



**Paint stripping machines  
Fostrip and Fospuel**

**In addition to its proved agents for chemical paint-stripping, derusting and passivation Foster Chemicals GmbH also sells the corresponding engineering systems in form of so-called spraying machines.**

## **Advantages**

Paint-stripping in our machines is clear faster than in simple dipping basins, because the mechanical processing of the samples by the spraying pressure takes a big effect.

The machine is closed so that the load of the air by steam is avoided.

Only a small floor space is necessary - the machines are very compact.

## **Types of machines**

Depending on operation purpose, we have two types of machines:

**Fostrip-line** for chemical paint-stripping

**Fospuel-line** for rinsing, derusting and passivation

## **Principle**

The paint-stripping agent (derusting/ passivation agent) contained in the reservoir is sucked by a pump over a filter and sprayed by a jet system on the samples. The samples contained in a rotating basket are sprayed by all sides.

The paint-stripping occurs by the chemical effect of the agent supported by the pressure of spraying.

The paint-stripping agent is then filtered and flows back into the reservoir. The medium can be employed in circuit for so long until it is used up.

The paint-stripping time can be controlled as desired by a time switching function. Also the temperature can be defaulted firmly.

All parts of the machines, which are in contact with the paint-stripping agent, are produced in stainless steel (1.4301), and the seals are resistant against the inserted chemicals.

## Technical data

<b>Fostrip-line</b>		<b>910</b>	<b>1150</b>	<b>1400</b>
basket diameter	mm	910	1150	1400
maximum basket capacity	kg	200	350	550
efficient height (inside)	mm	500	700	900
reservoir capacity	ltr	170	260	340
washing temperature	°C	0 - 120	0 - 120	0 - 120
spraying pressure	bar	6.0	6.0	6.0
circulating power of the pump	m <sup>3</sup> /h	8	7	14
basket rotation speed	rpm	5	5	7
three phase alternating current - voltage	V	400	400	400
frequency	Hz	50	50	50
electric connecting value (total)	kW	13.0	21.0	22.5
total width	mm	1300	1550	1950
total depth	mm	1350	1800	2000
total height (opened)	mm	1890	2140	2100
total weight of the machine	kg	150	250	380

<b>Fospuel-line</b>		<b>910</b>	<b>1150</b>	<b>1400</b>
basket diameter	mm	910	1150	1400
maximum basket capacity	kg	200	350	550
efficient height (inside)	mm	500	700	900
reservoir capacity	ltr	170	260	340
washing temperature	°C	0 - 75	0 - 75	0 - 75
spraying pressure	bar	3.0	3.0	3.0
circulating power of the pump	m <sup>3</sup> /h	8	15.6	14
basket rotation speed	rpm	5	5	7
three phase alternating current - voltage	V	400	400	400
frequency	Hz	50	50	50
electric connecting value (total)	kW	7.1	12.2	14.2
total width	mm	1100	1450	1700
total depth	mm	1200	1450	1720
total height (opened)	mm	1890	2140	2100
total weight of the machine	kg	150	250	380

## Our motto is customers service in all fields ...

In addition to the customer-specific development of new paint-stripping agents and modern analytic the process simulation of paint-stripping is also included in a pilot machine. This machine is in our technical school, where you can visit this and also can carry out experiments.

In total we have the possibility on more than 1000 m<sup>2</sup> to carry out lab experiments and in the bigger measure technical school experiments. After successful development the products are produced and recycled in our factory.



Research laboratory



Process simulation



modern analytic



Pilot machine for paint-stripping



Recycling machine for  
paint-stripping agents  
on organic basis

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