



BELT FILTER PRESS

BELT THICKENER

DRUM THICKENER

POLYMER STATION

BELT SCREEN

PISTON PUMP

PLATE FILTER PRESS

FILTER BAGS

CONVEYORS

O.C.M. srl - Fusignano (Ravenna) Italy - via S. Barbara 135
tel. 0039 054550230 fax: 0039 054551404
www.ocmsrl.com e-mail: info@ocmsrl.com



OCM[®]

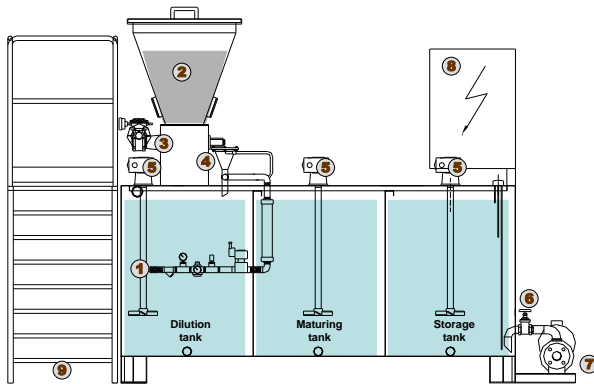


**EQUIPMENTS FOR POWDER POLYMER
DILUTION, CONTINUOUS AND
AUTOMATIC**

SP

DESIGN

- 3 tanks (dilution/maturing/storage) made of AISI 304L stainless steel
- Polymer powder hopper made of AISI 304L stainless steel, max capacity 130 dm³
- Control system of water inlet
- n. 3 stirrers installed in each unit SP
- Automatic/Manual electrical local control panel



OPERATION

- 1 - Inlet of dilution water
- 2 - Polymer powder storage
- 3 - Powder dosing system
- 4 - Mixer Venturi to dissolve the powder
- 5 - Stirrers
- 6 - Outlet of the solution that feeds the screw pump
- 7 - Dosing screw pump of solution
- 8 - Local control panel
- 9 - Stairs with food-pace to fill the hopper

MODELS AND SPECIFICATIONS

Models	Concentration of solutions (range) % DS	Produced solutions (ageing t. 50 min) l/h	Powder dosing system kW	Stirrers (140 rpm at 50 Hz) kW	Dosing screw pump of solution kW	Dilution water (operating pressure 2 bar) l/h
SP 500	0,1 to 0,4	500	0,22	0,37	0,55	500
SP 1000	0,1 to 0,4	1000	0,22	0,37	0,55	1000
SP 1500	0,1 to 0,4	1500	0,22	0,37	0,75	1500
SP 2000	0,1 to 0,4	2000	0,22	0,37	0,75	2000
SP 3000	0,1 to 0,3	3000	0,22	0,55	1,1	3000
SP 4000	0,1 to 0,3	4000	0,22	0,55	1,5	4000
SP 5000	0,1 to 0,3	5000	0,37	0,75	1,5	5000
SP 8000	0,1 to 0,3	8000	0,37	1,1	2,2	8000
SP 10000	0,1 to 0,2	10000	0,37	1,5	2,2	10000

OPTIONS

- Powder dosing unit with control by hand-wheel or inverter
- Stairs with food-pace made of galvanized or stainless steel
- Anti-condensation heater and minimum powder level probe
- Possibility of construction in AISI 304L or AISI 316L stainless steel





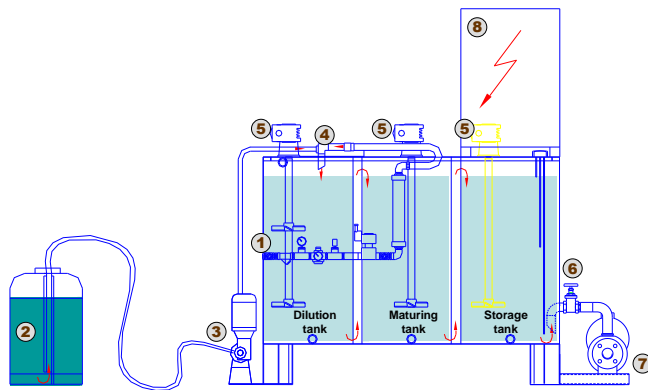
OCM[®]



