

A close-up photograph of industrial machinery, likely for filling or packaging. The scene is dominated by stainless steel components, including pipes, valves, and a large brown glass bottle. Several bright blue hoses are connected to the machinery, and a yellow hose is visible in the lower right. The background is slightly blurred, showing more of the factory environment.

MACHINERY  
FOR COSMETIC,  
PHARMACEUTICAL  
AND FOOD INDUSTRY

*di Denis*



*Mancarella*

***We make your project come true***

# APPLICATION SECTORS



## CONTAINER SHAPE

-  Cylindrical
-  Square

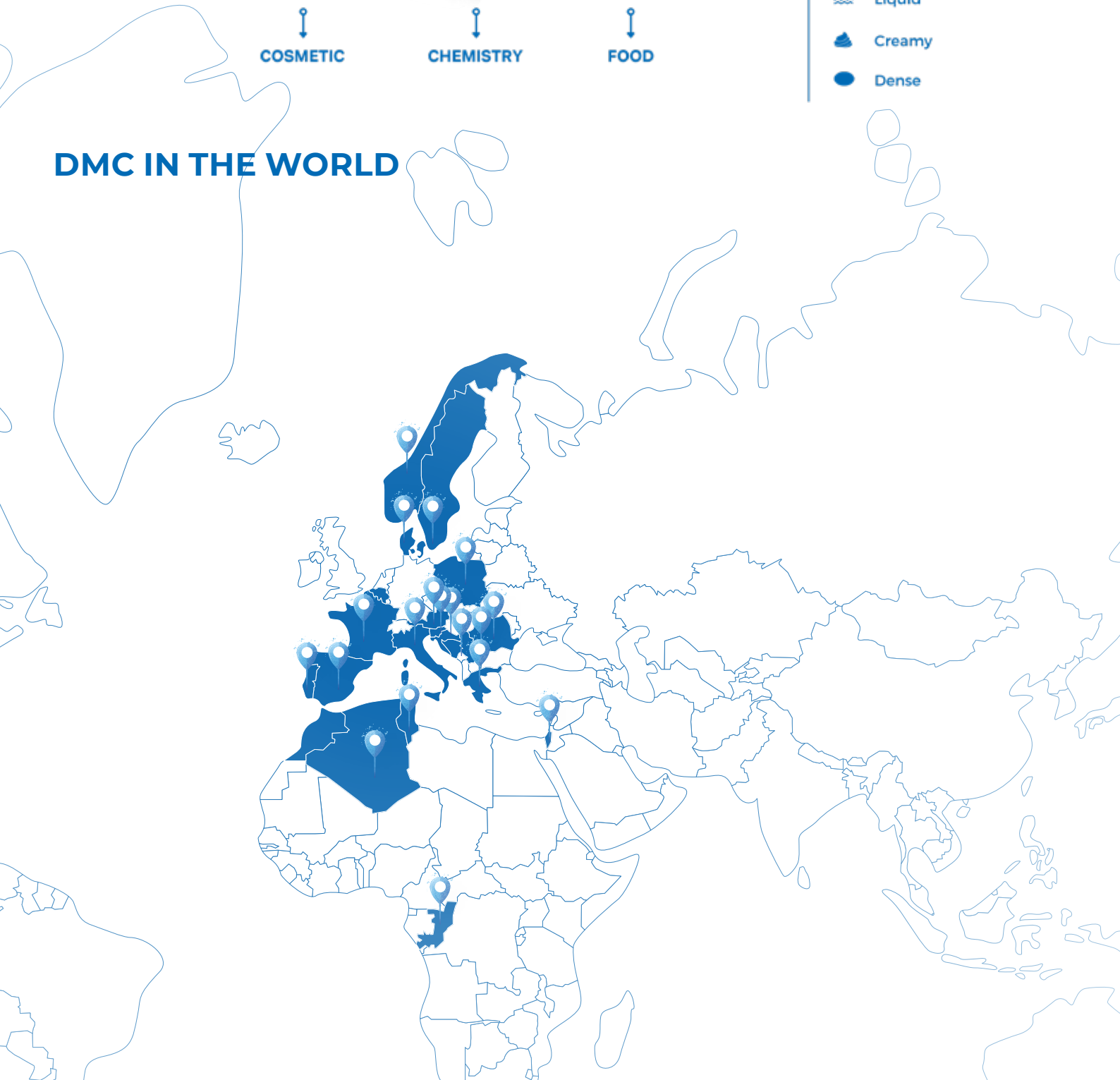
## MATERIAL

-  Plastic
-  Glass

## PRODUCT VISCOSITY

-  Liquid
-  Creamy
-  Dense

# DMC IN THE WORLD



After more than 20 years as a contractor for the production of plants and machines for the most important Italian and foreign companies, the owner and founder Denis Mancarella has decided to make available the expertise and experience gathered to give life to his own project.

