

**CG** CASSOLI  
GROUP  
MEMBER

**nema**  
LA370

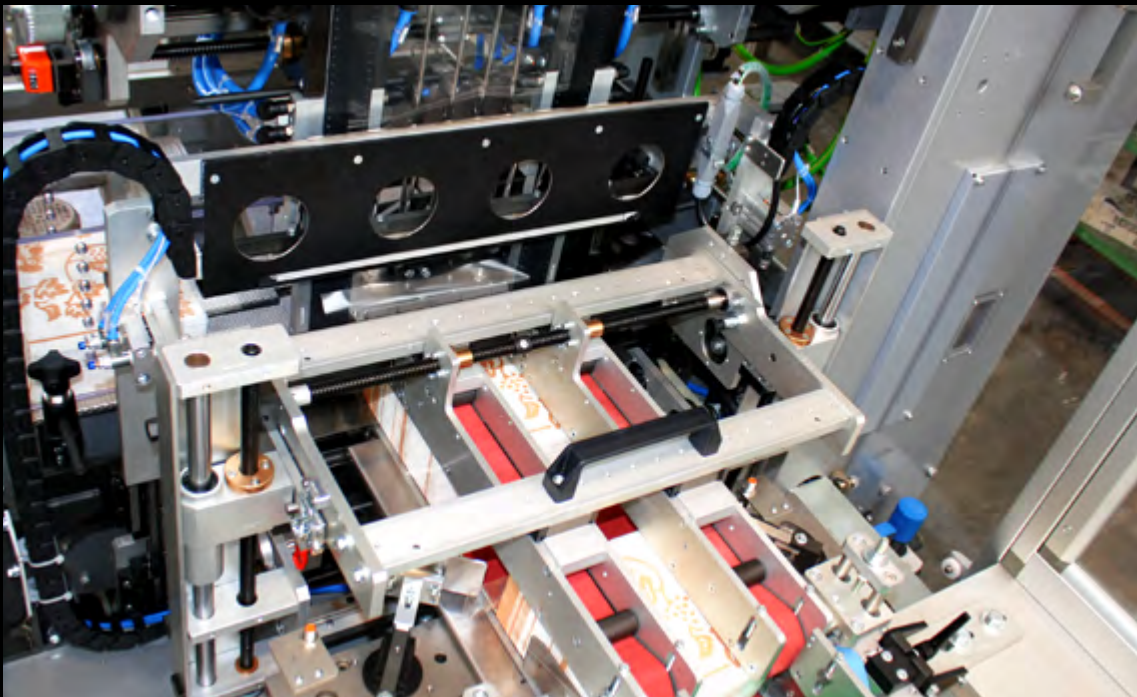


**SOLID. SIMPLE. SPEEDY.**

The champions in the packaging machine class.

# LA370: the maverick

The LA370 born thanks to the collaboration from CPS Company and NEMA Automazione. The operation of the LA370 wrapper is completely automatic and includes, as standard, the feature and parts to wrap single or double stacks of tissue napkins. The napkins stacks are transferred from the folder into the machine infeed, which provide the timed transportation to the top compression and pusher zone. At the same time, wrapping material is unwound, measured, cut, and placed in the wrapping section. The pusher transfers the stack compressed to meet the packaging material and into the wrapping drawer section. Overlap folding and sealing operations take place thanks to movable folder drive by servomotor. The last step provides the tucking and format transfer to the sides' end folding and sealing. All motions and functions are controlled by the integrated machine logic.

