EVOLUTION

Reliability, flexibility, high performance, efficiency… these are characteristics that all manufacturers hope their machinery can offer. The ΩMNIA not only achieves these goals, but looks to the future, providing extra features to bolster your lollipops with added value that makes them stand out in the marketplace.

The ΩMNIA is the result of Carugil's research, development and many years of know-how, while considering our customers' suggestions, contributions and production experiences. The ΩMNIA has evolved with the support of our customers. We want to take this opportunity to kindly thank all our customers for such help!
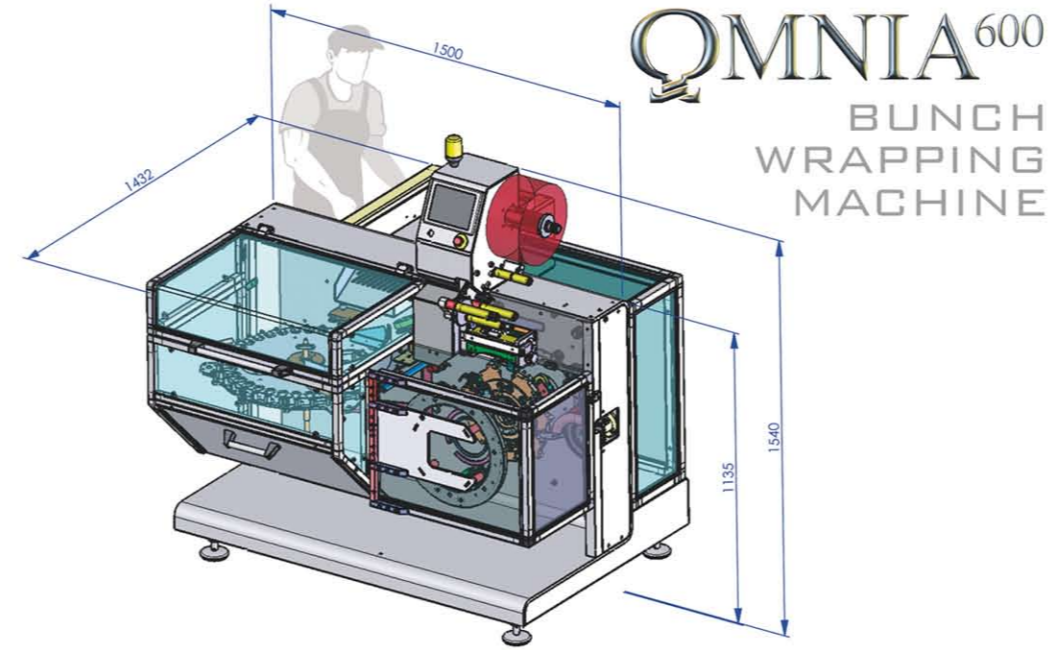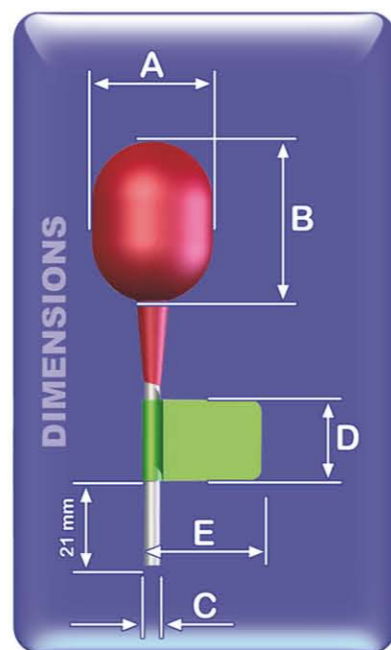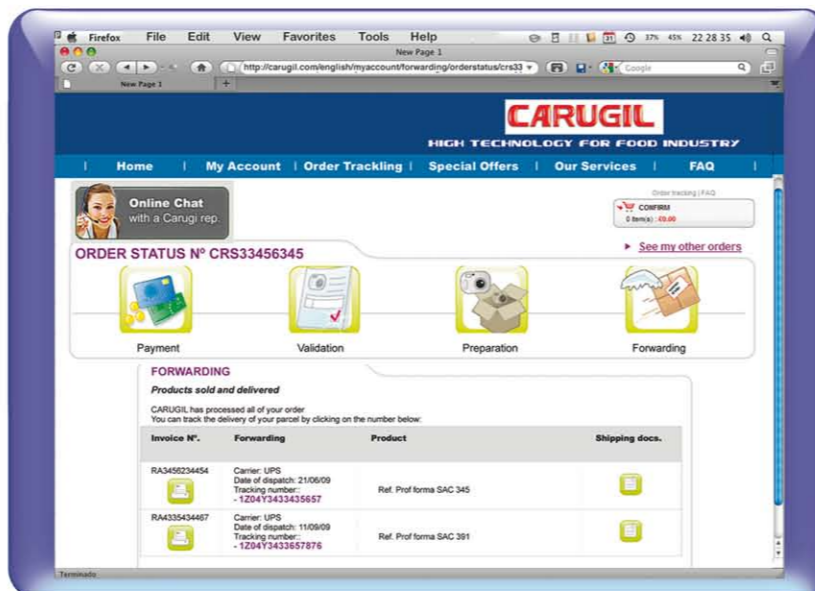
BUNCH WRAPPING MACHINE

