



N. MT

ADHESIVE TAPE MULTI PACKER





Technical overview

The Bundling machine N. MT performs the realization of carton's multi-packs, by mean the application of self adhesive tape strips.

The Bundling tape is specially realized for this application with easy-removal features. BOPP base material coated with solvent-less adhesive, it can be transparent or decorated with promotional messages.

Common bundles are built with 2, 3 or 4 liquid packs (as Brik or others) for application on dairy products, liquid cream, juices and nectars, food, still drinks and wine&spirits.

Volume ranging from 100 ml portion pack all over the way up to 2.000 ml family packages, with a wide range of tops and openings.

A self adhesive handle can be applied on demand, providing the consumer with a simply way to grab & carry any packages (e.g. X2 pack 1.000 ml Brik).

Features

- Reduce over-packing material
- Combine taste packages
- Increase Primary Brand exposure
- Comply with last reduction trends on packaging impact
- Small footprint
- Low energy consumption
- Flexible for choise of different layouts



Functional characteristics

The system operates by mean 3 different stations:

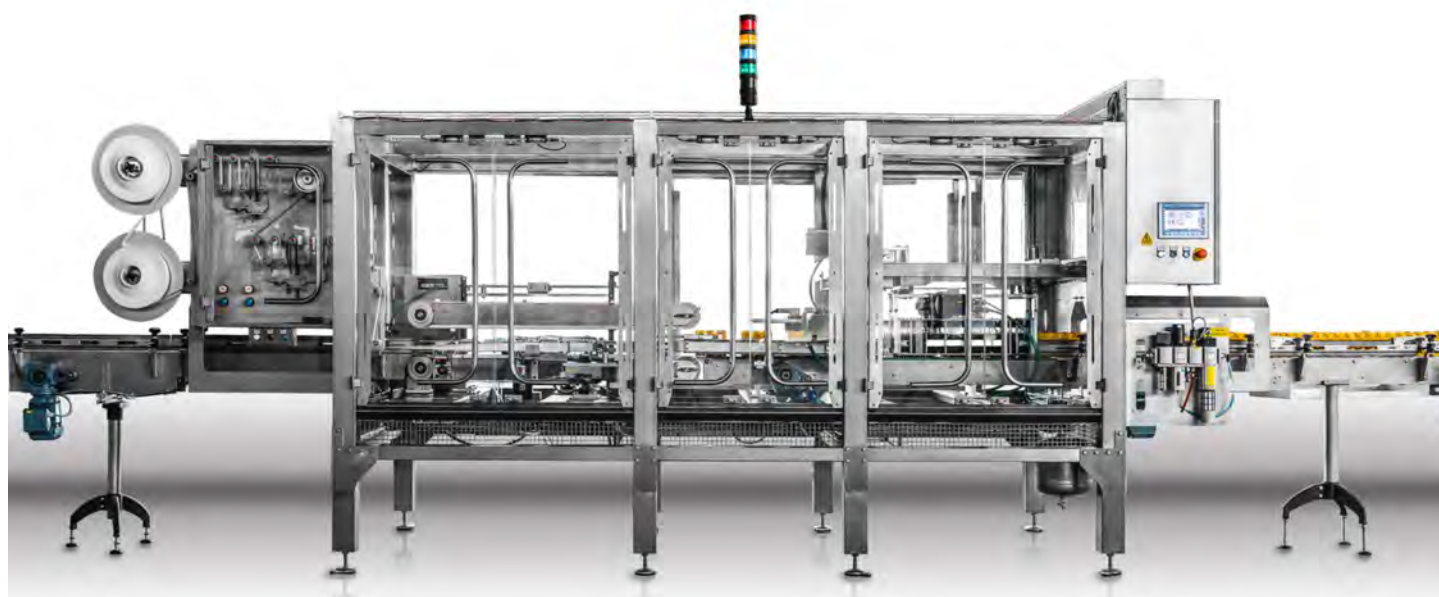
- Pack selecting: the packs are selected and clustered in the requested groups (2-3-4 units);
- Bundle Taping Unit: the applying arms stick the bundle tape around the packs in order to obtain the selling unit;
- Handle Applying Unit (on Option) : a self adhesive handle is applied onto the multipack where an easy grab & carry is required.

Operators interface is easy and intuitive trough a touch-screen panel and ground level access to essential working parts. Quick change technology makes it possible to switch production between different packages.

For application on the portion pack and on family carton package (e.g.Brik), we propose two standard machine's models, according to the different speed.

The N. MT machines represent an important evolution compared to the traditional solutions on the market, among these we highlight:

- Servomotor based control of the build-back pressure from the upstream line. The system allows to manage any variation of the build-back pressure so to easily control any production speed fluctuation. Thanks to these features the integration of the machine in the existing lines results to be extremely easy.
- Rollerless device rear edge splicing device (PAT pending). This device allows to splice the rear edges of the tape on the cluster of products without the use of any mechanical device (rolls and levers) . Thanks to this it is possible to guarantee the correct application of the bundle tape all around the rear side of the pack and eliminate the risk of indentation or damages of the pack itself.



Machine data

ELECTRIC REQUIREMENTS	380/400 V 50 Hz 3 PH+PE
POWER REQUIREMENTS	3,5 KW
COMPRESSED AIR REQUIREMENTS	6 BAR - 30 NL/min

MODEL	FORMAT	SPEED
N. MT-1	Single row	30 ppm
N. MT-1	Double row	60 ppm
N. MT-2	Single row	45 ppm
N. MT-2	Double row	90 ppm

Machine layout

