

110KMT REFRESHING COLOGNE WET WIPE SACHET MACHINE FULL VERSION & EUROPE SPECIFICATIONS



110KMT SINGLE REFRESHING COLOGNE SACHET MACHINE WITH SHEET METAL CLOSED PLEXIGLASS CHASSIS:

Our company introduce advanced technology, improved from the 110KMT (Refreshing Cologne Sachet Machine) Series, with production and packaging quality, energy consumption, automatic control of complete, stable performance easy operation and maintenance. Our 110KMT – Refreshing Cologne Sachet machine is designed to product and package 1 single cologne sachet of product. This machine is used to produce single piece cologne tissue cologne sachet of 4-side sealed sachet. It can do the work of folding, cutting, bag-forming, Perfume water (alcohol) perfume-adding, slicing, code-printing and counting. Suitable for packing sachet for hospital or health stations also cologne sachet used in hotels, cologne sachet used for catering in airplanes, The Computer Clean Tissue, The lens Clean Tissue, Anti-bacterial Wipes, Glass Cleaners, ATM Cleaners, Makeup Removal Wipes, etc. The machine

operates with non-pressed and continuous packaging materials. It can operate with cellophane, pearlized, polypropylene and aluminum laminated packaging materials in the hot bonding system. All packaging materials complying with hot bonding can be worked on. This machine can make spunlace nonwoven cologne sachet from 50 mm wide to 120mm wide for width (Roller width depends) and by 45mm long up to 140 mm long. The machine work with a production speed of 100 maximum and 90 minimum sachet per minute. Machine is very simple and easy to operate. Simply pressing the touch panel with your finger can alter the setting and change the bag length. Various packaging data can be stored in the memory. The machine can automatically complete the products measuring, conveying and feeding, filling, date code printing, bag sealing and cutting. PLC control system combined with touch screen, can easily set can change the packing parameters. All surfaces which are contacted by the product to be packaged made with 304 quality stainless steel. The machine has a big closed plexiglass chassis designed to improve the high level design for this kind of machines. Machine is under warranty for 2 year.

TECHNICAL SPECIFICATION:

<u>MODEL</u>	USLUPAK - 110KMT
<u>TYPE</u>	110KMT Refreshing Cologne Sachet Packaging machine with stainless steel closed plexiglass chassis
<u>MACHINE NET WEIGHT</u>	850 kg
<u>MACHINE DIMENTIONS</u>	Length : 2300 mm Width : 800 mm Height : 1700 mm
<u>TOTAL ELECTRICAL POWER</u>	4Kw/h 3X380V 3 phase 60 Hz
<u>CONTROL SYSTEM</u>	LS-HMI XP30-TTE/DC PLC Control System and 5.7 inç with touch screen Power :DC 24V , 5W-01A TFT color /256 colors QVGA 320 X 240 Made in Korea
<u>MAIN ELECTRICAL REDUCTION MOTOR</u>	WAT model , Q1E 71 M4C – KG type Main Electrical Reduction Motor -Power: 0.55 kw 220/380 V – 2.6/1.5 A 50 Hz – 1400 d/d Made in Turkey
<u>OUTLET CONVEYOR MOTOR</u>	NERIMOTORI model. MEC serial asynchronous electric motors Type: MR63T0010 63C-4 B14 230V / 400 Y , 50 Hz, 0.33 Hp, 0.25 kw, 1350 rpm, 1.58 A 240V / 415 Y , 50 Hz, 0.33 Hp, 0.25 kw, 1380 rpm, 1.56 A 260V / 440 Y , 60 Hz, 0.4 Hp , 0.3 kw , 1650 rpm , 1.58 A 280V / 480 Y , 60 Hz, 0.4 Hp , 0.3 kw , 1660 rpm , 1.56 A IP:55 , Cos ϕ : 0.66 Made in Italy
<u>SPUNLACE NONWOVEN PULLING AND FOLDING MOTOR</u>	LS - AC Servo Motor , Type: APM - SB06AEK Power: 0.6 kw Input: ~3, 200 V , 2.89 A , Max 334 Hz (ID:13) Output: 600 w , 3000 rpm Encoder: Inc. 3000 p / r Made in Korea