**EQUIPMENTS FOR LIQUID POLYMER
DILUTION, CONTINUOUS AND
AUTOMATIC
SL**

DESIGN

- 3 tanks (dilution/maturing/storage) made of AISI 304L stainless steel
- Emulsion dosing piston pump
- Control system of water inlet
- n. 2 or 3 stirrers installed in each unit SL
- Automatic/Manual electrical local control panel



OPERATION

- 1 - Inlet of dilution water
- 2 - Polymer liquid (emulsion) storage with minimum level probe
- 3 - Emulsion dosing piston pump
- 4 - Emulsion/Water mixing
- 5 - Stirrers
- 6 - Outlet of the solution that feeds the screw pump
- 7 - Dosing screw pump of solution
- 8 - Local control panel

MODELS AND SPECIFICATIONS

Models	Concentration of solutions (range) % DS	Produced solutions (ageing t. 50 min) l/h	Emulsion dosing piston pump kW	Stirrers (140 rpm at 50 Hz) kW	Dosing screw pump of solution kW	Dilution water (operating pressure 2 bar) l/h
SL 500	0,1 to 0,4	500	0,18	0,37	0,55	500
SL 1000	0,1 to 0,4	1000	0,18	0,37	0,55	1000
SL 1500	0,1 to 0,4	1500	0,25	0,37	0,75	1500
SL 2000	0,1 to 0,4	2000	0,25	0,37	0,75	2000
SL 3000	0,1 to 0,3	3000	0,25	0,55	1,1	3000
SL 4000	0,1 to 0,3	4000	0,25	0,55	1,5	4000
SL 5000	0,1 to 0,3	5000	0,25	0,75	1,5	5000
SL 8000	0,1 to 0,3	8000	0,25	1,1	2,2	8000
SL 10000	0,1 to 0,2	10000	0,25	1,5	2,2	10000

OPTIONS

- Emulsion dosing piston pump with control by hand-wheel or inverter
- Possibility of construction with 2 or 3 stirrers
- Possibility of construction in AISI 304L or AISI 316L stainless steel





OCM[®]

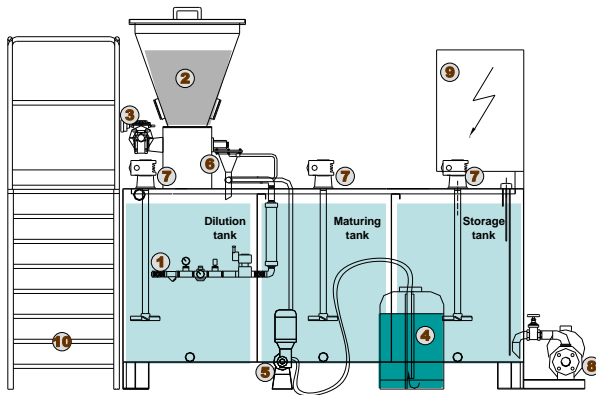


**EQUIPMENTS FOR LIQUID & POWDER
POLYMER DILUTION, CONTINUOUS
AND AUTOMATIC**

SPL

DESIGN

- 3 tanks (dilution/maturing/storage) made of AISI 304L stainless steel
- Polymer powder hopper made of AISI 304L stainless steel, max capacity 130 dm³
- Emulsion dosing piston pump
- n. 3 stirrers installed in each unit SPL
- Automatic/Manual electrical local control panel



OPERATION

- 1 - Inlet of dilution water
- 2 - Polymer powder storage
- 3 - Powder dosing system
- 4 - Polymer liquid (emulsion) storage
- 5 - Emulsion dosing piston pump
- 6 - Powder/Emulsion/Water mixing
- 7 - Stirrers
- 8 - Dosing screw pump of solution
- 9 - Local control panel
- 10 - Stairs with food-pace to fill the hopper