Hence DMC Srls, an Italian company specialized in consultancy, design and construction of production and filling lines.

## WHY DMC?

A constantly evolving company that since 2014 has been at the entrepreneur side. Our goal has always been to make customers' work easier and more efficient, listening to their needs. Thanks to the constant dedication and commitment, today DMC srls is already recognized in many countries as a reference point.

From consultancy to assembly, with 360° support even in aftersales service, our mission is to provide customers with the best solution to their needs, satisfying every mechanical and functional design requirement. DMC is constantly looking for innovation and development, which translates into high quality machines. Thanks to the combination of advanced technology and customer care in the pre and after sales, DMC has established itself as a competitive company in the Italian and foreign market.

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## Cosmetic Production Auxiliary Equipment



Technical parameters

Model	Tank Capacity	Homogenizer Power (Kw)	Heigh (mm)	Vacuum
<b>DMC-T5</b>	5L	0.18 Kw	Electric	yes
<b>DMC-T2</b>	2L	0.18 Kw	Electric	yes

Technical parameters

Model	Tank Capacity	Homogenizer Power (Kw)	Heigh (mm)	Vacuum
<b>DMC-TL</b>	no tank	2000 ~11000 rpm	no	no



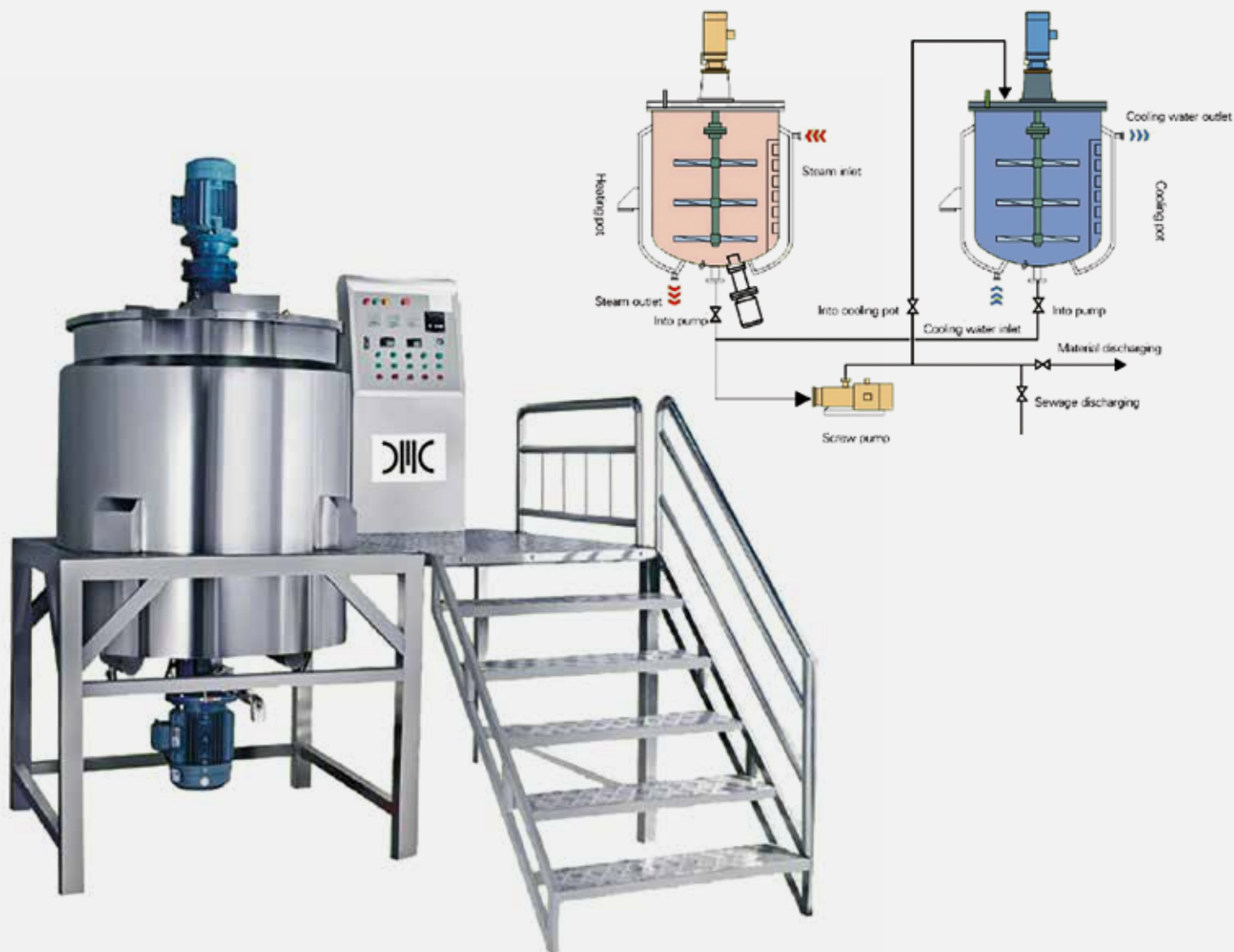
# Vacuum Homogenizer Mixer



## Technical parameters

Model	Capacity (L)	Homogenizer Power (Kw)	Agitator Power (Kw)	Length (mm)	Width (mm)	Max Height (mm)
<b>DMC-T50</b>	50L	2.2 Kw	0.18 Kw	1830	700	2350
<b>DMC-T100</b>	100L	5.5 Kw	1 Kw	2300	850	2700
<b>DMC-T150</b>	150L	5.5 Kw	2 Kw	2300	850	2700
<b>DMC-T200</b>	200L	5.5 Kw	2 Kw	2380	850	3090
<b>DMC-T300</b>	300L	6 Kw	3 Kw	2650	1000	3200
<b>DMC-T500</b>	500L	7.5 Kw	4 Kw	2800	1200	3500
<b>DMC-T1000</b>	1000L	9 Kw	5.5 Kw	3150	1550	4600

## Mixer And Homogenizer Without Vacuum



### Technical parameters

Model	Capacity (L)	Agitator Power (Kw)	Agitator rotation speed	Homogenizer Power (Kw)	Homogenizer rotation speed
