



# INDUSTRIAL ENGINEERING SOLUTIONS



## PT SANCO INDONESIA

### Head Office

Komplek Meruya Garden Blok M No.11  
Meruya Utara, Kembangan  
Jakarta 11620 - Indonesia  
Tel +62 21 5890 5070 (Hunting)

✉ [info@sanco.co.id](mailto:info@sanco.co.id)  
🌐 [www.sanco.co.id](http://www.sanco.co.id)

### Branch Office

Manyar Megah Indah (RMI) Blok L No.3A  
Jl. Ngagel Jaya Selatan  
Surabaya 60284 - Indonesia  
Tel +62 31 9944 3070

### Showroom

Kawasan Industri Millenium  
Blok L3 No.1B Tigaraksa  
Tangerang 15720 - Indonesia



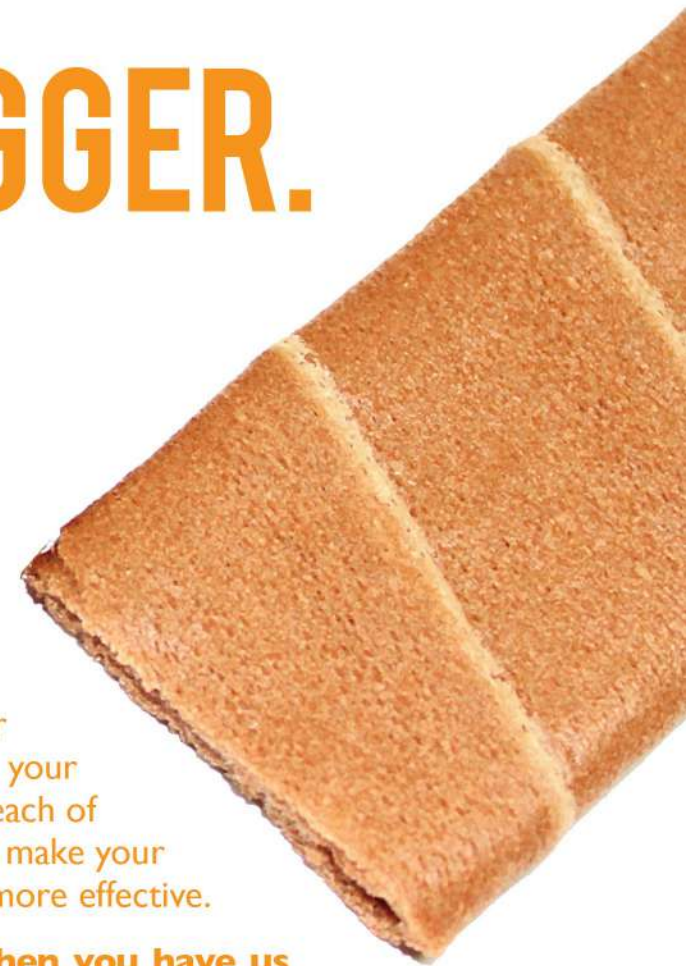
SCAN  
THE CODE  
FOR MORE  
INFORMATION







# GROW BIGGER. BETTER. TASTIER.



We are here to help you improve your production system, so you can expand your business to the next level. Therefore, each of our machine is specifically designed to make your food manufacturing process so much more effective.

**So why do you settle for less when you have us as your solution to grow your business bigger?**

## STANDING OUR GROUND

PT Sanco Indonesia is a manufacturing company specializing in the manufacturing of food and packaging machineries. The company has started its experience in 1987. After three decades, we have grown into one of the leading machineries manufacturing companies, a position achieved through knowledge and know-how combined with continuous innovations.

Ideas and innovations are created, solutions and recommendations are given to produce the best result for customers.

## IN QUALITY WE TRUST

High quality products and services is the result of an excellence of conduct. Each production is precisely planned, designed, modified, and tested as we appreciate the importance of precision. Quality is one of the critical aspect that we prioritize for the satisfaction of customers.



# CREATING BREAKTHROUGH

1987

The 1<sup>st</sup> **Wafer Stick Machine** was designed, produced and launched to the market. The machine was 2-lane type.

1999

The 1<sup>st</sup> year to export our **Wafer Stick Machine**.

2006

The 3-Lane **Wafer Stick Machine** was launched to the market.

2008

The 4-Lane **Wafer Stick Machine** was launched to the market.

2010

All machines that we produced were  
**CE**  
CERTIFIED



2013

Our machines were sold and installed in 5 continents around the world.

2016

Moved to the new bigger factory with new spirit to grow bigger.

2024

The 6-Lane **Wafer Stick Machine** was launched to the market.

