



MACHINERY
FOR COSMETIC,
PHARMACEUTICAL
AND FOOD INDUSTRY

di Denis **DMC** *Mancarella*



We make your project come true

APPLICATION SECTORS



↓
COSMETIC

↓
CHEMISTRY

↓
FOOD

CONTAINER SHAPE

-  Cylindrical
-  Square

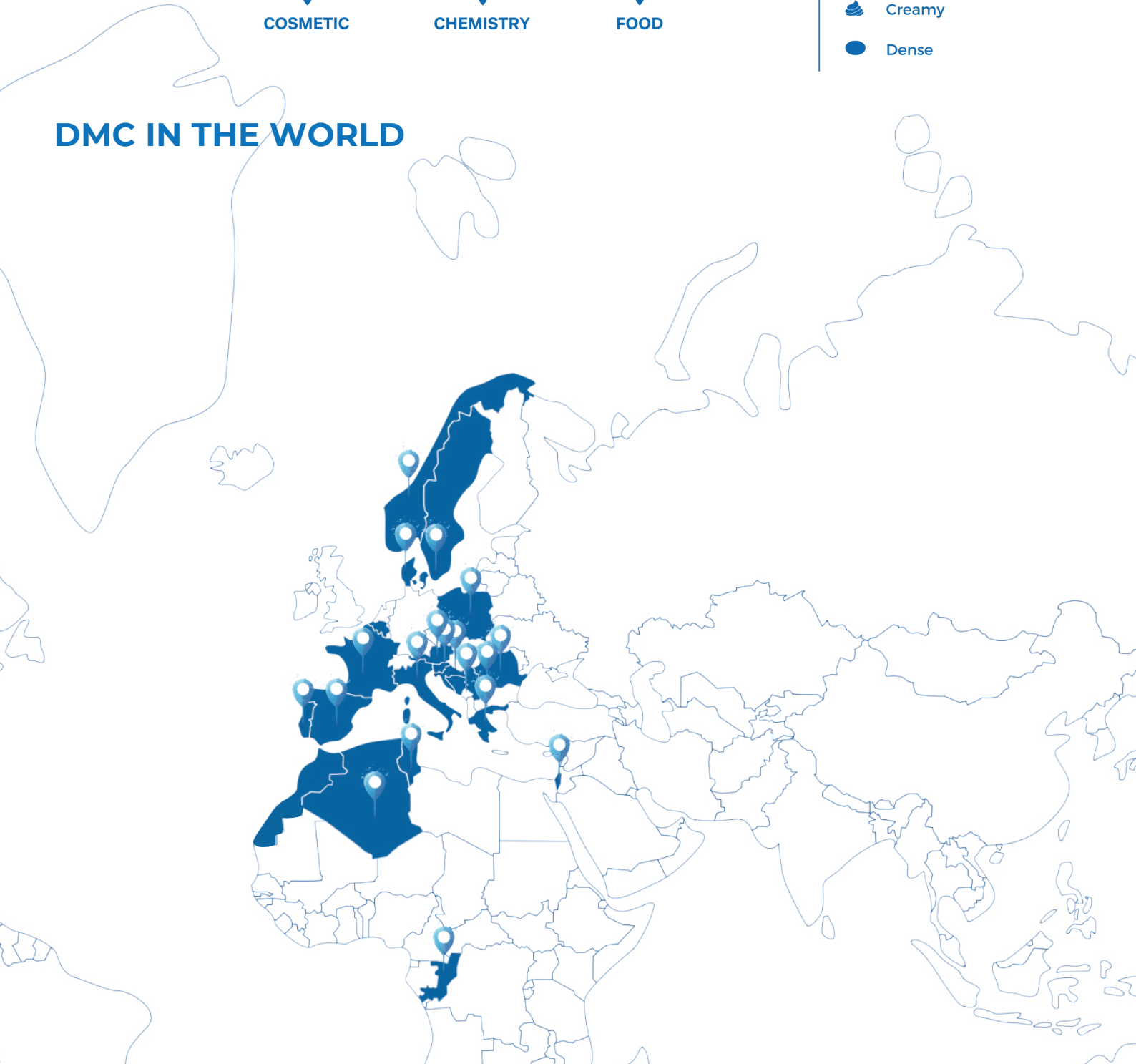
MATERIAL

-  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.