<b>DMC-MIX200</b>	200L	1.5 Kw	0 ~ 65 rpm	3 Kw	3000 rpm
<b>DMC-MIX500</b>	500L	2.2 Kw	0 ~ 65 rpm	4 Kw	3000 rpm
<b>DMC-MIX1000</b>	1000L	4 Kw	0 ~ 65 rpm	7.5 Kw	3000 rpm
<b>DMC-MIX1500</b>	1500L	4 Kw	0 ~ 65 rpm	11 Kw	3000 rpm
<b>DMC-MIX2000</b>	2000L	5.5 Kw	0 ~ 65 rpm	11 Kw	3000 rpm
<b>DMC-MIX3000</b>	3000L	7.5 Kw	0 ~ 65 rpm	15 Kw	3000 rpm
<b>DMC-MIX5000</b>	5000L	11 Kw	0 ~ 65 rpm	22 Kw	3000 rpm

## Fixed Vacuum Homogenizer



### Technical parameters

Model	Capacity (L)	Agitator Power (Kw)	Agitator rotation speed	Homogenizer Power (Kw)	Homogenizer rotation speed
<b>DMC-TF200</b>	200L	2.2 Kw	0 ~ 65 rpm	4 Kw	3000 rpm
<b>DMC-TF500</b>	500L	4 Kw	0 ~ 65 rpm	11 Kw	3000 rpm
<b>DMC-TF1000</b>	1000L	4 Kw	0 ~ 65 rpm	11 Kw	3000 rpm
<b>DMC-TF1500</b>	1500L	5.5 Kw	0 ~ 65 rpm	11 Kw	3000 rpm
<b>DMC-TF2000</b>	2000L	7.5 Kw	0 ~ 65 rpm	11 Kw	3000 rpm
<b>DMC-TF3000</b>	3000L	7.5 Kw	0 ~ 65 rpm	15 Kw	3000 rpm
<b>DMC-TF5000</b>	5000L	11 Kw	0 ~ 65 rpm	22 Kw	3000 rpm

## System Homogenizing Mixer



Single way mixing & external circulation



Double way mixing & external circulation



Single way mixing & internal circulation



Double way mixing & internal circulation

## Vacuum Emulsifying Mixer



Single way mixing & external circulation



Double way mixing & external circulation



Single way mixing & internal circulation



Double way mixing & internal circulation





## Storage Tank



Constant temperature tank



Movable open storage tank



Movable heating storage tank



Fixed health standard storage tank (with mixer)



Movable sealed storage tank



Fixed sealed storage tank

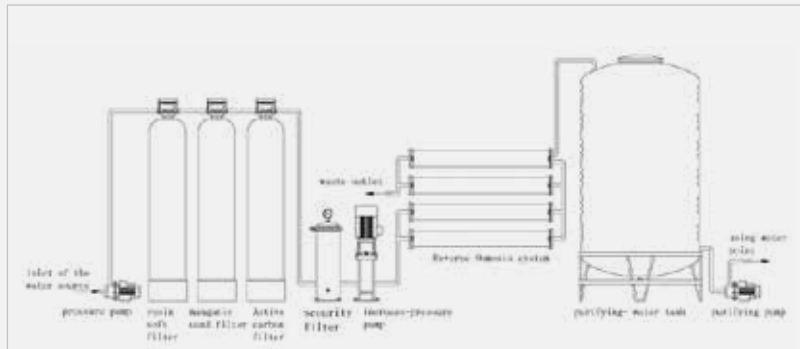
Storage tanks are made in stainless steel. They are equipped with: inlet and outlet mouth, manhole, thermometer, level

indicator, the high and low liquid alarm, fly dustproof, breathing pores, sterile sampling mouth, cip cleaning spray head.