2025

Our machines have been installed and running in 59 countries.

# MASTERING THE FOOD MACHINERIES

Over the years we have rapidly expanded its coverage to provide the solution for Food and Packaging company machinery requirement.

We have proven ourselves as one of the top machine manufacturers in the world with CE certification. In addition to the significant market share in Indonesia, we export our machineries to some countries, such as Spain, Italy, Japan, India, and many Middle East countries. The acceptance of our products in foreign countries proves our service excellence.





# GOING AROUND THE GLOBE



## INSTALLED AND RUNNING IN 59 COUNTRIES

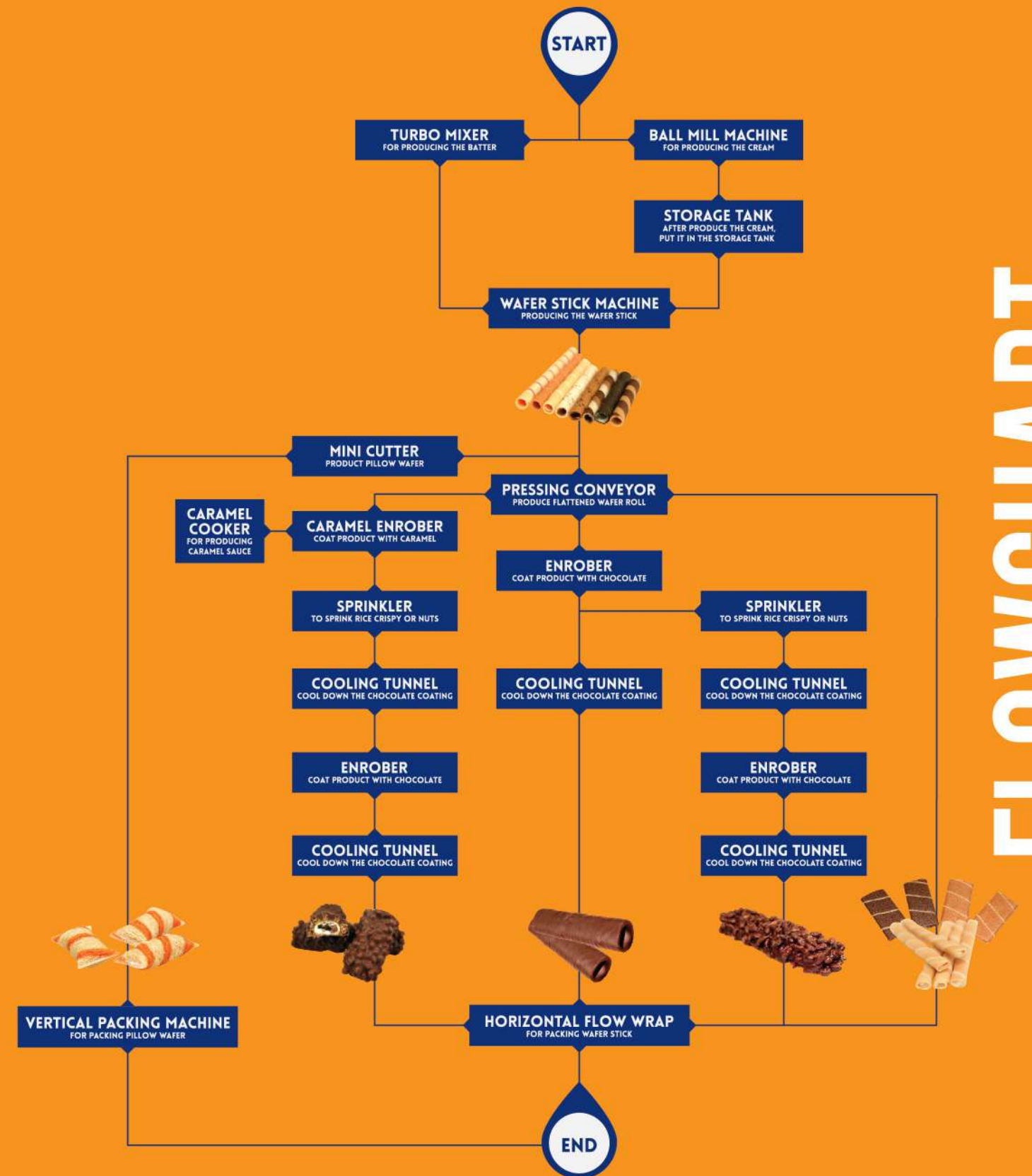
ASIA			EUROPE			AMERICA		
ARMENIA	PAKISTAN	NEPAL	BELGIUM	GERMANY	GREECE	ARGENTINA	BRAZIL	CUBA
BANGLADESH	PALESTINE	PHILIPPINES	HUNGARY	ITALY	LITHUANIA	ECUADOR	MEXICO	NICARAGUA
CHINA	SAUDI ARABIA	RUSSIA	MACEDONIA	MOLDOVA	POLAND	PERU	USA	
GEORGIA	SINGAPORE	SOUTH KOREA	SRI LANKA	SYRIA	SLOVAKIA	ALGERIA		
INDIA	IRAN	ISRAEL	THAILAND	TURKEY	UAE	EGYPT		
INDONESIA	UZBEKISTAN	YEMEN	SPAIN	UKRAINE	NEW ZEALAND	MADAGASCAR		
JAPAN			SUDAN			MOROCCO		
KUWAIT						NIGERIA		
LEBANON						SENEGAL		
MALAYSIA								
MYANMAR								
VIETNAM								

