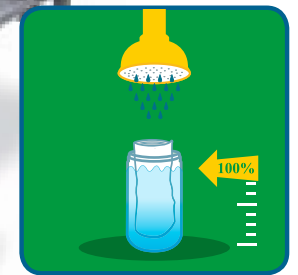
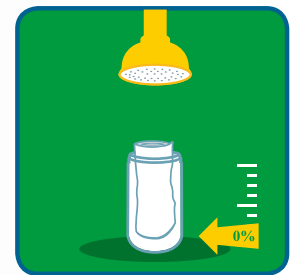


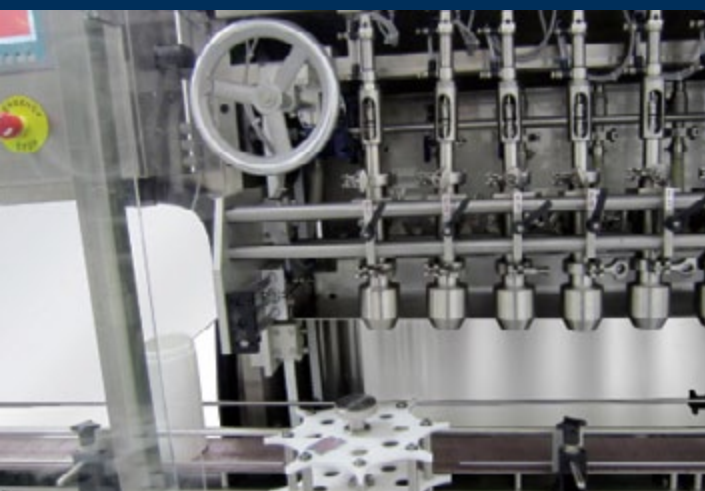
# FGW120

## The world's most advanced round wipes wetting and portioning machine

Made for round nonwoven wipes, the FGW120 automatically fills and with a tolerance of only 0.5% of vol., accurately portions wide range of viscosities into canisters. On top of its anti-overflow mechanism, the smart FGW120 also has 8 special encoder equipped gear pumps and ultra wide no-drip developed shower nozzles designed for homogenous wetting and optimal liquid absorption to achieve top production and hygiene standards.



### Quick Fact Sheet:



- Fully automatic
- Throughput models offered: 60, 120 & 200 products per minute
- Portioning tolerance: 0.5% of filling volume, **reducing waste!**
- Sub 20 minutes changeover, **reducing downtime!**
- Anti-overflow proprietary mechanism
- Anti-drip proprietary ultra wide shower nozzles
- Supporting both oval and round canisters
- Sanitary design for highest standards of rolled wipes production
- Explosion proof, corrosion proof upgrades available
- All machine metals made of stainless steel 314 or 316

## The FGW

### THE FGW IS GEAR PUMPS EQUIPPED

**Main pros** vis-à-vis volumetric, gravity or piston fillers are:

- **Range.** Filling volume range is theoretically unlimited
- **Sanitation.** Is better due to a different cleaning operation mode manner
- **Accuracy.** Is a +/- 0.5% tolerance of volume. reducing waste!
- **Space.** Fewer pumps are required for the same filling volume, saving space!
- **User friendly.** Filling volume and throughput is controlled for either all or each pump with no-tools through the HMI interface (Impossible with volumetric filler)
- **Maintenance.** Is easier and less expensive
- **Reliability.** This Methodology is the most reliable over time



## Machine specifications:

### Canister

Canister Dimensions Supported	Diameter		Height	
	Min: 75mm	Max:130mm	Min:100mm	Max:280mm
Canisters shape supported	Round and Oval			
Canisters per sealing cycle	8 products given a 600ml – 700ml filling volume per canister			
Machine Rate	120 per minute			

### Other Features

Filling range capacity, per canister	25cc – 10L
Filling viscosity supported	Up to 60,000 centipoise
Filling tolerance	+/- 0.5% of filling volume, reducing waste!
Changeover time	Sub 20 minutes, tools-free, reducing downtime!
Filling Method	8 independent SST316 Special SA Gear Pumps controlled individually or as a unit through a smart touch screen
Encoder equipped Nozzles	SA unique ultra wide no-drip showerhead, Teflon seals equipped nozzles for optimal absorbance and round rolls liquid dispersion.
Star Wheel	Indexing, forwarding and counting canisters
Liquid Tank	Made of SST316 stainless steel, 3 level transmitters (full, half full and empty). Volume: 115L
Liquid Bath	Featured as a tunnel running under the machine base and conveyor to contain excess liquids. Made of SST304 stainless steel
Drip Tray	Installed inside the machine body, made of SST316 stainless steel. Enabled/disabled touch screen control

### Machine Construction

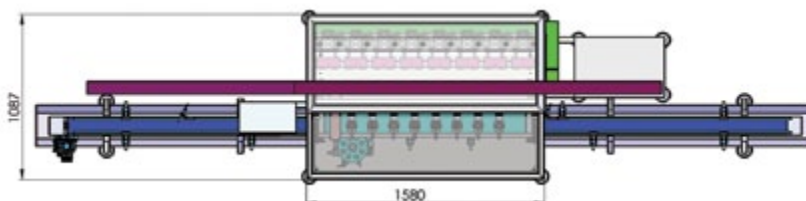
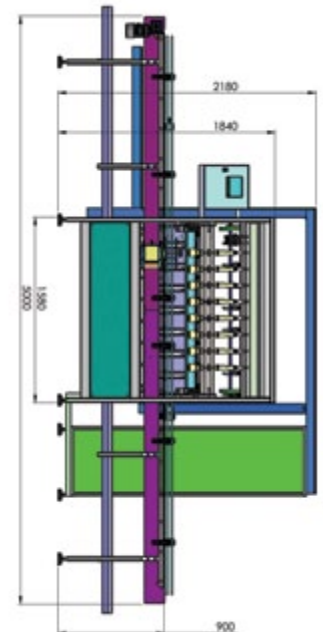
Main Conveyor (made from SST304)	Length: 6.5m	Width: 130mm
Machine frame (made from SST304)	RHS 40x80	

### Machine Control

Safety controls, emergency stop & doors	Wired through Category 4 Compliant Controller	
Color HMI Touch panel	Allen Bradley or Siemens options are available	
PLC	Allen Bradley or Siemens options are available	
Sensors	Omron/Sick	
Voltage	US: 460/480, 3P, 50/60, 6A or 280, 3P, 2KWH	Europe: 3X380V, 2KWH
Pneumatics	Festo/SMC	
Air Supply	6ATM, 0.06CFM, 1.67 Litre/Minute	

### Machine Dimensions:

	Height:1800mm	Width:5172mm	Depth:1087mm
Machine Weight	600 KG		



**For a video demo visit us at [sawetwipes.com](http://sawetwipes.com)**