MODELS AND SPECIFICATIONS

Models	Produced solutions (ageing time 50 min)		Powder dosing system kW	Emulsion dosing piston pump kW	Stirrers (140 rpm at 50 Hz) kW	Dosing screw pump of solution kW	Dilution water (operating pressure 2 bar) l/h
	l/h	- % range					
SPL 500	500	- 0,1 to 0,4	0,22	0,18	0,37	0,55	500
SPL 1000	1000	- 0,1 to 0,4	0,22	0,18	0,37	0,55	1000
SPL 1500	1500	- 0,1 to 0,4	0,22	0,25	0,37	0,75	1500
SPL 2000	2000	- 0,1 to 0,4	0,22	0,25	0,37	0,75	2000
SPL 3000	3000	- 0,1 to 0,3	0,22	0,25	0,55	1,1	3000
SPL 4000	4000	- 0,1 to 0,3	0,22	0,25	0,55	1,5	4000
SPL 5000	5000	- 0,1 to 0,3	0,37	0,25	0,75	1,5	5000
SPL 8000	8000	- 0,1 to 0,3	0,37	0,25	1,1	2,2	8000
SPL 10000	10000	- 0,1 to 0,2	0,37	0,25	1,5	2,2	10000

OPTIONS

- Powder dosing unit and/or Emulsion dosing piston pump with control by hand-wheel or inverter
- Stairs with food-pace made of galvanized or stainless steel
- Anti-condensation heater and minimum powder level probe
- Possibility of construction in AISI 304L or AISI 316L stainless steel





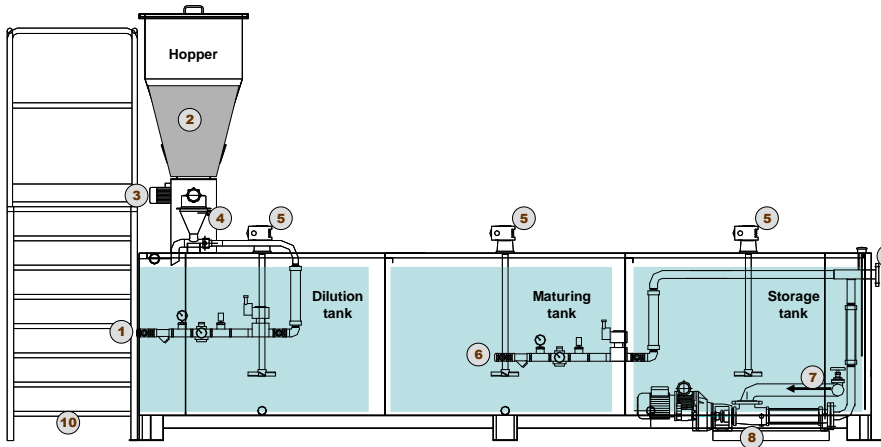
OCM[®]



**EQUIPMENTS FOR POWDER POLYMER
DILUTION & POST-DILUTION,
CONTINUOUS AND AUTOMATIC
SP-PD**

DESIGN

- 3 tanks (dilution/maturing/storage) made of AISI 304L stainless steel
- Polymer powder hopper made of AISI 304L stainless steel, max capacity 130 dm³
- Two control systems of water inlet
- n. 3 stirrers installed in each unit SP-PD
- Automatic/Manual electrical local control panel



OPERATION

- 1 - Inlet of dilution water
- 2 - Polymer powder storage
- 3 - Powder dosing system
- 4 - Mixer Venturi to dissolve the powder
- 5 - Stirrers
- 6 - Inlet of post-dilution water
- 7 - Outlet of the concentrated solution to feeding screw pump
- 8 - Dosing screw pump of concentrated solution
- 9 - Outlet of the diluted solution
- 10 - Stairs with food-pace to fill the hopper