Cosmetic Production Auxiliary Equipment	03
Vacuum Homogenizer Mixer	04
Mixer And Homogenizer Without Vacuum	05
Fixed Vacuum Homogenizer	06
System Homogenizing Mixer	07
Vacuum Emulsifying Mixer	07
Storage Tank	08
Reverse Osmosis Water Treatment	09
Reverse Osmosis Water Treatment	10
Automatic Filling Line	11
Automatic Capping Machine	12
Semi-Automatic Capping Machine	13
Peristaltic Filling Machine	14
Magnetic Filling Machine	14
High Precision Ceramic Pump Dispenser	15
Volumetric Filling Machine	16
Automatic Tube Filling & Sealing Machines	17
Manual Tube Sealing Machine	18
Liquid Sachet Machine	19
Powder Sachet Machine	20
Automatic Labeling Machines	21
Semi Automatic Labeling Machine	22
Mini Labeling Machine	22
Inkjet Printer	23
Conveyor	24
Movable Homogenizer Mixer	25
Semi Automatic Capsule Filler	26
Automatic Capsule Filler	27
Semi Automatic Counting Machine	28
Compact Automatic Blistering Machine	29
Automatic Cartoning Machine	30
Compressor	31
Pallet truck	32

Cosmetic Production Auxiliary Equipment



Watch the
5 L Homogenizer
in action:



Watch the
Lab Mixer
in action:



Technical parameters

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

Technical parameters

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



Vacuum Homogenizer Mixer



Watch the
Turboemulsifier Mixer
in action:



Technical parameters

Model	Capacity (L)	Homogenizer Power (Kw)	Agitator Power (Kw)	Length (mm)	Width (mm)	Max Height (mm)
DMC-T50	50L	2.2 Kw	0.18 Kw	1830	700	2350
DMC-T100	100L	5.5 Kw	1 Kw	2300	850	2700
DMC-T150	150L	5.5 Kw	2 Kw	2300	850	2700
DMC-T200	200L	5.5 Kw	2 Kw	2380	850	3090
DMC-T300	300L	6 Kw	3 Kw	2650	1000	3200
DMC-T500	500L	7.5 Kw	4 Kw	2800	1200	3500
DMC-T1000	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
DMC-MIX200	200L	1.5 Kw	0 ~ 65 rpm	3 Kw	3000 rpm
DMC-MIX500	500L	2.2 Kw	0 ~ 65 rpm	4 Kw	3000 rpm
DMC-MIX1000	1000L	4 Kw	0 ~ 65 rpm	7.5 Kw	3000 rpm
DMC-MIX1500	1500L	4 Kw	0 ~ 65 rpm	11 Kw	3000 rpm
DMC-MIX2000	2000L	5.5 Kw	0 ~ 65 rpm	11 Kw	3000 rpm
DMC-MIX3000	3000L	7.5 Kw	0 ~ 65 rpm	15 Kw	3000 rpm
DMC-MIX5000	5000L	11 Kw	0 ~ 65 rpm	22 Kw	3000 rpm

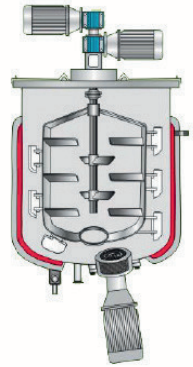
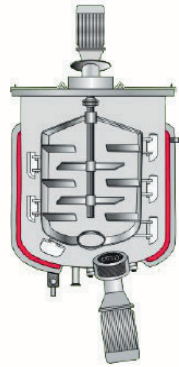
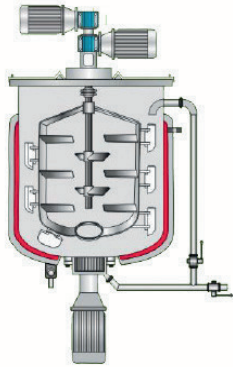
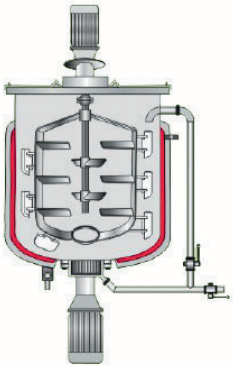
Fixed Vacuum Homogenizer



Technical parameters

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

System Homogenizing Mixer



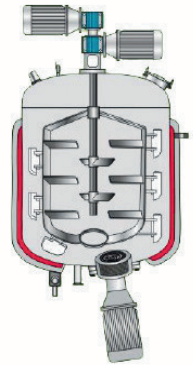
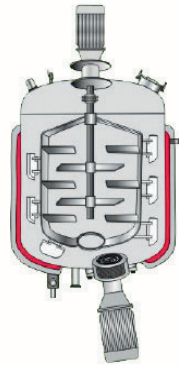
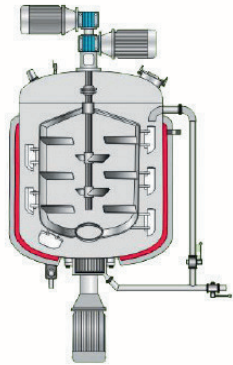
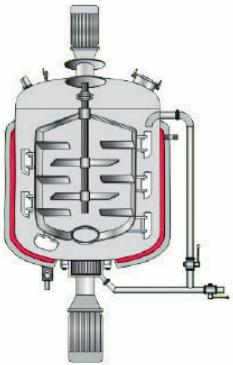
Single way mixing & external circulation