CARUGIL

CWL 900 Pro   ΩMNIA 600

ΩMNIA 600
BUNCH WRAPPING MACHINE

DIMENSIONS

21 mm

SPECIFICATIONS

SPECIFICATIONS		
OUTPUT		MAX. 600 Pcs./min.
DIAMETER OF CANDY (A)	A	MAX. 32 mm
LENGTH OF CANDY (B)	B	MAX. 40 mm
DIAMETER OF STICK (C)	C	MIN.-MAX. 3.2 - 6 mm
LENGTH OF LABEL (D)	D	MAX. 32 mm
WIDTH OF LABEL (E)	E	MAX. 35 mm
WIDTH OF WRAPPING MATERIAL		MIN.-MAX. 80 - 135 mm
LENGTH OF WRAPPING MATERIAL		MAX. 135 mm
WEIGHT OF WRAPPING MATERIAL		MIN.-MAX. 35 - 45 gr/m²
EXTERIOR DIAMETER OF WRAPPING MATERIAL REEL		MAX. 300 mm
INTERIOR DIAMETER OF WRAPPING MATERIAL REEL		MIN.-MAX. 70 - 76 mm

Technical Specifications

- Weight :   1200 K g
- Power :   9 K w
- Air Pressure :   7 Bar

Customer service Line

Customers may enter our Extranet to order any spare parts needed, report incidents, make queries, etc, online.

www.carugil.com

We are at your disposal at all times, assuring our customers access to ongoing technical assistance and a quick spare parts service.

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service@carugil.com

CARUGIL

HIGH TECHNOLOGY FOR FOOD INDUSTRY

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sales@carugil.com

ISO-9001:2000 and ISO-14001 Certifications by SGS

Distributor

ΩMNIA 600
BUNCH WRAPPING MACHINE

CARUGIL
HIGH TECHNOLOGY FOR FOOD INDUSTRY

OMNIA 600

CARUGIL

Labellers

Labellers fully integrated into the wrapping machine:
- Labeller for flag-type labels on the lollipop stick (barcode, stickers, promotions, etc.)
- Labeller for stickers/tattoos inside the wrapper.

Ergonomics

Ergonomic design which avoids straining or bad posture for the operator, making it easier to perform routine production and maintenance tasks (hopper feeding of lollipops, paper reel replacement, change-over, cleaning, etc)

Seal and wrap

- Single twist Bunch style. Two types of sealing: tight sealing around stick or with small lip for easy access and opening.
- Electric resistance heaters with low power consumption.
- Electric current distribution based on a Rotary electrical connector system (no wires, straps or springs) to assure perfect control and even temperatures over all the sealing jaws.
- Easy to remove sealing jaws which allows for fast and easy cleaning.

Inkjet printer

Inkjet printer for dating or coding lollipops.

Integral control and communications

- WIFI (wireless connection) technology to integrate the OMNIA with the customer's Intranet, allowing CARUGIL to access the wrapping machine via the Internet for remote diagnosis and updates.
- SCADA (Supervisory Control and Data Acquisition) + RFID (Radio Frequency Identification- to allow keeping logs and statistics per operator).
- Touch-screen for setting parameters and viewing alarms.

WiFi RFid

Quality control by computer vision

Detection and rejection of any off-centred lollipops following automatic reel splicing.

Automatic filling

- PLC controlled device for counting and depositing the wrapped lollipops into tubs, bags or bucket conveyors.
- Belt synchronised with the counting and depositing device, for automatic tub-feeding.
- Automatic system to fill pre-shaped bags with lollipops (with bag-sealing system).
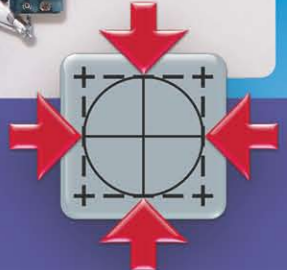
Cleaning

- Stainless steel construction (including frame).
- No painted parts.
- Swing doors for easy access to all parts of the machine.
- Wrapping head with easy detachable feature.
- New "all in sight" concept, so that moving parts can be visually inspected even with the doors closed.
- Self-cleaning system to remove any powders in the feeding area— particularly recommended when working with powder / acid-coated lollipops.

Additional reel-holder, automatic splicer and accurate paper-centering

- Additional reel-holder to allow wrapping with two different papers or having a reel on stand by for automatic splicing.
- Automatic longitudinal and transversal centering systems to position the wrapping material in the precise position for cutting, to assure that all lollipops are perfectly wrapped.

Electrostatic-discharge system

Electrostatic-discharge system for optimal functioning even when working with films having a high static charge.

Automatic feeding

To reduce costs and labour, the OMNIA can be synchronised with the CARUGIL TAR-6 automatic conveyor for feeding and collecting lollipops.