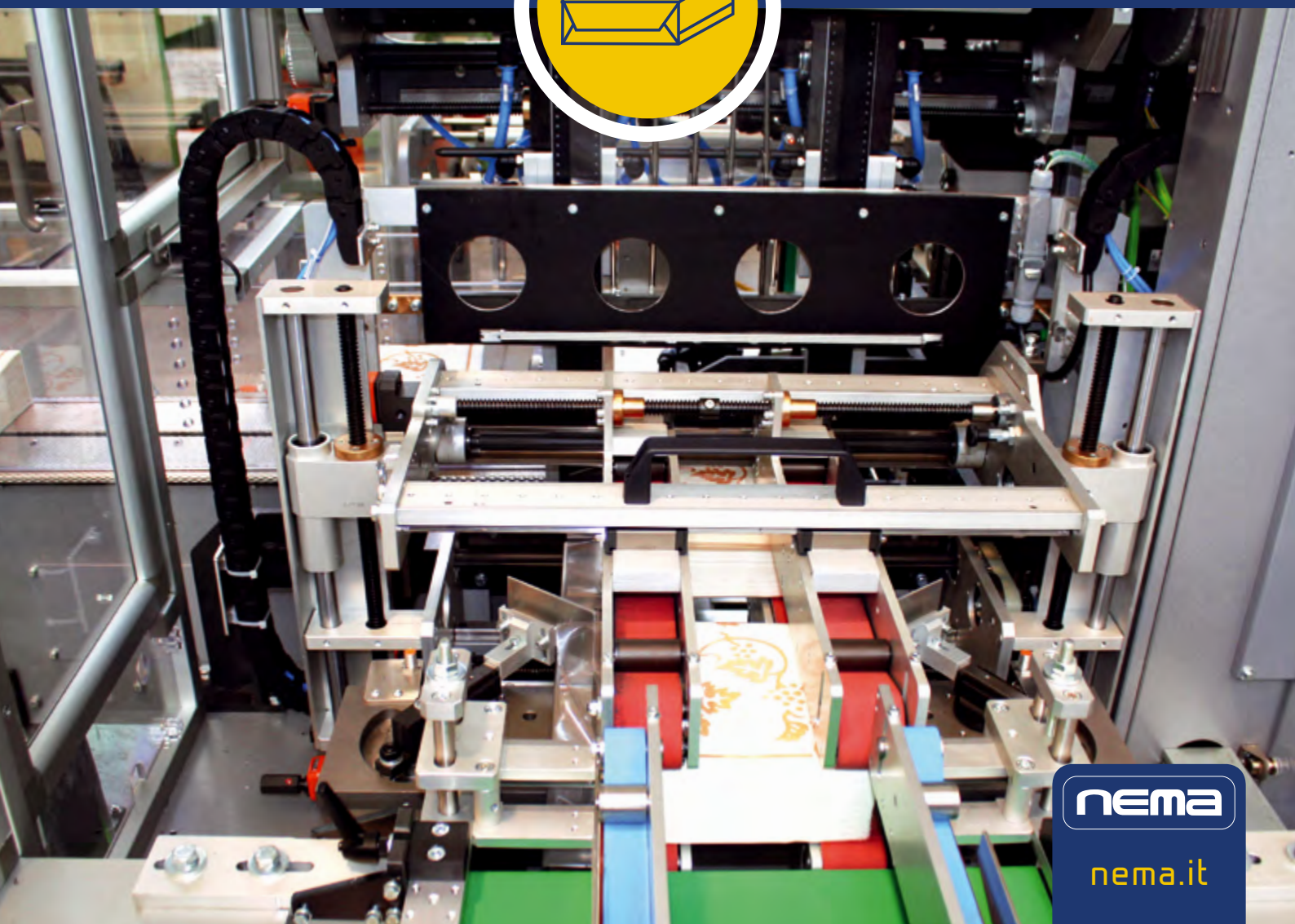


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We strongly  
care about you