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

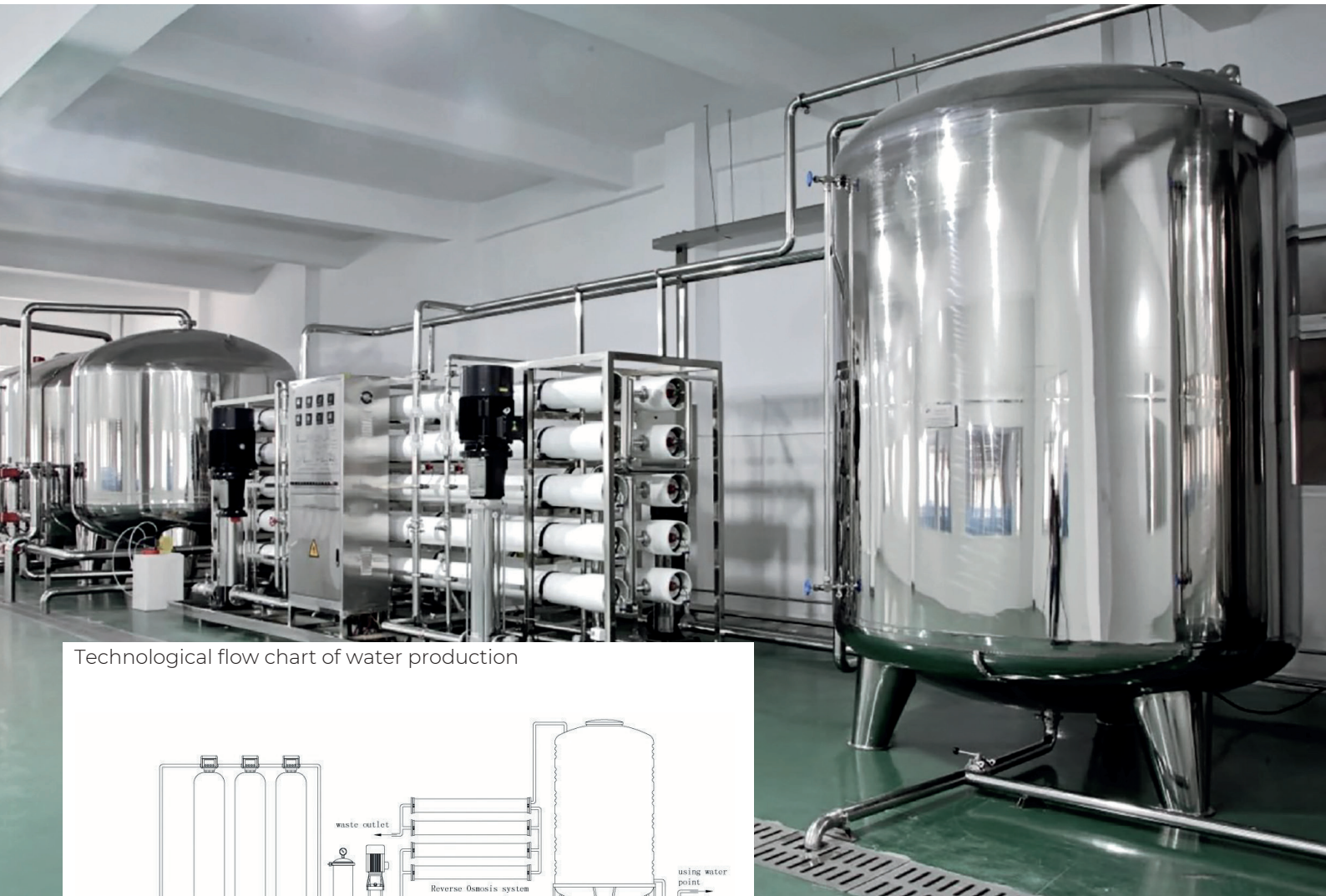


Fixed sealed storage tank

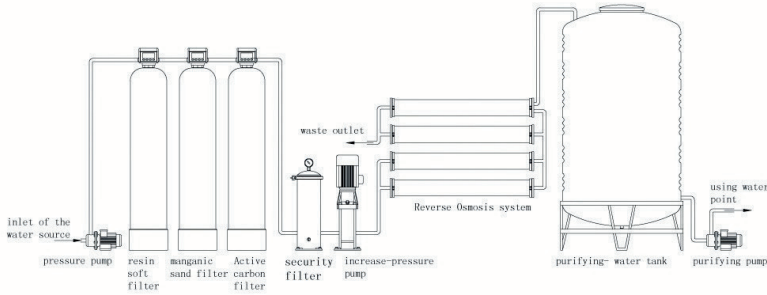
Storage tanks are made in stainless steel. They are equipped with: inlet and outlet mouth, manhole, thermometer, level

