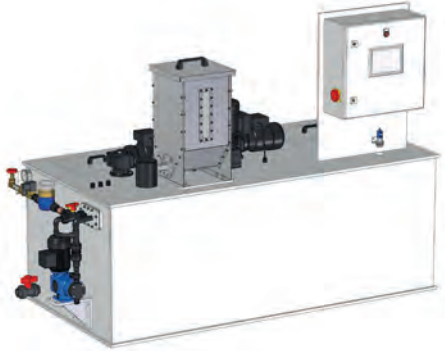


PREPARATION UNIT FOR POLYMERS



OVERVIEW

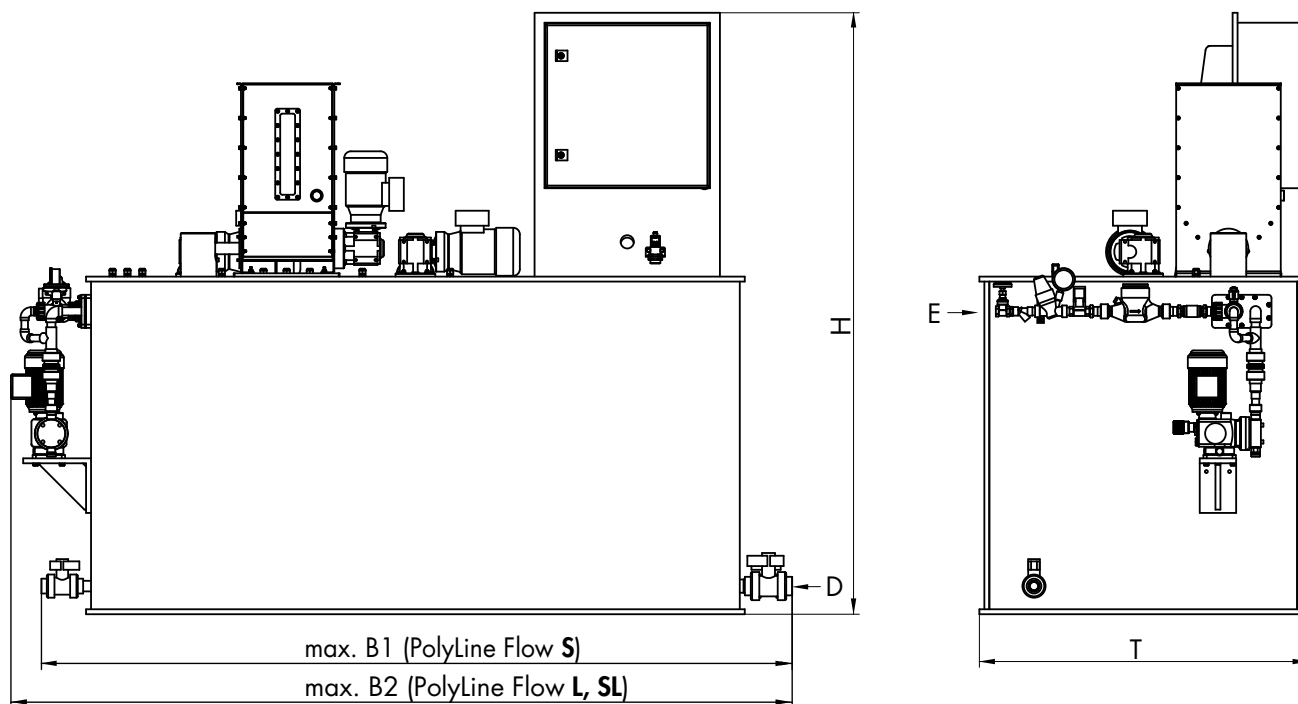
- Fully automatic preparation of organic flocculent aid (pulverized and/or liquid)
- Process logic control (PLC)
- Selectable concentration of prepared solution
- Feeding device
- Dry material feeder with thermal protection zone
- Pump for liquid polymer (option)
- Dissolving water unit
- Electric agitators
- Performance graduation that meets the requirements

TECHNICAL DATA

DEFINITION of the types		
PolyLine ... S	S = solid	for preparation with polymer in powder form
PolyLine ... L	L = liquid	for preparation with liquid polymer
PolyLine ... SL	SL = solid/liquid	for preparation with polymer in powder form and/or liquid polymer

UNIT DATA		PolyLine Flow 500	PolyLine Flow 1000	PolyLine Flow 2000	PolyLine Flow 4000	PolyLine Flow 8000	
Preparation capacity (at 45 min. maturing time)	l/h	500	1.000	2.000	4.000	8.000	
Weight (empty)	kg	S	250	270	300	380	470
		L	230	240	280	360	450
		SL	270	290	340	410	520