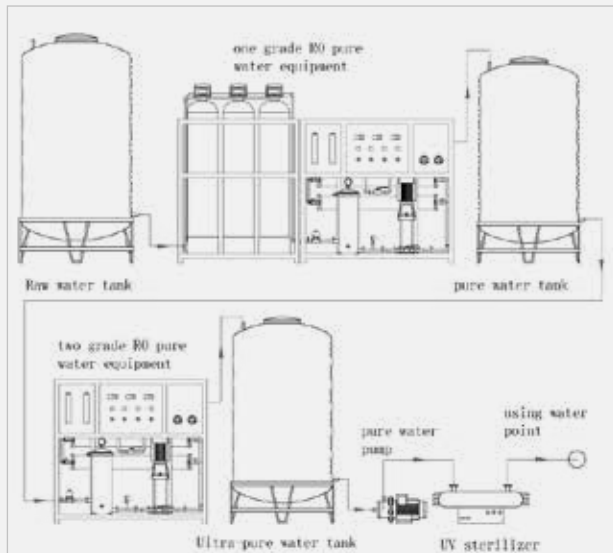
# Reverse Osmosis Water Treatment



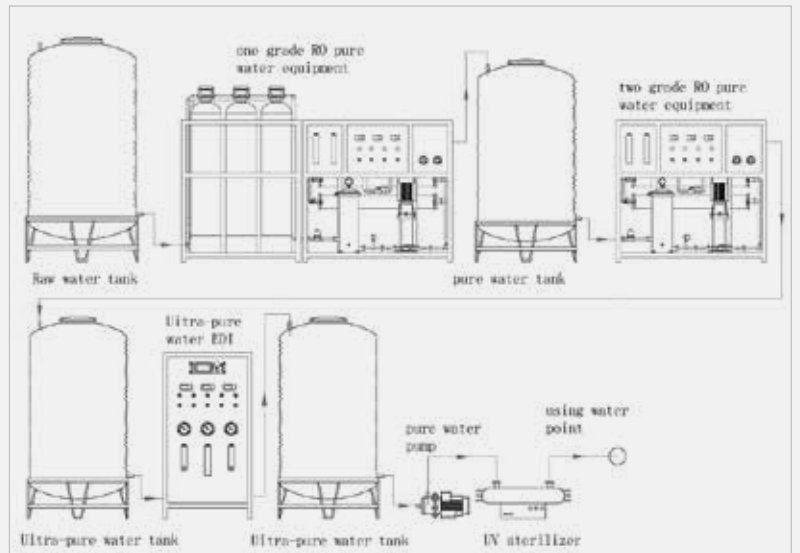
Technological flow chart of water production