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

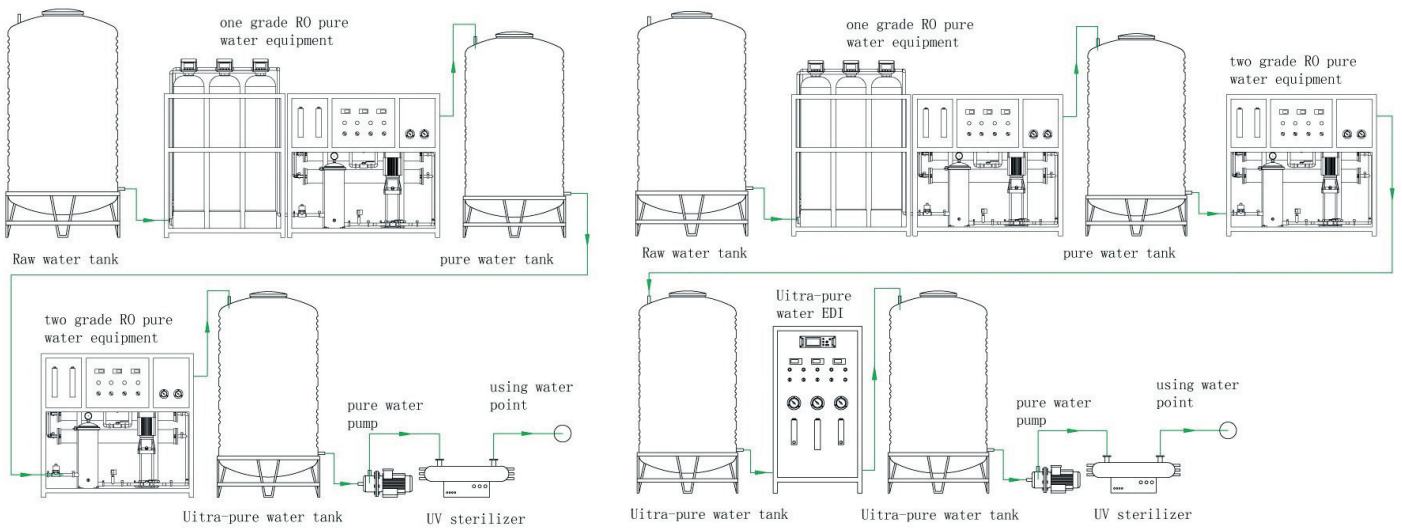
Reverse Osmosis Water Treatment



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:



Mixed bed



EDI



Ozone generator



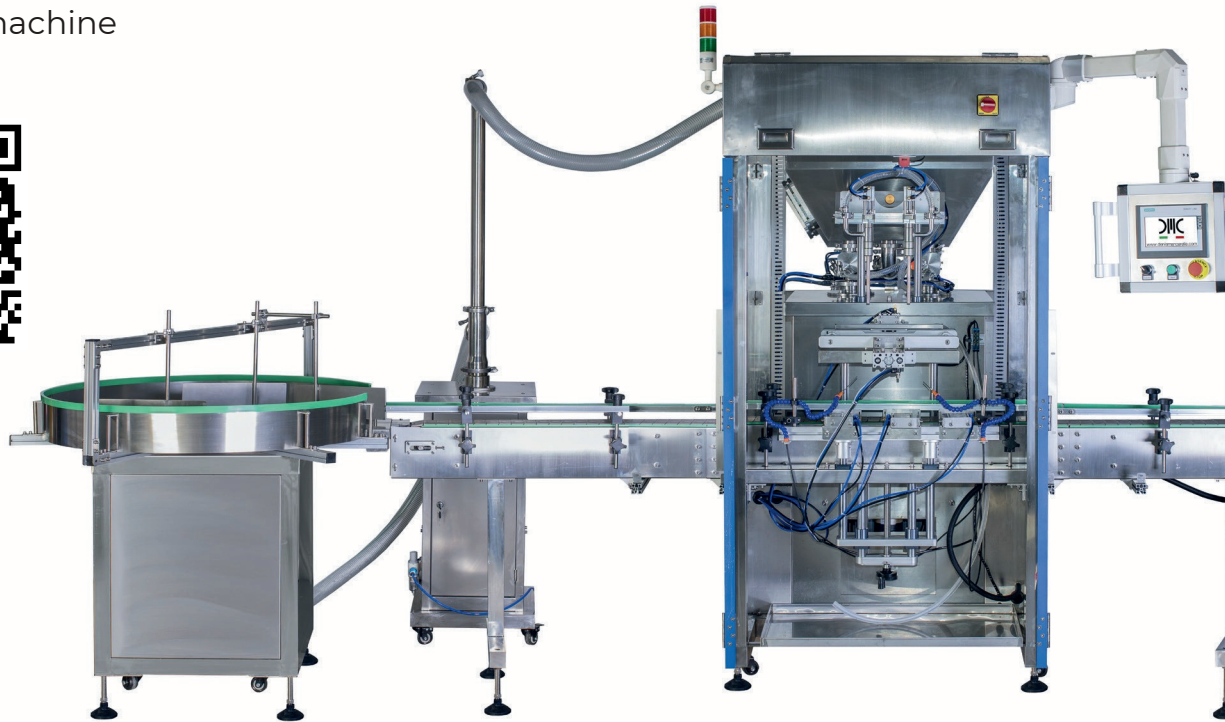
Ultraviolet sterilizer

Technical parameters

Model	Capacity (T/H)	Power (Kw)	Recycle rate (%)	First stage pure water conductivity (μ S/cm)	Second stage pure water conductivity (μ S/cm)	EDI pure water conductivity (μ S/cm)	Raw water conductivity (μ S/cm)
DMC-RO500	0.5 ton/h	2 Kw	55-75%	≤ 102-3	≤ 0.5	≤ 300	
DMC-RO1000	1 ton/h	2.2 Kw	55-75%	≤ 102-3	≤ 0.5	≤ 300	
DMC-RO2000	2 ton/h	4 Kw	55-75%	≤ 102-3	≤ 0.5	≤ 300	
DMC-RO3000	3 ton/h	5.5 Kw	55-75%	≤ 102-3	≤ 0.5	≤ 300	
DMC-RO5000	5 ton/h	7.5 Kw	55-75%	≤ 102-3	≤ 0.5	≤ 300	

Automatic Filling Line

Watch the machine
in action:



Versatility

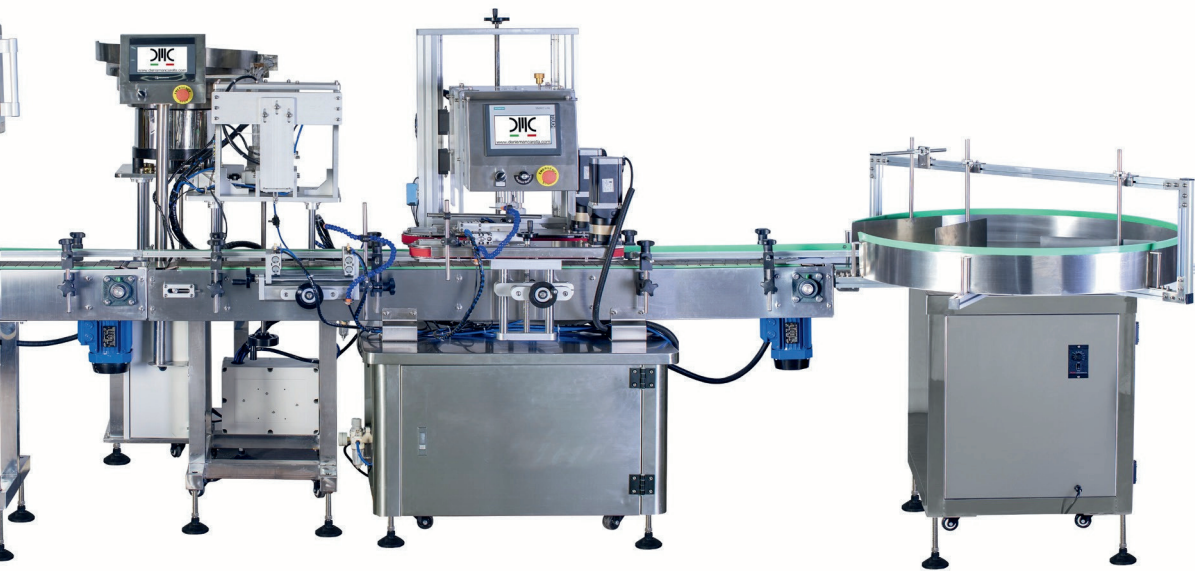
Suitable to fill small and medium-sized containers up to a volume of about 5L, our filling lines can satisfy most of the filling needs. Each line can be adapted to the needs of our customers, depending on the type of a production (types of products), a planned capacity and space requirements (size and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