ELECTRICAL DATA		PolyLine Flow ... S/L/SL
Supply voltage		~3/400 V /Hz + N + PE
Power consumption	approx. kW	2,0
Control voltage	V DC	24
Enclosure	Control cabinet	IP 54
	electr. consumer	IP 55

DIMENSIONS

	B1	B2	T	H*	D	E
PolyLine® Flow 500	2.240	2.340	990	1.550	DN25	DN15
PolyLine® Flow 1000	2.240	2.340	990	1.550	DN25	DN15
PolyLine® Flow 2000	2.270	2.360	990	1.820	DN32	DN15
PolyLine® Flow 4000	3.310	3.390	1.280	2.110	DN40	DN25
PolyLine® Flow 8000	4.330	4.470	1.570	2.330	DN50	DN25

* depending on the height of the dry material feeder (DMF)

PREPARATION UNIT FOR POLYMERS

BASIC DESIGNS

PolyLine Flow S

3-Chamber tank made of PP
Control (PLC) for fully automatic preparation
Dry material feeder (DMF) with hopper, 25 liters
Feeding device
2x electric agitator (low speed)
Level monitoring
Dissolving water unit
Language on display de/en

Type	Price (EUR)
PolyLine Flow 500 S	▲
PolyLine Flow 1000 S	▲
PolyLine Flow 2000 S	▲
PolyLine Flow 4000 S	▲
PolyLine Flow 8000 S	▲

PolyLine Flow L

3-Chamber tank made of PP
Control (PLC) for fully automatic preparation
Dosing pump for liquid polymer
Feeding device
2x electric agitator (low speed)
Level monitoring
Dissolving water unit
Language on display de/en

Type	Price (EUR)
PolyLine Flow 500 L	▲
PolyLine Flow 1000 L	▲
PolyLine Flow 2000 L	▲
PolyLine Flow 4000 L	▲
PolyLine Flow 8000 L	▲

PolyLine Flow SL

3-Chamber tank made of PP
Control (PLC) for fully automatic preparation
Dry material feeder (DMF) with hopper, 25 liters
Dosing pump for liquid polymer
Feeding device
2x electric agitator (low speed)
Level monitoring
Dissolving water unit
Language on display de/en

Type	Price (EUR)
PolyLine Flow 500 SL	▲
PolyLine Flow 1000 SL	▲
PolyLine Flow 2000 SL	▲
PolyLine Flow 4000 SL	▲
PolyLine Flow 8000 SL	▲

OPTIONS

Option	Type		Price [EUR]
3 rd Agitator	S, L, SL	chamber volume 500 - 2.000 litres	▲
		chamber volume 4.000 - 8.000 litres	▲
Low-level indicator for hopper	S, SL	(for DMF)	▲
Hopper Extension	S, SL	(for DMF) expansion of volume: 25 litres	▲
Hopper extension + High level indicator for hopper	S, SL	(for DMF)	▲
Electric external vibrator	S, SL	(for DMF) 0,045kW, 230V, 50Hz, IP65, ISO-Kl. F	▲
Hopper loader	S, SL	incl. hose package and suction pipe	▲
Overflow	S, L, SL	chamber volume 500 - 2.000 litres	▲
		chamber volume 4.000 litres	▲
Overflow protection	S, L, SL		▲
Operating panel	S, L, SL	TOUCH Display with Touchscreen - de/en	●
		Language other languages possible	⌚
Signal exchange package	S, L, SL		▲
BUS-Connection	S, L, SL	PROFIBUS DP/Slave	▲
		industrial ethernet	▲
Special voltage	S, L, SL	for control and other electrical consumers	⌚

ACCESSORIES

		Price [EUR]	
After-dilution station	Dilution of the preparation in a ratio of 1:10	2...6 m ³ / h	▲
		5...12 m ³ / h	▲
		8...20 m ³ / h	▲