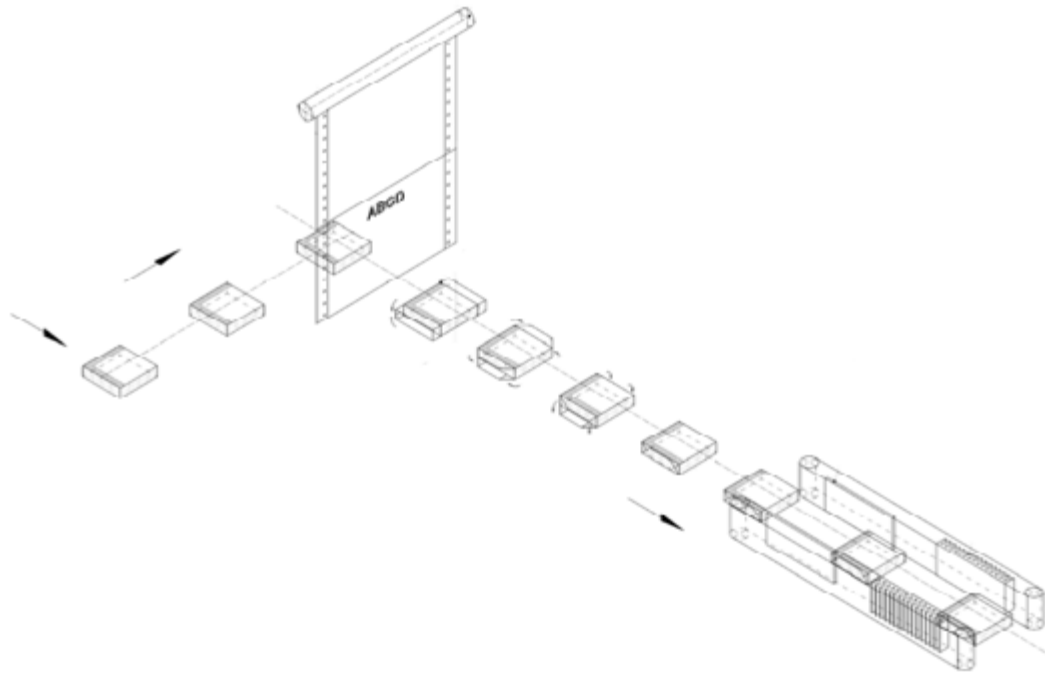
LA370



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# Wrapping cycle



## Machine main features

The LA370 wrapper is supplied, as standard, complete with:

- Wrapping material unwind group, with electronic system drive.
- Wrapping material transportation, measure, cutting and placement system for high-speed usage of thin thickness.
- Wrapping material centering and print registration system to ensure accurate art work position on the final package.
- Wrapping system for perfect control and transfer of product into the fold and sealing section.
- Driven front seal system.
- Side folders.
- Wrapped packs sealing & discharge section.
- Electric cabinet integrated on machine body frame.
- One pack configuration is included within the quoted price.
- All safety guards, functions and systems in accordance with CE regulations.
- Machine hand: Right. Left optional
- Integrated "HMI" machine operation and management panel, which provides for:
  - ✓ Technical functions to be monitored, checked and adjusted for optimum performance..
  - ✓ Format parameters to be stored, adjusted and selected for ease of size changeovers.
  - ✓ The necessary trouble shooting and fault diagnostic data to be quickly and clearly presented.
- Any other kind of electric connection for the synchronization shall be checked with folder supplier (OPTIONAL)



SERVICEABILITY



FLEXIBILITY



USABILITY



AFFORDABILITY



SUSTAINABILITY



TRUSTABILITY



RELIABILITY



RESPONSIBILITY

# Machine technical data

## Size range of packs

Min: A = 80 mm x B = 120 mm

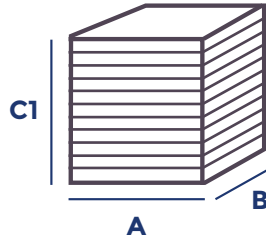
Max: A = 220 mm x B = 440 mm



## Maximum height

of uncompressed product (CI)

Up to 200 mm.



## Standard height of the final pack:

Min C = 30 mm; Max C=165 mm



## Mechanical Speed

up to 70 cycles/min\*\*

## Production Speed

up to 65 cycles/min\*\*

## Change-over time

Max. 20-25 min.

## Print centring

+ 2 mm

## Tolerances of the stacks from the folding machine

Length: +/- 1 mm

Width: +/- 1 mm

Height: compression must be from 15 to 40 mm

## Standard colour

RAL 9006 (grey)

## Manuals

One full set of parts, instructions, trouble shooting and manuals in English or following CE regulations, both in hard copy and CD.

## Wrapping material gauge

Polyethylene (PE): Approx. 28-32 my\*\*

Polypropylene (PP): Approx. 25-30 my\*\*

Maximum reel diameter: Up to 500 mm.

Maximum reel width: Up to 650 mm.

\*\*wrapping material to be approved by CPS

## Standard folding units ranges

Pack height (heights of the finished packs)

(H3) 30 to 40 mm

(H4) 41 to 55 mm

(H5) 56 to 70 mm

(H6) 71 to 85 mm

(H7) 86 to 100 mm

(H8) 101 to 120 mm

(H9) 121 to 165 mm

## Standard electrical supply

Main power: 380/400 Volts AC, 50/60 Hz., 3-ph. + Ground

Control circuits: 24 Volts DC

Installed power: 12 KVA

Absorbed power: 9 KVA

Air consumption: 250 NL/min

Working pressure: 5/6 Bar (a lower pressure might affect the machine performances)