MODELS AND SPECIFICATIONS

Models	Concentrated solution at 0,4% l/h	Diluted solution at 0,1% l/h	Powder dosing system kW	Stirrers (140 rpm at 50 Hz) kW	Concentrated solution dosing pump kW	Dilution water l/h
SP-PD 1000	1000	4000	0,22	0,37	0,55	4000
SP-PD 2000	2000	8000	0,22	0,55	0,75	8000
SP-PD 3000	3000	12000	0,22	0,75	1,1	12000
SP-PD 4000	4000	16000	0,37	1,1	1,5	16000
SP-PD 5000	5000	20000	0,37	1,1	2,2	20000

OPTIONS

- Powder dosing unit with control by hand-wheel or inverter
- Stairs with food-pace made of galvanized or stainless steel
- Anti-condensation heater and minimum level probe
- Possibility of construction in AISI 304L or AISI 316L stainless steel





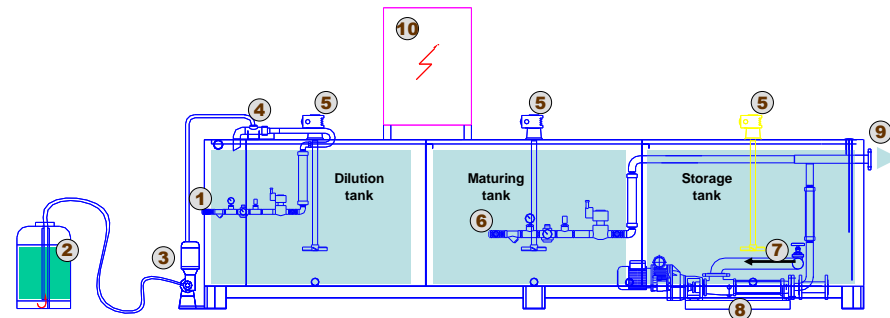
OCM[®]



**EQUIPMENTS FOR LIQUID POLYMER
DILUTION & POST-DILUTION,
CONTINUOUS AND AUTOMATIC
SL-PD**

DESIGN

- 3 tanks (dilution/maturing/storage) made of AISI 304L stainless steel
- Emulsion dosing piston pump
- Two control systems of water inlet
- n. 2 or 3 stirrers installed in each unit SL-PD
- Automatic/Manual electrical local control panel



OPERATION

- 1 - Inlet of dilution water
- 2 - Polymer liquid (emulsion) storage
- 3 - Emulsion dosing piston pump
- 4 - Emulsion/Water mixing
- 5 - Stirrers
- 6 - Inlet of post-dilution water
- 7 - Outlet of the concentrated solution to feeding screw pump
- 8 - Dosing screw pump of concentrated solution
- 9 - Outlet of the diluted solution
- 10 - Local control panel

MODELS AND SPECIFICATIONS

Models	Concentrated solution at 0,4% l/h	Diluted solution at 0,1% l/h	Emulsion dosing piston pump kW	Stirrers (140 rpm at 50 Hz) kW	Concentrated solution dosing pump kW	Dilution water l/h
SL-PD 1000	1000	4000	0,18	0,37	0,55	4000
SL-PD 2000	2000	8000	0,25	0,55	0,75	8000
SL-PD 3000	3000	12000	0,25	0,75	1,1	12000
SL-PD 4000	4000	16000	0,25	1,1	1,5	16000
SL-PD 5000	5000	20000	0,25	1,1	2,2	20000

OPTIONS

- Emulsion dosing piston pump with control by hand-wheel or inverter
- Possibility of construction with 2 or 3 stirrers
- Possibility of construction in AISI 304L or AISI 316L stainless steel





OCM[®]