PREPARATION UNIT FOR POLYMERS



OVERVIEW

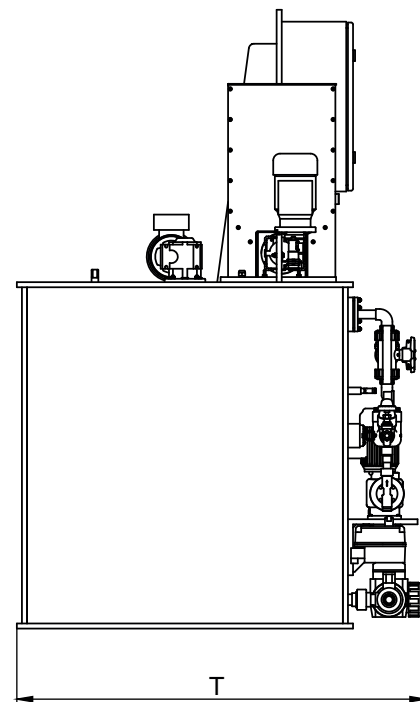
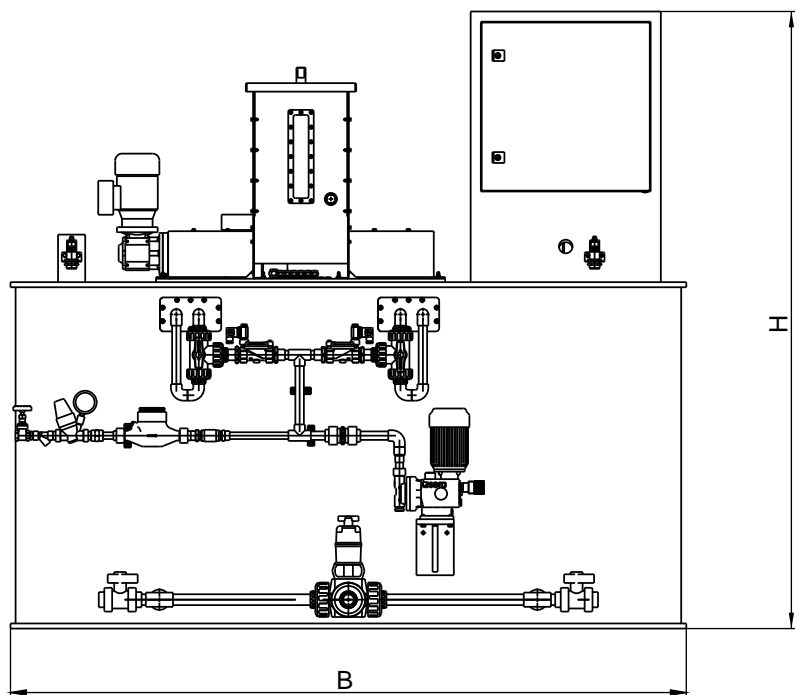
- Fully automatic preparation of organic flocculent aid (pulverized and/or liquid)
- Process logic control (PLC)
- Selectable concentration of prepared solution
- Feeding device
- Dry material feeder with thermal protection zone
- Pump for liquid polymer (option)
- Dissolving water unit
- Electric agitators
- Performance graduation that meets the requirements

TECHNICAL DATA

DEFINITION of the types		
PolyLine ... S	S = solid	for preparation with polymer in powder form
PolyLine ... L	L = liquid	for preparation with liquid polymer
PolyLine ... SL	SL = solid/liquid	for preparation with polymer in powder form and/or liquid polymer

UNIT DATA		PolyLine Swing 500	PolyLine Swing 1000	PolyLine Swing 2000	PolyLine Swing 4000	
Preparation capacity (at 30 min. maturing time)	l/h	500	1.000	2.000	4.000	
Weight (empty)	kg	S	240	240	280	460
		L	230	230	260	440
		SL	260	260	295	480

ELECTRICAL DATA		PolyLine Swing ... S/L/SL
Supply voltage		~3/400 V /Hz + N + PE
Power consumption	approx. kW	2,0
Control voltage	V DC	24
Enclosure	control cabinet	IP 54
	electr. consumer	IP 55

DIMENSIONS

	B	T	H*	D	E
PolyLine® Swing 500	1.990	1.210	1.550	DN25	DN15
PolyLine® Swing 1000	1.990	1.220	1.820	DN32	DN15
PolyLine® Swing 2000	2.990	1.520	2.110	DN40	DN25
PolyLine® Swing 4000	4.000	1.820	2.330	DN50	DN25

* depending on the height of the dry material feeder (DMF)

PREPARATION UNIT FOR POLYMERS

BASIC DESIGNS

PolyLine Swing S

2-Chamber tank made of PP
Control (PLC) for fully automatic preparation
Dry material feeder (DMF) with hopper, 25 liters
Feeding device
2x electric agitator (low speed)
2x Level monitoring
Dissolving water unit
Language on display de/en