## EXCEEDING CUSTOMERS' EXPECTATION

The customer relationship management system helps our people to focus and take full responsibility to provide one stop services for our customers. We realize that the after sales service is as important as the sales process itself to our customers, for which we provide our customers with our best technicians. We are not only working for our customers but also working together with them.



## FLOW CHART OF WAFER STICK PRODUCTION



FLOWCHART





# AUTOMATIC WAFER STICK PRODUCTION LINE



## Batter Preparation & Transfer System

The batter preparation and transfer system consist of Turbo Mixer Machine, Storage Tank, and Piping which equipped with sensor and motorized valve to transfer the batter in automatic process to Wafer Stick Machine.



## Filling Cream Preparation & Transfer System

The filling cream preparation and transfer system consist of Ball Mill Machine, Storage Tank, and Piping which equipped with sensor and motorized valve to transfer the filling cream in automatic process to Wafer Stick Machine.



## Coating Cream Preparation & Transfer System

The coating cream preparation and transfer system consist of Melting Tank, Storage Tank, and Piping which equipped with sensor and motorized valve to transfer the coating cream in automatic process to Enrober Machine.



## Coating & Cooling System

The coating, sprinkling, and cooling process consist of Enrober, Sprinkler, and Cooling Tunnel Machine. Enrober Machine is designed to coat the Wafer Stick with coating cream and some decorated toppings and transfer to the Cooling Tunnel machine automatically.







