 mm strapping tape wide range, PP or PET strap can be produced by the same technology to meet different market requirements, changing line set up in few minutes.

**Safety & Savings**

Comply with all the strictly safety standards, the average of the waste products is very low. Small consumption of spare parts and energy, due to the detailed design of the line.

**Automation**

Sima and Dietze+Schell toggether, can supply to their customers the fully automatic take up winder solution guarantying reliability and production cost reduction.