<u>SERVO DRIVE FOR SPUNLACE NONWOVEN PULLING AND FOLDING MOTOR</u>	LS - AC Servo Drive - Type: L7 SA 006 A Input: AC 200 - 230 V , 50 -60 Hz , 6.0 A Output: 3.0 A Power: 1 kw Made in Korea
<u>PACKAGE PULLING MOTOR</u>	LS - AC Servo Motor , Type: APM - SB04AEK Power: 0.4 kw Input: ~3, 200 V , 2.89 A , Max 334 Hz (ID:13) Output: 400 w , 3000 rpm Encoder: Inc. 3000 p / r Made in Korea
<u>SERVO DRIVE FOR PACKAGE PULLING MOTOR</u>	LS - AC Servo Drive - Type: L7 SA 004 A Input: AC 200 - 230 V , 50 -60 Hz , 6.0 A Output: 3.0 A Power: 1 kw Made in Korea
<u>SPEED INVERTER FOR THE MAIN MOTOR</u>	LS- İG5A Speed Inverter Type: SV008İG5A -1 Power: 0.75kw Input: 200 - 230 V , 1 phase 6.6 A , 50 - 60 Hz Output: 0 - input V , 3 phase 5.0 A , 0.1 - 400 Hz 1.9 KVA Made in Korea
<u>SPEED INVERTER FOR OUTLET CONVEYOR MOTOR</u>	LS- İG5A Speed Inverter Type: SV008İG5A -1 Power: 0.75kw Input: 200 - 230 V , 1 phase 6.6 A , 50 - 60 Hz Output: 0 - input V , 3 phase 5.0 A , 0.1 - 400 Hz 1.9 KVA Made in Korea
<u>POWER SUPPLY</u>	IDEC (PS5R - SF 24) IDEC CORPORATION Input: AC 100 - 240 V , 50 - 60 Hz , 1.8 A Output: DC 120W , 24 V , 5A Made in Taiwan
<u>HEATERS TEMPERATURE CONTROL</u>	SSR - Role (3 Units) for jaw unit groups HANYOUNG NUX HSR - SLD402Z 90 - 264 V , 40 A Made in Korea
<u>HEATERS TEMPERATURE CONTROL</u>	NX4-03 (3 Units) for jaw unit groups HANYOUNG NUX LOT NO. 21GPM0061, Made in Korea
<u>CONTACTOR AND THERMAL UNIT FOR OUTLET CONVEYOR</u>	Schneider Electrical Contractor and thermal 690 V - 50/60 Hz , 20-30 A , 8kV , 4 kw Power: 200-220 V , 1.5 kw / 230 V , 2.2 kw / 400 V , 4 kw /690 V , 4 kw AWG 12-18 CU 60° / 75° C Torque: 7 lbs. in. Made in France
<u>JAW GROUP HEATERS</u>	Jaw groups heaters: Down jaws heaters : 2 unit x 48 V / 250 W Side jaws heaters : 2 unit x 48 V / 250 W Upper jaws heaters : 2 unit x 48 V / 250 W Made in Taiwan

<u>SOLDERING TYPES</u>	There is 2 soldering options one smooth and one not smooth.
<u>TRANSFORMER</u>	CAG- Electronic & Engineers LTD.COM. Input: 220 V , 9.09 A Output: 48 V , 41.67 A VA : 2000 Speed : 50-60 Hz Made in Turkey
<u>WARNING ALERT</u>	Machine have warning alert. To alert the fault, errors, stop and packages finish number stop. High Point model One Sound 12-24 V , AC/DC FM-24 AA – 901A Made in Turkey
<u>ELECTRIC PANAL CONTROL BUTTONS</u>	EMERGENCY STOP Button: KRAUS & NAIMER KG 20 , B T203/01, DE 14 B546 , 32 /000300 Made in Germany START/STOP Button: Emas B2 , 300 V , 2.5 kw Made in Turkey Manual Drive Button: EATON M22-K10 6 KV, 500 V Made in USA
<u>ROTARY ENCODER FOR MAIN MOTOR</u>	HANYOUNG NUX Model, Type: HE50B-8-360-3-T-24-2 Power: 12-24 V DC Made in Korea
<u>OPTICAL READER COLOR PHOTOCCELL</u>	SICK Model. Type: KT5W-2B1116 Made in Germany
<u>MAXIMUM AIR PRESSUER NEEDS</u>	300 mlt/min
<u>PACKAGING PAPER METARIAL</u>	Polypropylene , (polyester),OPP, PE paper laminated foil PE + AL + PP laminated, cellophane, pearlized and aluminum laminated packaging materials, sealable material and the laminated quality at least 30 g/m2 PE . PE80/A1.Foil7/Pet12
<u>NONWOVEN FABRIC QUALITY</u>	30 g/m2 100% cotton , Spunlace Non-woven Fabric & quote ; BELCOT" Plain Flat
<u>PACKAGING FILM THIKNESS</u>	80-140 micron
<u>PACKAGING PRODUCTS</u>	Spunlace nonwoven sachets (4 side bonding) Sachets for hand cleaning, eye glass cleaning wipes and
<u>PACKAGING SPEED</u>	90-100 sachet/min (According to the dimensions of the Sachets)
<u>NONWOVEN FOLDING UNIT DIMENSION</u>	Length: 1600 mm , Width: 850 mm , Height: 1430 mm
<u>NOTCH SYSTEM</u>	The machine have a notch system with pneumatic cylinder and cutting mold.
<u>NONWOVEN FOLDING TYPE</u>	3 Separate reed system, by (Z) size folding (with adjusting width side)
<u>SACHET LENGTH</u>	Minimum 50mm – Maximum 140mm (Adjustable according to sachet type).
<u>SACHET WIDTH</u>	Minimum 60mm – Maximum 120mm (Adjustable according to sachet type).
<u>SPUNLACE NONWOVEN (UNFOLDED) WIDTH</u>	Minimum 100mm – Maximum 200mm.
<u>SPUNLACE NONWOVEN (UNFOLDED) LENGTH</u>	Minimum 50mm – Maximum 200mm.