Technical parameters

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

Automatic Capping Machine

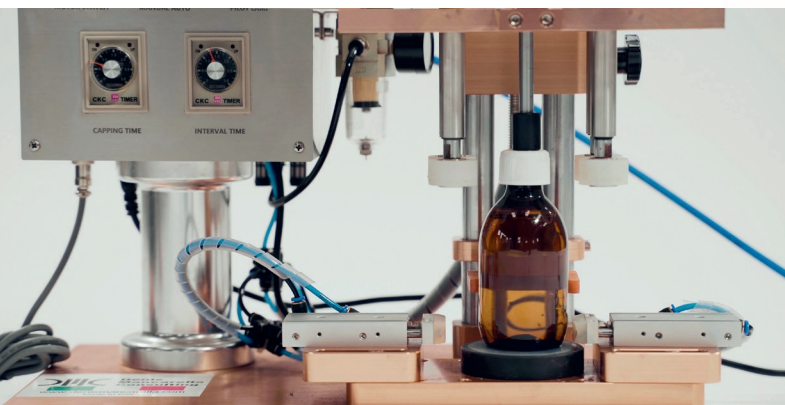
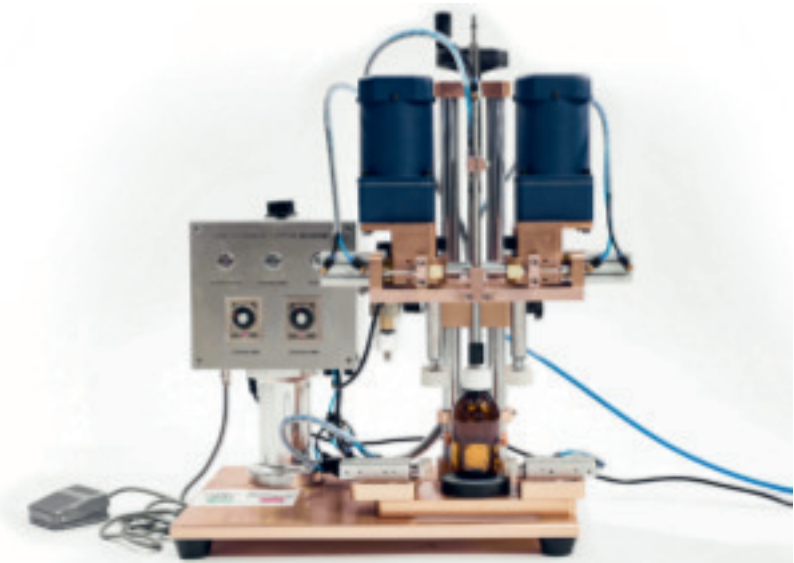
Watch the machine
in action:



Technical parameters

Model	Cap type	Cap Diameter	Bottle height	Output	Dimension (LxWxH)	Supply	Automatic Cap Positioning
DMC-C	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

Semi Automatic Capping Machine



Watch the machine in action



Technical parameters

Model	Cap type	Output	Supply	Dimension (LxWxH)
DMC-CSA	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

Peristaltic Filling Machine

Watch the machine in action:



Technical parameters

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

Magnetic Filling Machine

Watch the machine in action:



Direct loading from storage tank or barrel

Technical parameters

Filling	Size (LxWxH)	Weight	Dosing accuracy
5-5000ml	400mm x 300mm x 400mm	20 Kg	±0.5%

High Precision Ceramic Pump Dispenser



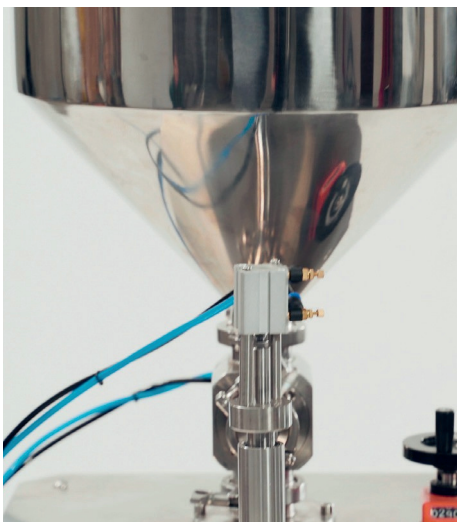
Watch the machine in action:



Technical parameters

Filling	Size	Weight	Power supply	Dosing accuracy
0.3-3ml	400*300*310mm	9 Kg	electric - 220V	±0.5%