Type	Price (EUR)
PolyLine Swing 500 S	🕒
PolyLine Swing 1000 S	🕒
PolyLine Swing 2000 S	🕒
PolyLine Swing 4000 S	🕒

PolyLine Swing L

2-Chamber tank made of PP
Control (PLC) for fully automatic preparation
Dosing pump for liquid polymer
Feeding device
2x electric agitator (low speed)
2x Level monitoring
Dissolving water unit
Language on display de/en

Type	Price (EUR)
PolyLine Swing 500 L	🕒
PolyLine Swing 1000 L	🕒
PolyLine Swing 2000 L	🕒
PolyLine Swing 4000 L	🕒

PolyLine Swing SL

2-Chamber tank made of PP
Control (PLC) for fully automatic preparation
Dry material feeder (DMF) with hopper, 25 liters
Dosing pump for liquid polymer
Feeding device
2x electric agitator (low speed)
2x Level monitoring
Dissolving water unit
Language on display de/en

Type	Price (EUR)
PolyLine Swing 500 SL	🕒
PolyLine Swing 1000 SL	🕒
PolyLine Swing 2000 SL	🕒
PolyLine Swing 4000 SL	🕒

OPTIONS

Option	Type		Price [EUR]
Low-level indicator for hopper	S, SL	(for DMF)	▲
Hopper Extension	S, SL	(for DMF) expansion of volume: 25 litres	▲
Hopper extension + High level indicator for hopper	S, SL	(for DMF)	▲
Electric external vibrator	S, SL	(for DMF) 0,045kW, 230V, 50Hz, IP65, ISO-Kl. F	▲
Hopper loader	S, SL	incl. hose package and suction pipe	▲
Overflow	S, L, SL	chamber volume 500 - 2.000 litres	▲
		chamber volume 4.000 litres	▲
Overflow protection	S, L, SL		▲
Operating panel	S, L, SL	TOUCH Display with Touchscreen - de/en	●
		language other languages possible	⌚
Signal exchange package	S, L, SL		●
BUS-Connection	S, L, SL	PROFIBUS DP/Slave	▲
		Ind. Ethernet	▲
Special voltage	S, L, SL	for control and other electrical consumers	⌚

ACCESSORIES

		Price [EUR]	
After-dilution station	Dilution of the preparation in a ratio of 1:10	2...6 m ³ / h	▲
		5...12 m ³ / h	▲
		8...20 m ³ / h	▲

PREPARATION UNIT FOR POLYMERS



OVERVIEW

- Fully automatic preparation of organic flocculent aid (pulverized and/or liquid)
- Process logic control (PLC)
- Selectable concentration of prepared solution
- Feeding device
- Dry material feeder with thermal protection zone
- Pump for liquid polymer (option)
- Dissolving water unit
- Electric agitator
- Performance graduation that meets the requirements

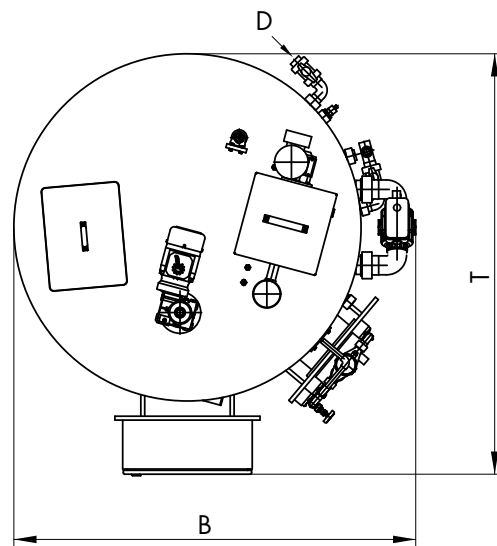
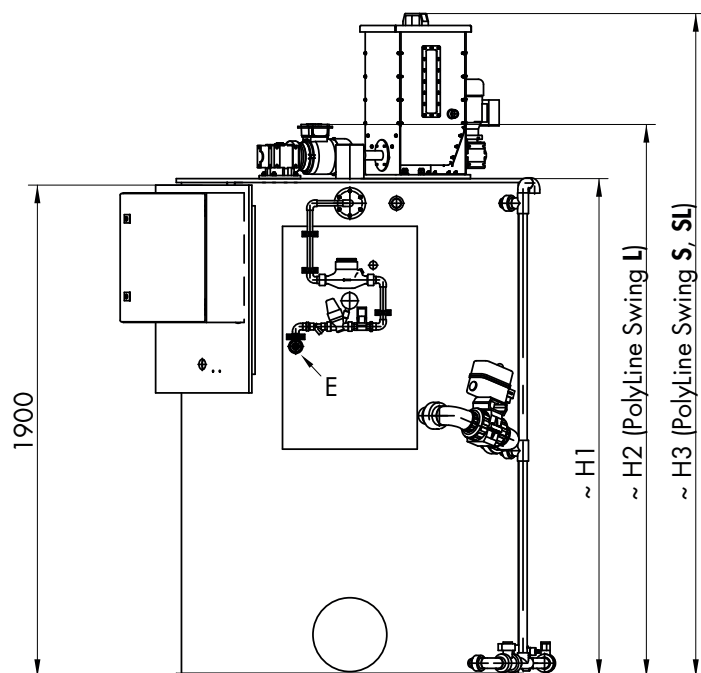
TECHNICAL DATA

