



GÜVENMAK AMBALAJLAMA MAKINALARI SAN. TIC. LTD. STI.

129/10 SOK. NO:80 4. SANAYI SITESİ BORNOVA - IZMIR / TURKEY

TEL / FAX : +90 232 375 1080

www.guvenpack.com info@guvenpack.com

GM 100W

General Features

- Conveyor belts are antibacterial with FDA standards
- Rotary and flexible cut with angle cut
- Full automatic servo controlled stacking system
- Close-loop motor controlled unwinding station
- Close-loop motor controlled pulling station
- Close-loop motor controlled band pulling station
- Mobile touch screen control panel
- Interlock switches on the doors with safety switches
- High voltage and low voltage is separated in cabinet
- Lights in operational sections
- User-friendly HMI with touch screen
- Operator authorization through HMI Screen
- Diagnostic alarm system shows alarm places on HMI screen
- Adjustable folding parts
- Semi – automatic fabric reel change (No stop required)
- Wetting system flow control on HMI screen
- Liquid dosing through wetting nozzles on lines
- Liquid level control by limit sensor
- All alarms warnings gives sound and visual output.
- All PLC I/O parameters possible to see on HMI screen
- Conveyor belt has detection sensor to stop jammed system.
- Wireless remote help to machine to fix problems and software update.
- Extra 200lt inner solution tank.
- Rotary-flexi cutter has hardness as bearing. It gives cutter long life and Works low noise.
- Security Sensors, Switches and Emergency Buttons available for safety.
- Almost all mechanical parts are 304 Stainless Steel. Also there is nickel cover mechanical parts which are not 304 Stainless Steel. Nickel cover save the part from being corrosion.
- **No hand touch Production.** Directly connected to packaging machine.

Construction

- Machine has painted steel body with RAL 9010 color. Stainless Steel AISI 304L surface wears on it.
- Places which touch the water and paper are Stainless Steel Cr-Ni.
- Enduring Wheels to replace the machine easily.
- Enduring Adjustable feet to place machine permanently.



Wipes Materials

- Nonwoven : 30 – 80 gr/m²
- Adjustable Jumbo Roll slicers to use Jumbo Roll
- Max Bobbin Diameter : 1200 mm
- 12 Lanes Sliced Bobbin or 2 lanes Jumbo Bobbin (OPTIONAL)



Capacity

- Cutting Speed : Design 400 cuts/ minute. Advised Max 350 cuts/minute
- Stacking Speed : Max 50 stacks / minute. (for 80pcs/package)
- Wet Wipes Speed : Max 4200-4800 wipes / minute.
- Packaging Speed : Max 55-60 packs / minute.
- Cutting Interval : 70mm – 200 mm.
- Stacking pieces : 20 – 130 pieces

Folding Types

Standart



Optional



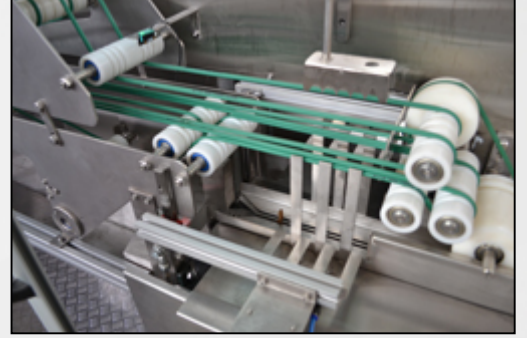
- Width of the Folded Wipes : 80mm – 120mm. (optionally can be increased)
- Length of the Folded Wipes : 70mm – 200mm.
- New adjustable folding system. Possible to change wide of the wet wipes easily.

Stacking System

This unit is servo controlled. In synchronization with cutting system, stacking punches stock up

the stacks and stacking platform takes them to packaging machine conveyor. Servo motors have torque control system to prevent mechanical jamming.

- Stacking Punch : Punching moves on linear carts compatible with high speed and acceleration. It makes no vibration or jamming.
- Stacking Platform : Servo Motor Controlled. Independent servo controlled.
- Stacking pieces; any pieces wet wipes in package is possible between 30 to 120 pieces.



Control Panel

- 7" 16.7 Million Colorful touch-screen monitor and has Linux Operation System.
- Control Panel is Mobile.
- Possible to see and change ; Machine speed, Wet Wipes length, Stacking Pieces, Package Length, Sealing Time, Counting, Timing, Working Wet Wipes Folding Line single, Working Wet Wipes Packaging Line single, sticker position, labelling position, photocell position, Sealing position, Sealing Timing, Product Counter, Punch position, etc. are easily set by Touch screen monitor.
- All Alarm status on the touch screen monitor.
- 4500 different product recipes memory.
- 16MB memory to save Alarm Logs History.



Remote Help

- Machine has **Wifi Internet connection** to get Remote help.
- Dont have to plug Internet Cable to machine. Machine has Wireless Modul to Access internet to get remote help from us.
- Machine has Wi-Fi Communication help. We can update the machine software.
- Possible to detect and fix the errors instantly If machine has.
- Machine has Warranty for Skype Help.

After Sale Service

- Machine has 2 years technical after sales service.
- Machine has Skype Remote help service.
- Machine has Software update and Error fix service.

Overall footprint of the production line

The Nonwoven material bobbin(if there is jumbo bobbin it slice by slicers) goes through the rolls and goes to folding parts. After that it goes to wetting system. Then nonwoven material cuts by cutter. Then goes to stacking punch. Stacking punch collect them on stacking platform. After counting stacking platform takes stacks to packaging machine's conveyor. Conveyor takes them into folded packaging material. Packaging material has punch and labels on it. Then it has end seal by jaw.



The Components in Use

Photocells, Sensors, Encoders ; **Pepperl+Fuchs** (Germany)

Motor Drivers; **ABB** (Switzerland), **Panasonic** (Japan), **Delta** (Taiwan)

Pneumatic ; **Parker** (USA) , **SMC** (Japan) Bearings; **SKF** (Italy), **ORS** (Turkey)

Electrical Components; **Schneider Electric**, **Telemecanique** (France), **Omron** (Japan)

- Guven has right to change components without asking.



GM 100W

Machine Dimensions		Requiments	
Length	800cm	Electrical	380V 3Phase 50Hz
Width	220cm	Motor Power	8.5 KW
Height	240 cm	Total Power	10 KW
Weight	4000kg	Air	6 - 8 Bars