Volumetric Filling Machine

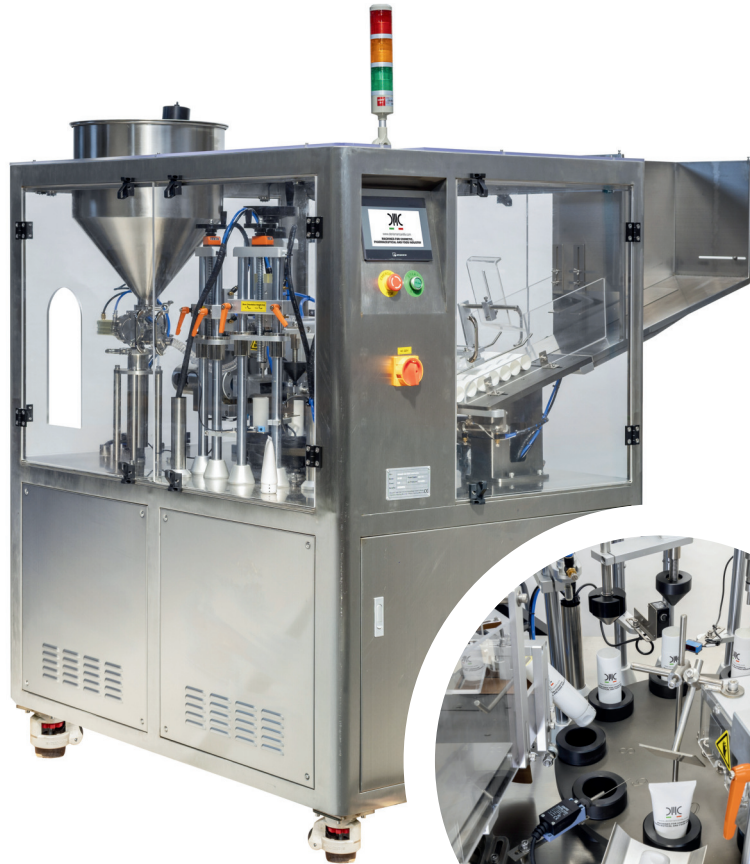


Technical parameters

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

Automatic Tube Filling & Sealing Machines

Watch the
Ultrasounds Automatic Tube
Filling & Sealing Machine
in action:



Watch the
Automatic Tube Filling
& Sealing Machine
with Heating
in action:



Technical parameters

Model	Sealing System	Dimension (LxWxH)	Supply	Tube Material	Output
DMC-STF	Ultrasonic Sealing	1550x1350x1680 mm	Air and Electricity	Plastic Tube	35-40 pcs/min
DMC-STFA	Hot air	1700x1350x1680 mm	Air and Electricity	Plastic Tube	50 pcs/min

Manual Tube Sealing Machine

Watch the machine in action:



Technical parameters

Model	Sealing System	Dimension (LxWxH)	Supply	Tube Material	Other Details	Output
DMC-STM	Ultrasonic Sealing	900x650x650 mm	Air and Electricity	Plastic Tube	batch printing, automatic tube orientation	10 pcs/min

Liquid Sachet Packaging Machine

Watch the machine in action:



Technical parameters

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

Powder Sachet Packaging Machine

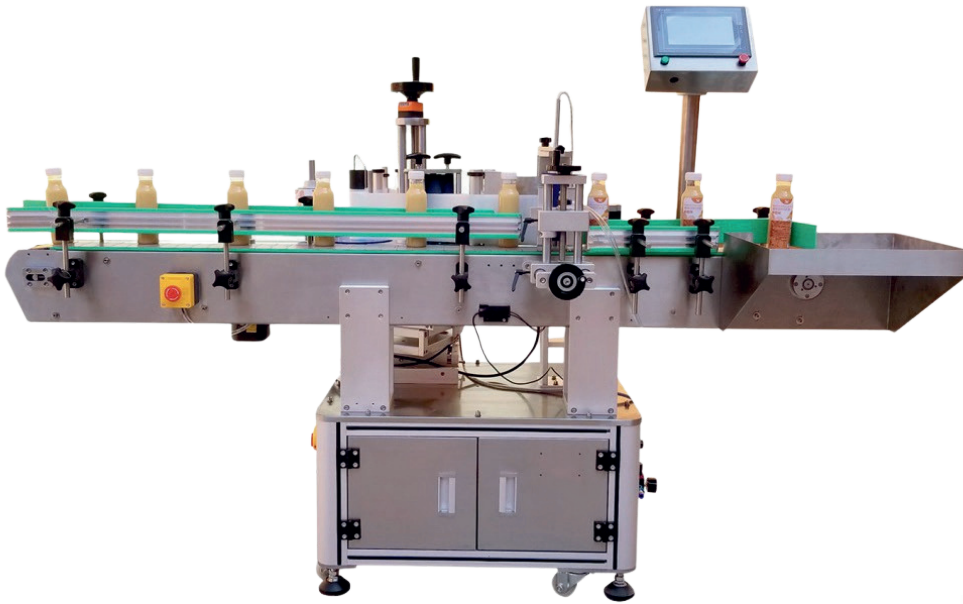
Watch the machine in action:



Technical parameters

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

Automatic Labeling Machines



Automatic labeling machine for round format (1 label) in action:



Automatic labeling machine for round bottles (1 label) and square bottles (2 labels) in action:

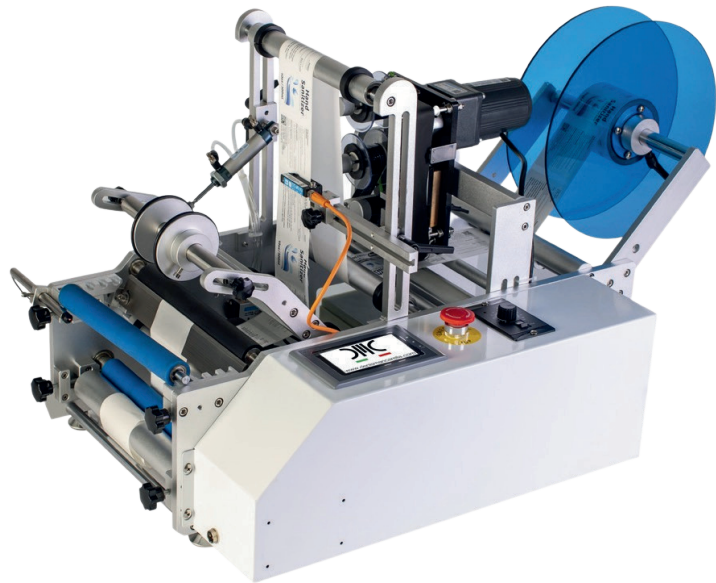


Technical parameters

Model	Output	Bottle Diameter	Label Length	Label Width	Dimension (LxWxH)	Number of Labels	Supply
DMC-AL	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
DMC-A2L	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

Semiautomatic Labeling Machine

Watch the machine in action:



Technical parameters

Model	Output	Bottle Diameter	Label Length	Label Width	Dimension (LxWxH)	Number of Labels	Supply
DMC-LS	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

Mini Labeling Machine



Technical parameters

Model	Output	Bottle Diameter	Label Length	Label Width	Dimension (LxWxH)	Number of Labels	Supply
DMC-AL MINI	20-40 pcs/min	25-100 mm	20-220 mm	20-130 mm	1500x780x650 mm	1 on a round bottle	Air and Electricity

Inkjet Printer



Technical parameters

Model	Character Height	Printing Area	Printing Speed	Printer Head	Printing Material	Dimension (LxWxH)
DMC-IP	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

Semi Automatic Capsule Filler



Technical parameters

Speed: 10,000 pcs / h

Machine equipped with capsule positioning system, capsule division, capsule filling, capsule coupling

Capsule 00: 300 pieces, filling 0.55 gr

Capsule 0: 360 pieces, filling 0.45 gr

Capsules 1 to 3: 420 pieces, filling 0.35 gr

Dosing group with hopper and worm screw, capacity about 12 Kg

Product type: Powders; Powders and Granules on request

Automatic Capsule Filler



- Machine equipped with
- capsule positioning system
 - capsule division
 - capsule filling
 - capsule coupling

Technical parameters

Power	Speed	Weight	Filling accuracy
220V 50/60HZ	200W	30 Kg	100~500

Semiautomatic Counting Machine



It counts pills, tablets and capsules of various shapes and dimensions.

Watch the machine in action:



Technical parameters

Supply	Power	Weight	Output (pieces/min)	Size
220V 50/60HZ	200W	30 Kg	100~500	570X300X660mm

Compact Automatic Blistering Machine

Complete with chiller
One format included
(ALU + ALU or ALU + PVC
to be defined)

Options:
Centering sensor
Extra format ALU + ALU or
ALU + PVC
Pre cut



Technical parameters

Frequency	10-35 times/min 1 blister/time
Output	2400 bilisters/h
Max forming area	70*110*20mm
Standard blister size	80 * 57mm (to be defined)
Air pressure	0.6-0.8Mpa
Power supply	3phase 380V 50HZ
Total power	3.2kw
Machine dimensions	1600*600*1100mm
Weight	385kg

Automatic Cartoning Machine



Technical parameters

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

Compressor

Compressed air system complete with screw compressor, dryer and storage tank.



Technical parameters

Plant Size (LxWxH)	Capacity	Pressure	Power	Noise	Connections
Compressor: 80x60x h 85cm Dryer: 65x43x h 64cm Storage Tank 600L: diameter 80cm x h 200cm	1,2 m ³ / min	6-8 bar	7.5kw	65dB	1 socket 220V 16 A 1 socket 380V

Pallet Truck



Manual pallet truck with polyurethane rollers and 3000 kg capacity with single rollers. The rudder has three controls, up, down and pause.

Technical parameters

Total width	68cm or 53cm
Internal distance between forks	37cm or 21cm
Fork length	114cm
Single fork width	16cm
Total length of pallet truck	159cm
Maximum lifting height	115mm
Capacity	3ton
Rollers diameter	80x70mm
Steering angle	210°
Wheel diameter	200mm
Lifting type	manual
Integrated weighing scale	on request

DMC S.r.l.s.

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We have worldwide sales representatives,
ask us for further info about your area.



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machines in
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