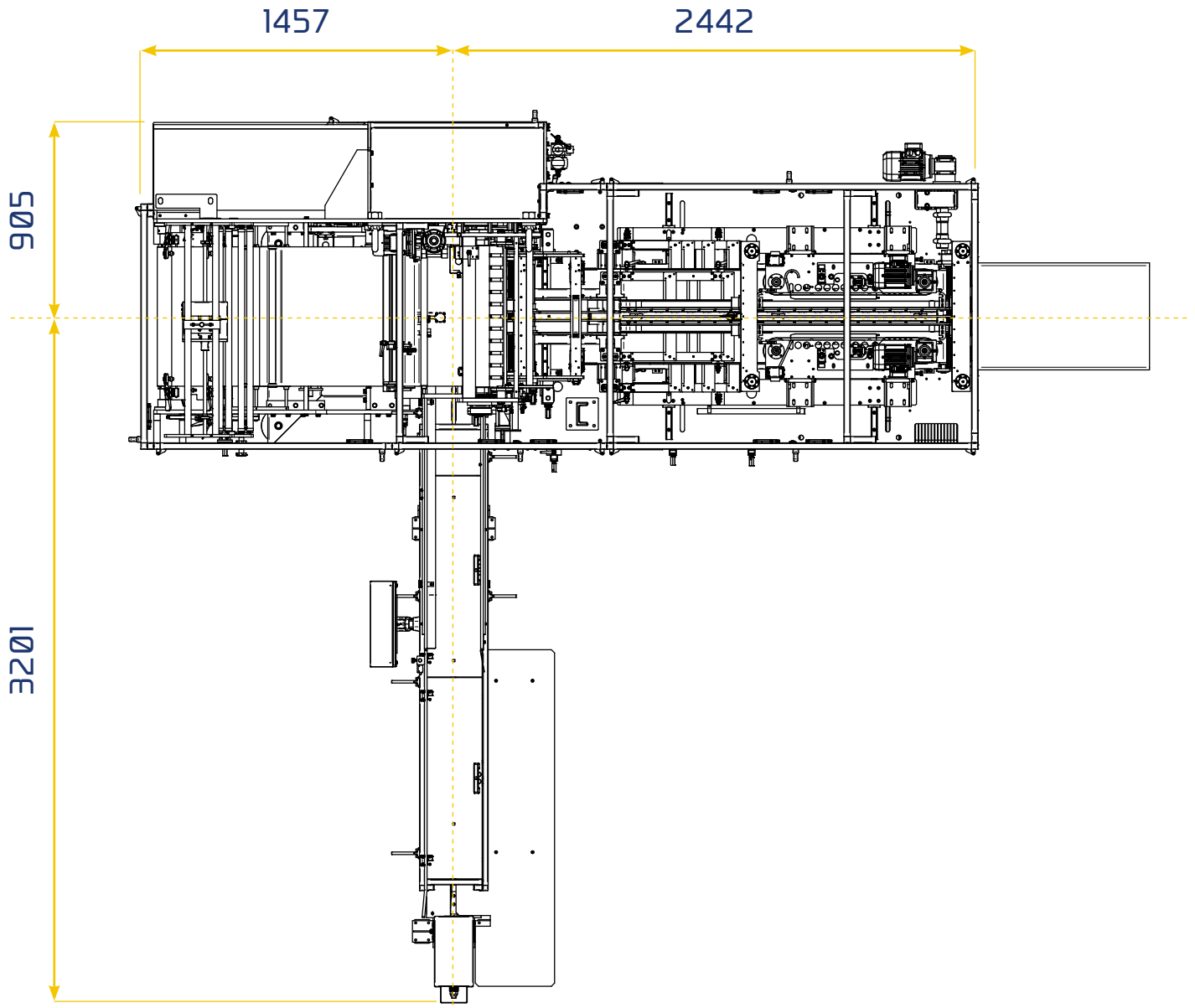
\*\*The actual production speed depends on the quality of the stacks coming from the folding machine, packaging material characteristics and final packs dimensions required. In case of order, we ask you kindly to inform us about the requested formats, under consideration that CI corresponds to the uncompressed product height coming from the folding machine.

We also need to receive the relevant samples to be tested in at supplier factory. If the formats cannot be tested because of lack of samples or in case the given details are different from the real ones, they will only be included into the operator panel, but they will need to be tested during the machine installation with the charge of 4/6 working hours each format.

# nema LA370

## SUGGESTED FLOOR PLAN

Napkins



WASTE  
MANAGEMENT



REDUCTION OF  
CONSUMPTION



ENERGY SAVING AND  
EMISSIONS REDUCTION



ENVIRONMENT  
SAFEGUARD

# We strongly care about you

Nema's automatic packaging machines are extremely flexible and suitable for various Tissue product. Extremely reliable machinery, they are characterized by ease of use, versatility, use of top quality materials and components. Besides, each Nema machine is adapted to the **specific needs of the customer**, to better integrate into existing production lines.