3D Virtual Demo

# 6-LANE WAFER STICK MACHINE



FRONT  
VIEW



SPREADER



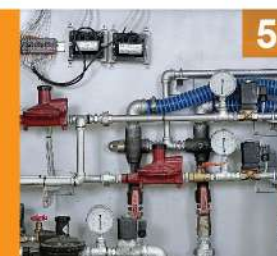
ROLLING  
FILLING  
CUTTING



ELECTRICITY  
PANEL



GAS PANEL



COOLING  
ELEVATOR





WAFER STICK MACHINE

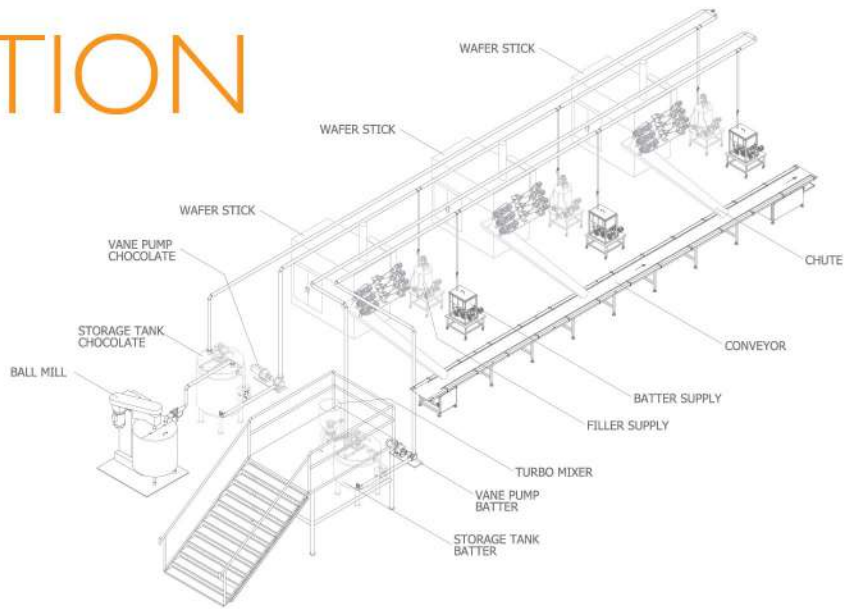
# SPECIFICATION

MACHINE SPECIFICATION		2 LANE - KWS 2R	3 LANE - KWS 3R	4 LANE - KWS 4R	6 LANE- KWS 6R
Number of Row		2	3	4	6
Baking Wheel Diameter (mm)		2,000	2,000	2,200	2,200
Product Length (mm)		40 - 250			
Capacity (pcs/min) *with product Size L: 100 mm D:10 mm		180 - 200	270 - 300	360 - 400	540 - 600
Heating System		Automatic Hi-Low Flame with Torch and Infrared Burner			
Gas Consumption	LPG (kg/h)	3 - 3.5	3 - 4.5	7 - 8.5	9 - 10
	LPG (m³/h)	0.6 - 0.7	0.7 - 0.9	1.4 - 1.7	2.3 - 2.5
	LPG (m³/h)	1.0 - 1.2	1.2 - 1.5	2.3 - 2.8	3 - 3.5
Electric Consumption (kW)		7.5	9.5	11.5	12.7
Power Supply		AC 415V, 3 Phase, 50Hz/60Hz			
Temperature Sensor		Standard: Thermocouple inside Chamber Optional: Infrared Temperature Sensor on Baking Wheel			
Gas Mixture System		Automatically with Ventury Mixer and Blower			
Flame Detector		Daido - Japan			
Drive Motor		European Made or Japan Made AC Motor			
Cutting System		Servo Motor			
Equipment Supplied with		1 Set 1 <sup>st</sup> Color Batter Supply System with Stainless Steel Gear Pump 1 Set 2 <sup>nd</sup> Color Batter Supply System with Gravity Flow 1 Set Filling Double Jacket System with Stainless Steel Gear Pump 1 Unit Pressure Tank for Gluing System			
Gas Pressure Requirement		0.5 - 2 Bar (LPG OR LNG)			
Touch Screen & PLC		HMI 10" with Mitsubishi PLC - Japan			
MATERIAL					
Body		Double Wall, heat insulated by Rockwool with SUS plate			
Baking Wheel		Cast Iron			
Batter Pump		Stainless Steel Gear Pump			
Filling Cream Pump		Double Jacketed Stainless Steel Gear Pump			
Dimension L x W x H (mm)		3,000 x 1,900 x 2,300	3,000 x 2,100 x 2,300	3,000 x 2,500 x 3,000	3,000 x 2,800 x 3,000
Approximate Weight (kg)		4,200	4,500	5,000	5,500