<u>ROLLER LENGTH OF PACKAGING FILM</u>	500mm
<u>ROLLER DIAMETER OF PACKAGING FILM</u>	Ø500mm
<u>COIL DIAMETER OF PACKAGING FILM</u>	Ø 76mm
<u>ROLLER DIAMETER OF NONWOVEN FABRIC</u>	Ø1100mm
<u>OUTLET CONVEYOR (OPTIONAL)</u>	Length :1500mm width: 250mm Height: 800mm Stainless Steel with driver motor.
<u>CHASSIS MATERIAL</u>	Big electrostatic painted metal chassis with Plexiglas window, All the layers and parts that will be in touch with the products have made by 304 quality stainless steel materials.
<u>FIXING AND HANDLING ACCESSORIES</u>	The machine have 6 adjustable levelling feet LEVEL model. And 6 adjustable heavy duty wheels EMES model. Made in Turkey
<u>WARRANTY</u>	1 year for electrical parts 2 year for mechanical parts
<u>PRODUCTION TIME</u>	45 working days
<u>INSTALLATION AND TRAINING</u>	2 working day installation and training
<u>MACHINE TRANSPORTING PACKAGE</u>	Wooden Packaging Box





TWO SIDE OUTLET CONVEYOR:

For moving filled packages from the packaging location to two side lift and right by putting a carton from right and lift side to be filling by the conveyor itself.

The conveyor dimension is:

length 550mm,

width 230mm

And height 820mm.

NONWOVEN AND SACHET FEATURES:

- Sachet filling and packaging capacity: 90-100 wipe/min.
- Spunlace nonwoven (Unfolded) width: Min. 100mm – Max. 200mm.
- Spunlace nonwoven (Unfolded) length: Min. 50mm – Max. 200mm.
- Spunlace nonwoven (Unfolded) thickness: Min.30 gsm – Max.200 gsm
- Sachet width: Min.60 mm - Max.120 mm.
- Sachet length: Min.50 mm – Max.140 mm.
- Sachet thickness: Min. 2 mm –Max.15 mm.

MACHINE SPECIFICATIONS:

- Machine width: 800 mm.
- Machine length: 2300 mm.
- Machine height: 1700 mm.
- Net weight: 850 kg.
- Folding unit width: 850mm.
- Folding unit length: 1600mm.
- Folding unit height: 1430mm.

ELECTRICAL INFORMATION:

- All devices used in the system comply with the international and European standards.
- 2 x 48 volt 250 watt lower jaw resistance.
- 2 x 48 volt 250 watt upper jaw resistance.
- 2 x 48 volt 250 watt side jaw resistance.
- 0.55 kw Electrical Engine and Drivers.
- Optic reader color photocell.
- 2 Servo driver 0.4kw, 0.6 kw.
- 5.7 inch Color touch screen.
- PLC control system.
- Total power 4 kW.

FILLING & FOLDING & PACKAGING SYSTEM:

- Packaging film roller attached to the machine and jaws way.
- Spunlace nonwoven wipes roller attached to the folding unit.
- Folding unit do the folding work for the spunlace nonwoven wipes and send it to the machine
- The spunlace nonwoven wipes are filled into the packaging paper.
- The perfume water filled in the package throw the jaw system.
- Folding and packaging work ends with the bottom-side-front-rear bonding and cutting work.
- The sachets come out with outlet conveyor transferred to the collecting location.