

# Master & Co Srl



*Construction of automatic machines - Packaging - Print System and Laser cutting*

## PATENTED MACHINERY TW-300 PACKAGING MACHINE FOR NONWOVEN CLOTHES



Full automated line with electronic format exchange for the production of nonwoven and microfibre cloths. The machinery works by reel and can be provided with an automatic non-stop reel changer. It produces packs of clothes in a variable number from 1 to 5 pcs for a production of 100 packs per minute with a speed of 150 Mts./Min of the tissue. The size can be adjusted by millimeters.

### TECHNICAL FEATURES

- *AUTOMATIC REEL UNWINDER WITH CONSTANT TENSIONING OF THE TISSUE AND AUTOMATIC CENTERING*
- *QUICK-CLAMPING OF THE CLOTH REEL ON THE EXPANDING SHAFT*
- *DUAL SENSOR AUTOMATED SYSTEM FOR THE AUTOMATIC CENTERING OF THE CLOTHES IN THE DIRECTION OF ROTATION.*
- *CLEAN CUT WITHOUT TRIMMING*
- *AUTOMATIC NON STOP FOLDING OF THE CLOTHES IN 4 FOLDS*
- *ELECTRONIC CAMS TO CONTROL THE MOTORIZED AXES*
- *CYCLIC CONTROL STEP BY STEP OF THE MACHINERY*
- *CONTINUOUS ADJUSTMENT OF THE FOLD POSITION DURING PRODUCTION TO OPTIMIZE THE FINAL PRODUCT*
- *NEW **PATENTED** SYSTEM OF COLLECT AND COMPOSITION OF THE PACKAGING THAT ALLOWS HIGH PRODUCTION SPEED PROCESS NEVER REACHED BEFORE AND WITH THE BEST RELIABILITY*

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## USER INTERFACE AND MACHINE MANAGEMENT SYSTEM

FULLY ELECTRONIC MACHINE WITH A VERY USER-FRIENDLY INTERFACE FOR THE OPERATOR. THERE ARE VARIOUS LEVELS OF ACCESS SO THAT THE SYSTEM THEREBY CONSIDERABLY SIMPLIFIES THE HANDLING OF THE MACHINE AND ABOVE ALL ENSURES THE BEST PRODUCTIVITY OF THE LINE ITSELF, WITH RECIPES AND DATA EXCHANGE EVEN WITH MACHINES AND SYSTEMS OF SUPERVISION. LATEST GENERATION ELECTRONIC AND DISTRIBUTED LOGIC SYSTEM, EFFICIENT AND RELIABLE PROVIDED WITH DIAGNOSTIC PURPOSES IN THE EVENT OF MALFUNCTION

## MACHINE STATUS AND ALARMS

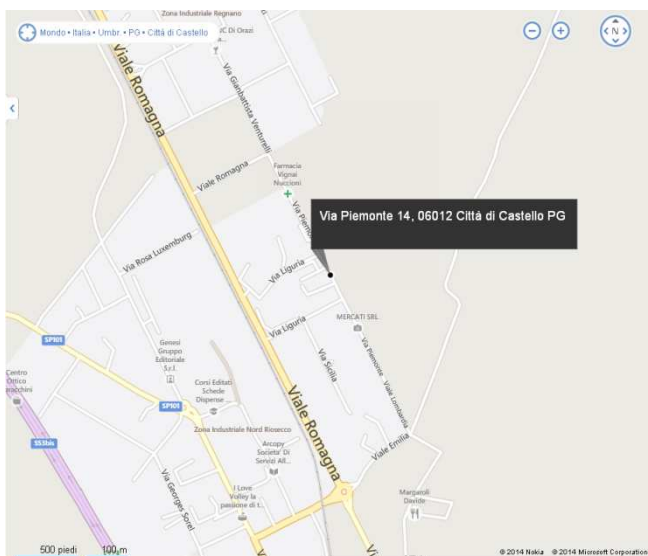
THE CONTROL PANEL IS THE INSTRUMENT BY WHICH THE OPERATOR SETS THE WORKING PARAMETERS AND THE PROGRAMMING AND FROM WHICH HE RECEIVES ALL THE INFORMATIONS ABOUT THE MACHINE STATUS INCLUDED THE EVENTUAL ALARMS ASSOCIATED WITH THE CLASSIC MENU AND GRAPHICALLY EVIDENCED

## MACHINE MODULES

UNWINDER - CENTRING TOOL - FIRST FOLD LINEAR - TRANSVERSAL CUTTING - SECOND CROSS FOLD - COLLECTOR - PACK SEQUENCER - EXIT BELT.

## TECHNICAL FEATURES

OUTHER DIMENSIONS	
Lenght x Width x Height= 3,5 x 2,8 x 1,9 Mts.	Prod. Max = 100 Packs/Min.
SINGLE FOLD PRODUCTION 300 Pcs/Min.	MAX SPEED= 150 Mts./Min
WEIGHT OF THE LINE	1200 kgS
NOISE EMISSION	65 Db
POWER INSTALLED	12 Kw
POWER CONSUMPTION	8 Kw
COMPRESSED AIR TO BE EMITTED	50 liters/min
HEIGHT OF LOAD	850 ± 50 mms
CERTIFICATION	CE



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