All specification can be changed refer to latest technology without prior notice

WAFER STICK MACHINE

# AUTOMATION



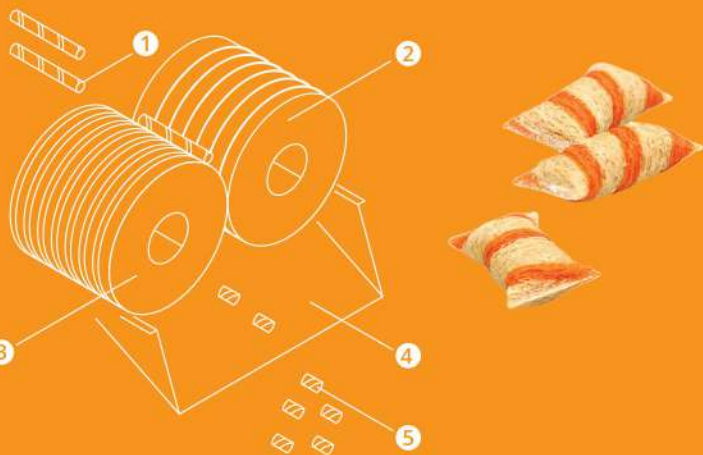
WAFER STICK MACHINE

# ACCESSORIES



## MINI CUTTER

- 1 Wafer Stick
- 2 Roller Blade
- 3 Roller Drive
- 4 Chute
- 5 Pillow Wafer

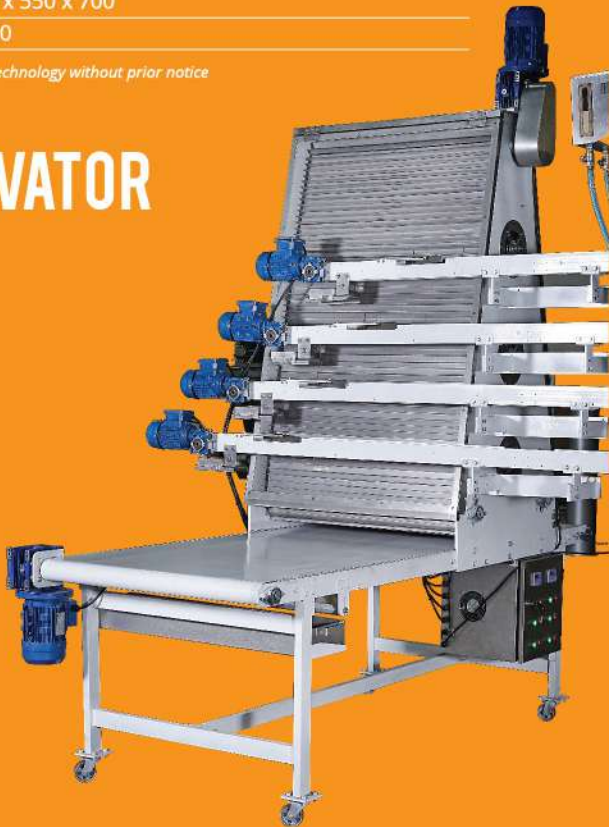


## KMC 200-D

Cutting Length (mm)	28 - 32 (Fix size depends on the product approval drawing)
RPM Adjuster	Adjustable Speed with Inverter
Power Consumption (kW)	1.5
Power Supply	AC 230/400V, 3 Phase, 50Hz
Material	Framed Mild Steel Stallbush 40 x 40 Finishing Paint
Dimension L x W x H (mm)	770 x 550 x 700
Approximate Weight (kg)	± 250

All specification can be changed refer to latest technology without prior notice

## COOLING ELEVATOR



## PRESSING CONVEYOR



# INSTANT CEREAL MACHINE



MACHINE SPECIFICATION	KCM 350	KCM 580
Product	Crispy Cereal/Wafer Flakes	
Product Size (mm)	4 - 6 mm (fix size depends on the approval drawing)	
Baking Drum	Cast Iron	
Baking Drum Diameter (mm)	2,000	2,200
Temperature Sensor	Standard: Thermocouple inside Chamber Optional: Infrared Temperature Sensor on Baking Wheel	
Heating System	Automatic Hi-Low Flame with Torch and Infrared Burner	
Touchscreen and PLC	HMI 7" with Mitsubishi PLC - Japan	
Gas Consumption (LPG m³/h)	0.7 - 0.9	1.6 - 1.7
Gas Pressure Requirement	0.5 - 2 Bar (LPG or LNG)	
Power Supply	AC 220/380 V - 3 Phase - 50Hz	
Electrical Consumption (kW)	9.5	11.5
Drive Motor	European Made or Japan Made AC Motor	
Body	Double wall, heat insulated by Rockwool with SUS Plate	
Batter Pump	Stainless Steel 304 Gear Pump	

All specification can be changed refer to latest technology without prior notice



# TURBO BALL MILL MACHINE



MACHINE SPECIFICATION		ONE-CYCLE BLADE-DISC BALL MILL (BMX-350)
Performance		One Cycle Continuous Milling ± 350 kg/h of 30 μ - 35 μ
Product		Cream or Paste made from Cocoa Powder, Grinded Sugar, and etc.
Main Tank Shell Jacket		Mild Steel (Painted)
Inner Tank		Mild Steel Pipe Sch 80 Ø 16 inches (Painted)
Outer Tank		Mild Steel Pipe Sch 10 Ø 20 inches (Painted)
Frame & Base Plate		Mild Steel (Painted)
Shaft		S45V/VCN
Arm Agitator		Hardened Steel
Steel Balls		450 kg, Ø 0.375 inches High-Carbon Stainless
Pipe Outlet Product		Valve Ø 2 Inches
Base Plate Motor Agitator		Mild Steel (Painted)
Motor Drive Agitator		55kW "European Brand", 220 - 380 VAC, 3 Phase
Inverter & Electronics		55kW Mitsubishi or Equivalent
Warm Water Tank		Stainless Steel 304
Water Pump		Stainless Steel, 0.37kW, 220 - 380 VAC, 3 Phase
Display Temperature Product		Digital
Vane Pump & Assy Body:		Stainless Steel 304
	Input - Output Product	Ø 2 inches
	Motor Drive	2.2kW "European Brand"
	Pump Capacity	± 30 Liters/minute
	Input - Output Hot Water	Ø 0.5 inches
	Power Consumption	2.2kW "European Brand", 220 - 380 VAC, 3 Phase
Total Electric Consumption		60kW, 220 - 380 VAC - 3 Phase
Tank Dimension (m)		Ø 0.5 x 1.6 (H)
Machine Dimension L x W x H (m)		1.5 x 0.8 x 2.2
Weight (kg)		± 1400
Required Chilling System		Water Chiller with minimum flowrate 100 L/min and temperature between 2°C - 10°C