Purifying water equipment



Cosmetic using water level



Pharmaceutical using water level

# Reverse Osmosis Water Treatment



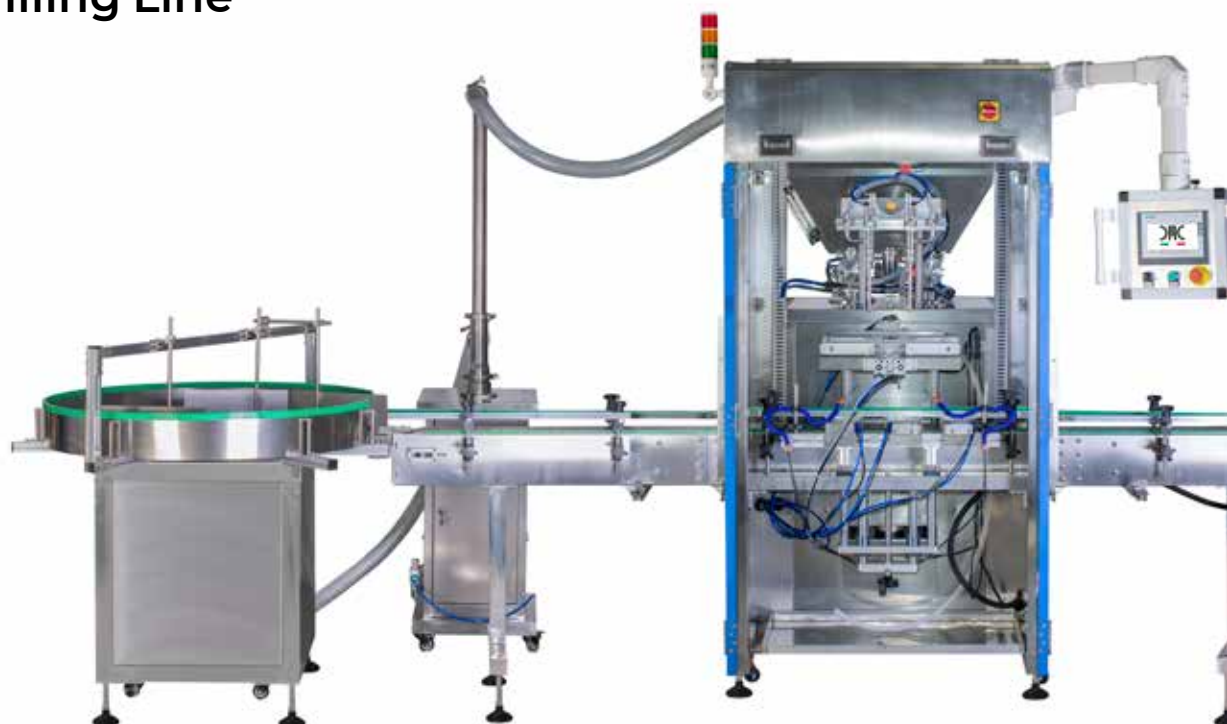
## Reverse osmosis water treatment devices:



## Technical parameters

Model	Capacity (T/H)	Power (Kw)	Recycle rate (%)	First stage pure water conductivity ( $\mu$ S/cm)	Second stage pure water conductivity ( $\mu$ S/cm)	EDI pure water conductivity ( $\mu$ S/cm)	Raw water conductivity ( $\mu$ S/cm)
<b>DMC-RO500</b>	0.5 ton/h	2 Kw	55-75%	$\leq 10$	2-3	$\leq 0.5$	$\leq 300$
<b>DMC-RO1000</b>	1 ton/h	2.2 Kw	55-75%	$\leq 10$	2-3	$\leq 0.5$	$\leq 300$
<b>DMC-RO2000</b>	2 ton/h	4 Kw	55-75%	$\leq 10$	2-3	$\leq 0.5$	$\leq 300$
<b>DMC-RO3000</b>	3 ton/h	5.5 Kw	55-75%	$\leq 10$	2-3	$\leq 0.5$	$\leq 300$
<b>DMC-RO5000</b>	5 ton/h	7.5 Kw	55-75%	$\leq 10$	2-3	$\leq 0.5$	$\leq 300$

## Automatic Filling Line



### Versatility

Suitable to fill small and medium-sized containers up to a volume of about 5L, our filling lines can satisfy most of the filling needs. Each line can be adapted to the needs of our customers, depending on the type of a production (types of products), a planned capacity and space requirements (size and shape of the production hall).

### Technical parameters

Model	Filling head	Filling Accuracy	Air pressure	Output	Filling System	Product	Supply
<b>DMC-FA1H</b>	1	±0.5%	4 - 6 bar	1000 pcs/h	Brushless / lobs pump / peristaltic	Creme, lotion, paste	Air and Electricity
<b>DMC-FA2H</b>	2	±0.5%	4 - 6 bar	2000 pcs/h		Creme, lotion, paste	Air and Electricity
<b>DAM-FA4H</b>	4	±0.5%	4 - 6 bar	4000 pcs/h		Creme, lotion, paste	Air and Electricity
<b>DMC-FA6H</b>	6	±0.5%	4 - 6 bar	6000 pcs/h		Creme, lotion, paste	Air and Electricity
<b>DMC-FA8H</b>	8	±0.5%	4 - 6 bar	8000 pcs/h		Creme, lotion, paste	Air and Electricity
<b>DMC-FA12H</b>	12	±0.5%	4 - 6 bar	12000 pcs/h		Creme, lotion, paste	Air and Electricity

# Automatic Capping Machine



## Technical parameters

Model	Cap type	Cap Diameter	Bottle height	Output	Dimension (LxWxH)	Supply	Automatic Cap Positioning
<b>DMC-C</b>	twist-off caps, pressure caps and lids, pre-threaded caps (such as flip-top and childproof) dispenser, trigger	25-75 mm	70-400 mm	3000 pcs/h	3000 pcs/h	Air and Electricity	In Option