DEFINITION of the types		
PolyLine ... S	S = solid	for preparation with polymer in powder form
PolyLine ... L	L = liquid	for preparation with liquid polymer
PolyLine ... SL	SL = solid/liquid	for preparation with polymer in powder form and/or liquid polymer

UNIT DATA		PolyLine Double 500	PolyLine Double 1000	PolyLine Double 2000	
Preparation capacity (at 45 min. maturing time)	l/h	500	1.000	2.000	
Weight (empty)	kg	S	200	240	325
		L	160	200	285
		SL	210	250	335

ELECTRICAL DATA		PolyLine Double ... S/L/SL
Supply voltage		~3/400 V /Hz + N + PE
Power consumption	approx. kW	2,0
Control voltage	V DC	24
Enclosure	control cabinet	IP 54
	electr. consumer	IP 55

DIMENSIONS



	B	T	H1	H2	H3*	D	E
PolyLine® Double 500	1.320	1.420	1.370	1.570	2.000	DN25	DN15
PolyLine® Double 1000	1.560	1.630	1.925	2.140	2.570	DN25	DN15
PolyLine® Double 2000	2.020	2.180	1.900	2.130	2.540	DN32	DN15

* depending on the height of the dry material feeder (DMF)

PREPARATION UNIT FOR POLYMERS

BASIC DESIGNS

PolyLine Double S

2-Chamber tank made of PP
Control (PLC) for fully automatic preparation
Dry material feeder (DMF) with hopper, 25 liters
Feeding device
Electric agitator (low speed)
Level monitoring
Dissolving water unit
Language on display de/en

Type	Price (EUR)
PolyLine Double 500 S	▲
PolyLine Double 1000 S	▲
PolyLine Double 2000 S	▲

PolyLine Double L

2-Chamber tank made of PP
Control (PLC) for fully automatic preparation
Dosing pump for liquid polymer
Feeding device
Electric agitator (low speed)
Level monitoring
Dissolving water unit
Language on display de/en

Type	Price (EUR)
PolyLine Double 500 L	▲
PolyLine Double 1000 L	▲
PolyLine Double 2000 L	▲

PolyLine Double SL

2-Chamber tank made of PP
Control (PLC) for fully automatic preparation
Dry material feeder (DMF) with hopper, 25 liters
Dosing pump for liquid polymer
Feeding device
Electric agitator (low speed)
Level monitoring
Dissolving water unit
Language on display de/en

Type	Price (EUR)
PolyLine Double 500 SL	▲
PolyLine Double 1000 SL	▲
PolyLine Double 2000 SL	▲

OPTIONS

Option	Type		Preis [EUR]
Low-level indicator for hopper	S, SL	(for DMF)	▲
Hopper Extension	S, SL	(for DMF) Erweiterung des Volumens: 25 Liter	▲
Hopper extension + High level indicator for hopper	S, SL	(for DMF)	▲
Electric external vibrator	S, SL	(for DMF) 0,045kW, 230V, 50Hz, IP65, ISO-Kl. F	▲
Hopper loader	S, SL	incl. hose package and suction pipe	▲
Overflow protection	S, L, SL		▲
Operating panel	S, L, SL	TOUCH Display with Touchscreen - de/en	●
		language other languages possible	⌚
Signal exchange package	S, L, SL		●
BUS-Connection	S, L, SL	PROFIBUS DP/Slave	▲
		industrial Ethernet	▲
Special voltage	S, L, SL	for control and other electrical consumers	⌚

ACCESSORIES

		Price [EUR]	
After-dilution station	Dilution of the preparation in a ratio of 1:10	2...6 m ³ / h	▲
		5...12 m ³ / h	▲
		8...20 m ³ / h	▲