All specification can be changed refer to latest technology without prior notice

# BALL MILL

## KBM - 500

Volume of Product (kg)	500
Steel Ball	500 kg type AISI 52100 (60HRC)
Motor Drive	European Made or Japan Made AC Motor (Optional: Adjustable Speed with Inverter)
Tank Material	Stainless Steel 304 or Mild Steel (Depends on Buyer's Request)
Pump	Circulation Vane Pump
Included with	• Insulation with Rockwool
	• Internal Heating System with 3 x 2kW heater and thermocontroller
External Supply Requirement	• Circulation Water Pump for Internal Mode
	• Auto Cut Off for Jacket Circulation System (Hot and Chill Water from External Supply) with Solenoid Actuator
	• Chill Water: 10° - 15° C with minimum flowrate 70 L/min (Max. Pressure 1 Bar)
	• Hot Water 50° - 70° C with minimum flowrate 70 L/min (Max. Pressure 1 Bar)

All specification can be changed refer to latest technology without prior notice



# TURBO MIXER

## KTM - 90 SM

Tank Volume (L)	185
Volume of Product (kg)	90
Mixing Time (Minute/Batch)	10 - 20
Motor Drive	4kW AC Motor (900 - 950 rpm)
	European Made or Japan Made
Power Supply	AC 220/380V, 3 Phase, 50Hz
Tank Material	Stainless Steel 304
Dimension L x W x H (mm)	1,350 x 950 x 1,450 Diameter Tank 650
Approximate Weight (kg)	150

All specification can be changed refer to latest technology without prior notice



3D Virtual Demo



3D Virtual Demo





# COOLING TUNNEL MACHINE

## KCT - 24/100

Frame Conveyor	Stainless Steel 304
Conveyor Foot	Stainless Steel 304
Tunnel	Stainless Steel 304 - Insulation Polyurethane Foam Thickness 50 mm
Bottom	Stainless Steel 304 - Insulation Polyurethane Foam Thickness 40 mm
Conveyor Roller	P.U. Belt Non-Adhesive – Food Grade (with Color) Thickness 2 ply (W) 1,000 mm
Main Drive Conveyor	Pipe Mild Steel – Natural Rubber Coated
Roll Drive	Stainless Steel 304
Frame Evaporator	Stainless Steel 304
Cover Evaporator	Stainless Steel 304

# ENROBER MACHINE

## KEM 1050

Anti Tailing	0.18kW, 220/380V, 50 Hz Variable speed with inverter
Vibrator	0.18kW, 220/380V, 50 Hz Variable speed with inverter
Water Heater	Heater Cromaloc 1 x 6kW, 240VAC Adjustable temperature with thermostat EGO
Room Heater	Heater 4 x 500kW, 240VAC Adjustable temperature with thermostat EGO
Chocolate Pump	Screw Pump SUS 304 (double pitch) Power 2.2kW, 380VAC, 50 Hz
Conveyor Speed	2 - 4 m/min
Blower	Turbo Blower 2.2kW, 380VAC, 50 Hz, 2800 rpm



Air Flow Plate Ducting	Stainless Steel - One Layer in Tunnel
Scraper Belt	Nylon or Teflon
Waste Tray	Stainless Steel 304
Adjuster Belt	By Tracking Device, Cylinder Pneumatic System
Conveyor Speed	1.4 – 6 m/min
Conveyor Drive	Induction Motor “EUROPE or JAPAN” 1.5kW 220/380 VAC – 3 Phase – 4 P – 50 Hz (Variable speed – With Inverter “Mitsubishi”)
Tunnel Dimension	22 m (L) x 1.3 m (W) x 0.4 m (H)
Machine Dimension	24 m (L) x 1.4 m (W) x 1.35 m (H)
Total Electric Consumption	40kW - 3 Phase – 380 VAC 50 Hz
Air Flow System	Convection Cooling

Equipped with Unit Air Cooling System:

Specification:

### 1 (One) Set Condensing Unit at R-404Acomprise:

- Europe Made semi hermetic **BITZER Or EMERSON** Compressor with built-in motor **15 HP**
- Aircooled Condenser merk **GUNTHERS or EDEN**
- Sporlan/Danfoss Filter drier, sight glass & TX-valve
- Liquid solenoid & stop-valve and hi/lo pressure switch
- Base frame, liquid receiver, oil separator and section accumulator