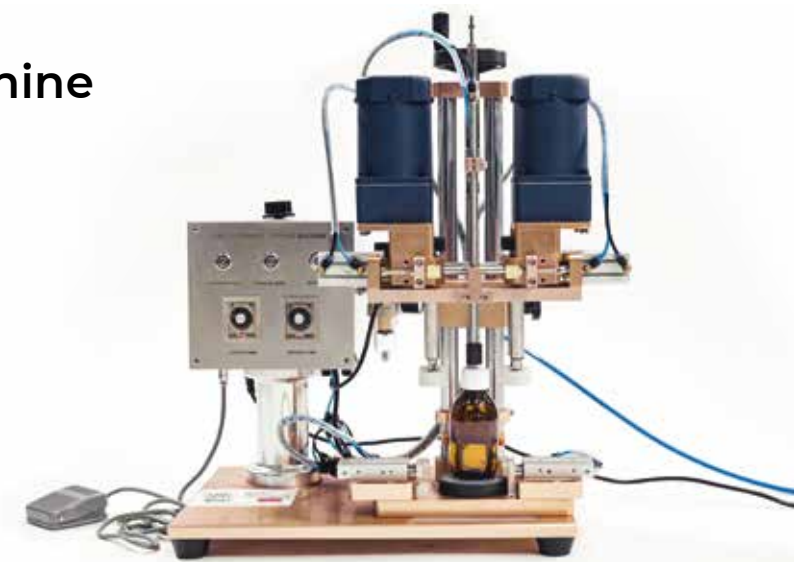
## Peristaltic Filling Machine



Technical parameters

Model	Filling Volume	Filling Precision	Filling system	Supply	Dimension (LxWxH)
<b>DMC-FP</b>	5-1000ml	±0.5%	Peristaltic	Peristaltic pump	450x450x620 mm

## Semi-Automatic Capping Machine



Technical parameters

Model	Cap type	Output	Supply	Dimension (LxWxH)
<b>DMC-CSA</b>	twist-off caps, pressure caps and lids, pre-threaded caps (such as flip-top and childproof) dispenser, trigger	1500 pcs/h	Air and electricity	500x350x660mm

# Volumetric Filling Machine



## Technical parameters

Model	Filling Volume	Filling accuracy	Filling System	Supply	Dimension (LxWxH) cm	Air Pressure	Heating
<b>DMC-FV10</b>	10-100ml	±1%	Volumetric pump	Air	40x40x160	6-8 bar	On request
<b>DMC-FV50</b>	50-500ml	±1%	Volumetric pump	Air	40x40x160	6-8 bar	On request
<b>DMC-FV100</b>	100-1000ml	±1%	Volumetric pump	Air	40x40x160	6-8 bar	On request

## Tube Filling & Sealing Machine



### Technical parameters

Model	Sealing System	Dimension (LxWxH)	Supply	Tube Material	Other Details	Output
<b>DMC-STM</b>	Ultrasonic Sealing	900x650x650 mm	Air and Electricity	Plastic Tube	batch printing, automatic tube orientation	10 pcs/min
<b>DMC-STF</b>	Ultrasonic Sealing	1550x1350x1680 mm	Air and Electricity	Plastic Tube		35-40 pcs/min
<b>DMC-STFA</b>	Hot air	1700x1350x1680 mm	Air and Electricity	Plastic Tube		50 pcs/min



## Sachet Machine



### Liquid Sachet Packaging Machine

Technical parameters

<b>Model</b>	<b>DMC-BS</b>
<b>Filling Volume</b>	5-15ml (can be customized)
<b>Filling Accuracy</b>	±0.5%
<b>Sachet dimension (WxL)</b>	50x90-120mm (can be customized)
<b>Sachet material</b>	PE / aluminium foil / nylon / tea filter paper
<b>Bag type</b>	4 sides sealing (can be customized)
<b>Product</b>	Cream, lotion, paste
<b>Output</b>	30-50 pcs/min
<b>Supply</b>	Air and Electricity
<b>Dimension (LxWxH)</b>	640x760x175mm