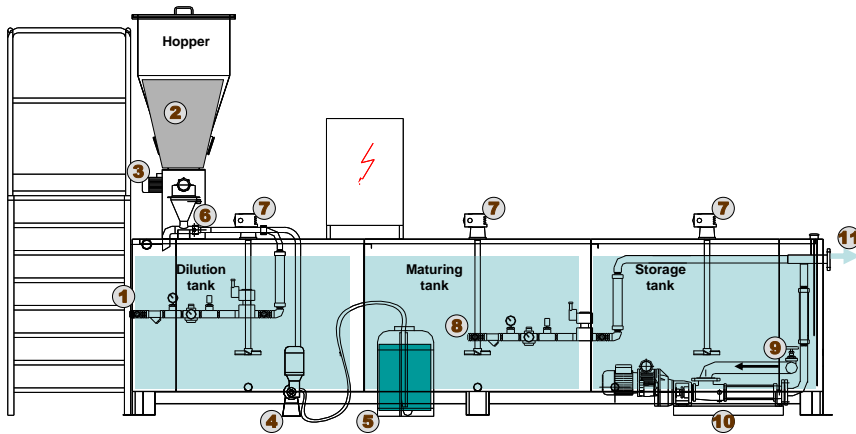
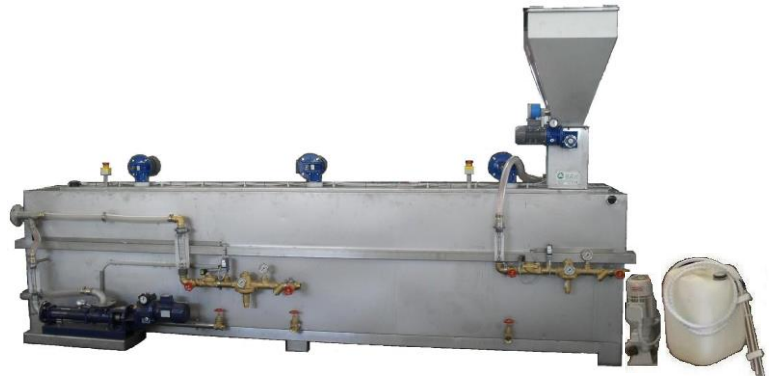


**EQUIPMENTS FOR LIQUID & POWDER
POLYMER DILUTION & POST-DILUTION,
CONTINUOUS AND AUTOMATIC**

SPL-PD

DESIGN

- 3 tanks (dilution/maturing/storage)
- Emulsion dosing piston pump
- Polymer powder hopper made of AISI 304L stainless steel, max capacity 130 dm³
- Two control systems of water inlet
- n. 3 stirrers installed in each unit SPL-PD
- Automatic/Manual electrical local control panel



OPERATION

- 1 - Inlet of dilution water
- 2 - Polymer powder storage
- 3 - Powder dosing system
- 4 - Emulsion dosing piston pump
- 5 - Polymer liquid (emulsion) storage
- 6 - Powder/Emulsion/Water mixing
- 7 - Stirrers
- 8 - Inlet of post-dilution water
- 9 - Outlet of the concentrated solution to feeding screw pump
- 9 - Outlet of the diluted solution
- 10 - Dosing screw pump of concentrated solution
- 11 - Outlet of the diluted solution

MODELS AND SPECIFICATIONS

Models	Concentrated solution at 0,4% l/h	Diluted solution at 0,1% l/h	Powder dosing system kW	Emulsion dosing piston pump kW	Stirrers (140 rpm at 50 Hz) kW	Concentrated solution dosing pump kW	Dilution water l/h
SPL-PD 1000	1000	4000	0,22	0,18	0,37	0,55	4000
SPL-PD 2000	2000	8000	0,22	0,25	0,55	0,75	8000
SPL-PD 3000	3000	12000	0,22	0,25	0,75	1,1	12000
SPL-PD 4000	4000	16000	0,37	0,25	1,1	1,5	16000
SPL-PD 5000	5000	20000	0,37	0,25	1,1	2,2	20000

OPTIONS

- Powder dosing unit and/or Emulsion dosing piston pump with control by hand-wheel or
- Stairs with food-pace made of galvanized or stainless steel
- Anti-condensation heater and minimum level probe
- Possibility of construction in AISI 304L or AISI 316L stainless steel