### 1 (One) Set Evaporator Europe Made Brand GUNTHERS or EDEN

All specification can be changed refer to latest technology without prior notice

Conveyor Drive	380VAC, 50 Hz, 2800 rpm Gear Motor 0.55kW, 380VAC, 50 Hz
Electric Consumption	Variable speed with inverter 12kW, 25 Ampere, 3 Phase, 380VAC, 50 Hz 380VAC, 50 Hz
Material	Frame : Mild steel, painted Cover : SUS 304 Hopper : SUS 304 - Jacketed Curtain Coater : SUS 304
Equipped with	Feeder Conveyor 0.37kW, 380VAC, 50 Hz Variable speed with inverter
Machine Dimension	
L x W x H (mm)	1,500 x 1,620 x 2,200
Conveyor Dimension	
L x W x H (mm)	1,500 x 1,200 x 1,000

All specification can be changed refer to latest technology without prior notice



# WAFFLE PLATE MACHINE



## KWP 60

Capacity	30 kg/h Finish Product	Drive	<b>Main Motor Drive:</b> 1 inverter 1.1kW with motor drive 1.1kW <b>Feed Roller unit:</b> 1 inverter 1.1kW with motor drive 1.1kW <b>Outlet Conveyor:</b> 1 inverter 0.37kW with motor drive 0.37kW <b>Fan Blower unit:</b> 1 inverter 1.1kW with motor drive 1.1kW
Dimension (mm)	L 10,700 (exclude Outlet Conveyor) W 2,350 H 3,170 (include exhaust)		
Weight	Approx. 16,000 kg		
Plate & Support	60 pairs @ 240 mm x 440 mm	Product Release	Air jet ejectors controlled by PLC
	Material : Cast Iron FCD 30 Pattern Surface : 30 µ teflon coated		
	Hook locking system, hinges with thrust		
Depositor	4 pcs running wheel with cylindrical roller bearing	Power Consumption	3 Phase - 8kW - 380V
	Spray Oil for Lubricating Plates, controlled by PLC		
	Depositor unit with wirecut system 6 Nozzles Driven by pneumatic cylinder Setting automatically by PLC 2 pcs Feed Roller Driven by Electric Motor		
Heating Mode	Curve type burner with nozzles on top and bottom	Frame	<b>Main Frame:</b> UNP Channel, 100 mm x 50 mm x 5 mm <b>Top Frame:</b> Bend Channel, 40mm x 40 mm 16 adjuster foot step
	LPG consumption approx. 8 kg/h		
	Blower 1.5kW multi stage, auto ignition, solenoid valve, regulator, gauge meter, burner control unit, air-gas mixer, and thermocontroller.		
Infrared thermosensor to detect plate temperature		Cover	Insulation cover thickness 50 mm <b>Plate:</b> SUS 201 thickness 1.5 mm <b>Insulation:</b> Rockwool density #120 thickness 50 mm
Panel Electrical	Standing, separate from main machine	PLC	Mitsubishi
HMI Interface	Mitsubishi touch screen 10.0 inches	Electrical Component	Mitsubishi & Schneider & Omron
Pnumatic Component	SMC & EMC	Outlet conveyor (mm)	3,000 x 600 x 1,000 inclined belt conveyor system

# HORIZONTAL PACKAGING MACHINE



## PFB 120

Product Size Limits	120 jaw centers	140 jaw centers	Capacity (ppm)	20 - 120 (depending on product and film characteristic)
	L 95 - 300	L 125 - 350	Power Consumption	3.5kW, 220V, 1 Phase
	W 20 - 155	W 20 - 155	Dimension L x W x H (mm)	4,620 x 1,150 x 1,430
	H up to 50	H up to 70	Approximate Weight (kg)	1,350
Wrapping Material	Most Heat - Sealable Film		<i>All specification can be changed refer to latest technology without prior notice</i>	
Film Reel Dimension (mm)	Width up to 480 Outer Diameter up to 350 Core Diameter 76			



## AQ 250

Product Size Limits	100-120 jaw centers L 70 - 300 W 20 - 130 H up to 50	140 jaw centers L 125 - 350 W 20 - 155 H up to 70	Capacity (ppm)	50 - 250 (depending on product and film characteristic)
			Power Consumption	3.5kW, 220V, 1 Phase
			Dimension L x W x H (mm)	4,150 x 1,040 x 1,500
Wrapping Material	Most Heat - Sealable Film		Approximate Weight (kg)	1,200
Film Reel Dimension (mm)	Width up to 420 Outer Diameter up to 350 Core Diameter 76		All specification can be changed refer to latest technology without prior notice	