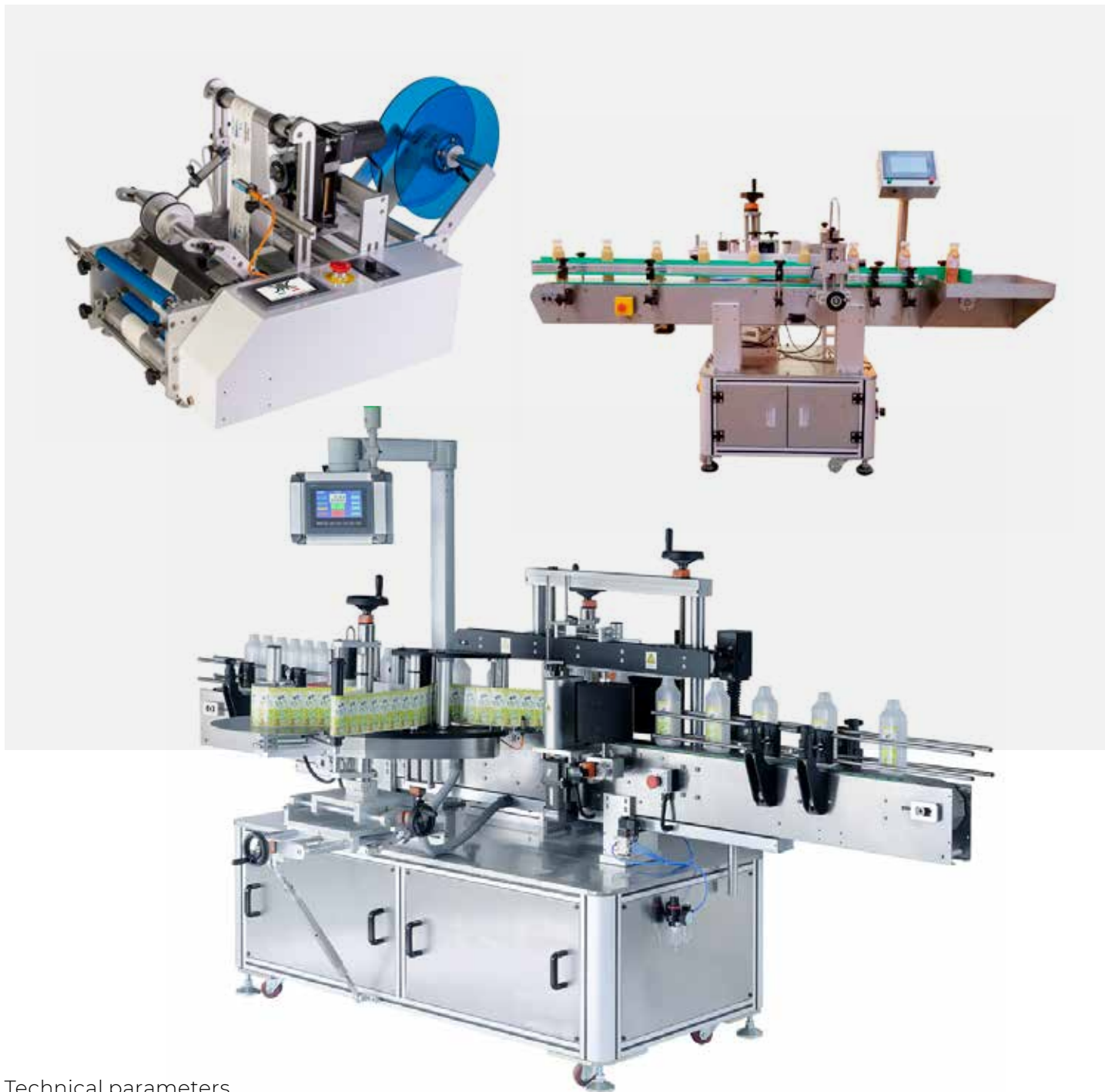


### Powder Sachet Packaging Machine

Technical parameters

<b>Model</b>	<b>DMC-BSP</b>
<b>Filling Volume</b>	5-50gr (can be customized)
<b>Filling Accuracy</b>	±0.5%
<b>Sachet dimension (WxL)</b>	50x90-120mm (can be customized)
<b>Sachet material</b>	PE / aluminium foil / nylon / tea filter paper
<b>Bag type</b>	4 sides sealing (can be customized)
<b>Product</b>	Powder
<b>Output</b>	30-50 pcs/min
<b>Supply</b>	Air and Electricity
<b>Dimension (LxWxH)</b>	750x700x1700mm

# Labeling Machine



## Technical parameters

Model	Output	Bottle Diameter	Label Length	Label Width	Dimension (LxWxH)	Number of Labels	Supply
<b>DMC-LS</b>	15-30 pcs/min	φ 15-150 mm	20-200 mm	20-220 mm	920x470x500 mm	1 or 2 on a round bottle	Air and Electricity
<b>DMC-AL</b>	25-50 pcs/min	25-120 mm	20-290 mm	20-130 mm	920x470x500 mm	1 or 2 on a round bottle	Air and Electricity
<b>DMC-A2L</b>	40-50 pcs/min	60-280 mm	20-300 mm	20-160 mm	3000x1530x1670 mm	1 or 2 on a round or square bottle	Air and Electricity