All specification can be changed refer to latest technology without prior notice



# VERTICAL FORM FILL AND SEAL PACKAGING MACHINE



## VERTICAL FORM FILL AND SEAL PACKAGING MACHINE (Volumetric Cup Filling System)

Packable Product	Granule, Liquid and Powder
	Volumetric cup, Auger, Weigher, Multihead Weigher, and Pneumatic
	Center seal, Three-side seal, and Four-side seal
	Up to 60 ppm (depends on product characteristic and packaging film material)
Accuracy Tolerance	± 5%
Interface	HMI 7" (Weintek)
Main Controller	PLC Mitsubishi
Heating Element	4 x 200W/110V
Power Supply	220V 50Hz/60Hz
Electric Consumption	2,000W

All specification can be changed refer to latest technology without prior notice

## VERTICAL FORM FILL AND SEAL PACKAGING MACHINE (Weigher Filling System)

Packable Material	Granule, Powder, etc. (depend on order)
Bag Size	Width: 60 mm up to 100 mm, Length: 50 mm up to 160 mm
Packing Speed	30 up to 120 bags per minute (depends on volume, size and dropping time of the material)
Packing Foil	Heat-sealable foil
Power Required	Main Motor : 1 HP Single Phase, 220VAC Motor Heater : 125 Watt x 4 heater elements (each 110V installed in series)
Input Voltage	220V, Single Phase, 50 Hz
Dimension (mm)	W 700 x L 930 x H 1,850
Weight	Approx. 300 kg

All specification can be changed refer to latest technology without prior notice



# VERTICAL CREAM STICK MACHINE

- 1

Foil
- 2

Rollers
- 3

Guide
- 4

Nozzle
- 5

Vertical Sealing
- 6

Notching
- 7

Horizotal Sealing
- 8

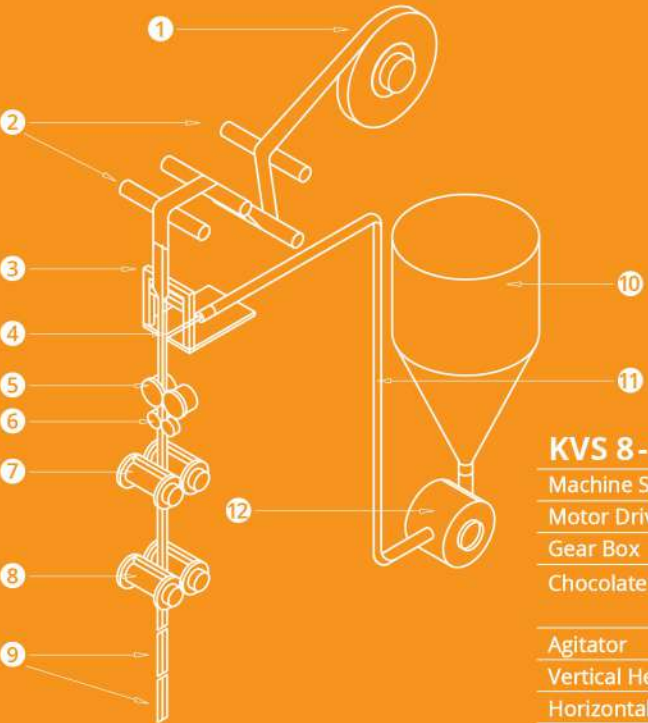
Cutting
- 9

Products
- 10

Product Hopper
- 11

Transfer Pipe
- 12

Gear Pump



## KVS 8-20

Machine Specification		
Motor Drive	1/2 HP, AC Motor	Variable speed with inverter
Gear Box	1/2 HP	
Chocolate Pump	Gear Pump Stainless Steel. 0.37kW Variable speed with inverter	
Agitator	Stainless Steel 304. 0.22kW	Variable speed with inverter
Vertical Heater	6 pcs x 125 W	
Horizontal Heater	1 pc x 560 W	
Temperature Sealing	30° - 200° C (Adjustable)	
Product Size (mm)	Ø 8 - Ø 16 x L 80 - 200	
Packing Capacity	30 - 60 pcs/min (Ø 8 x L 123 mm)	
Packaging Film Size (mm)	W 50 - 75	
Electric Consumption	2.5kW, 10 Ampere, 1 Phase, 220VAC, 50 Hz	
Machine Dimension (mm)	L 1,300 x W 800 x H 1,800	
Material		
Frame	Mild Steel (Painted)	
Cover	Stainless Steel 304	
Notching	HSS	
Vertical Sealing	S 45 C	
Horizontal Sealing	Stainless Steel 304	
Cutting	HSS	
Product Hopper	Stainless Steel 304	Volume ± 30 kg

All specification can be changed refer to latest technology without prior notice