# Inkjet Printer



## Technical parameters

Model	Character Height	Printing Area	Printing Speed	Printer Head	Printing Material	Dimension (LxWxH)
<b>DMC-IP</b>	1-25 mm	1-4 lines	200 m/min 1305 characters/s	Rotating 360°	Glass, metal, plastic, paper	500x300x650 mm

# Conveyor



# Movable Homogenizer Mixer



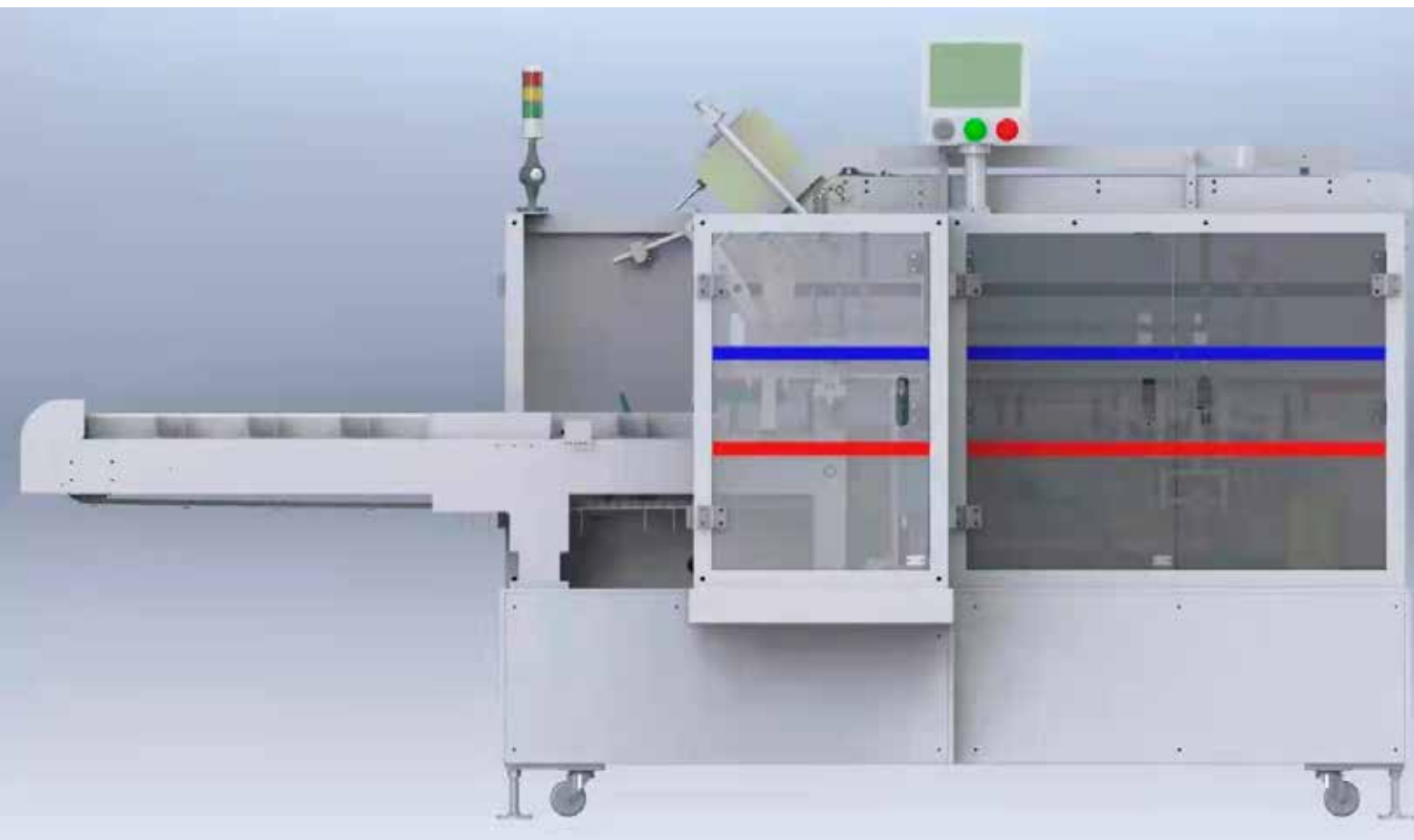
## Diversified homogenizer



## Technical parameters

Model	Lifting	Dimension (LxWxH)	Power	Mixing Head
DMC-PM	Electrical or Pneumatic	1200x1400x3500 mm	5.5 Kw	With Homogenizer or Mixer

## Automatic Cartoning Machine



### Technical parameters

Model	Output	Carton Requirements	Depth of Preformed Folds	Motor	Supply	Dimension (LxWxH)
<b>DMC-AC</b>	70 pcs/min	300-350 g/m <sup>3</sup>	Min 0.4 mm	4 Kw	Air and Electricity	2850x1350x1600 mm



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