



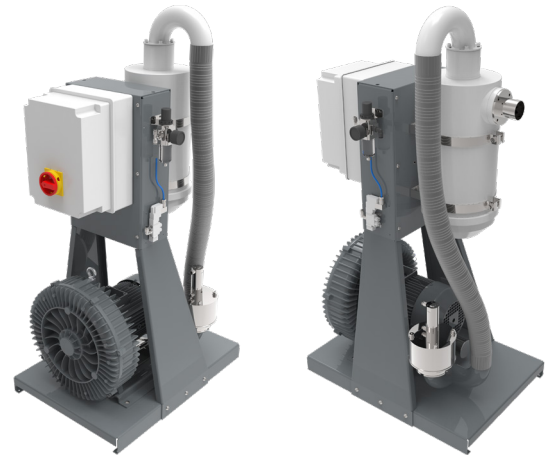
# SYLINK

## Centralized Vacuum Loading System

**SYLINK** is a centralized material conveying system that can be linked and managed from any of SYNCRO's dosing systems. **SYLINK** is modular and compatible with any side channel blowers types E.g. Single-stage, double-stage, or triple-stage and available with either manual or automatic filtering systems and Syncro's SYLOAD hopper loaders.

### PRINCIPLE OF OPERATION

The blower is connected to the SYLOAD hopper loaders through a vacuum ring which performs the material conveying.



### MAIN FEATURES

#### INTEGRATED CONTROL

Sylink can be controlled by the SYNCRO dosing unit HMI panel.

#### MAINTENANCE FREE MOTOR

Sylink uses a side channels pump which is not requiring any maintenance.

#### EASY INSTALLATION

Sylink can easily be installed on existing Blown Film Lines replacing old vacuum units.

#### BY-PASS VALVE

Sylink has a bypass valve which prevent frequent pump starts and stops, extending the pump life cycle and reducing energy consumption.

#### AUTO FILTER

As option, Sylink can be supplied with self-cleaning Polyester cartridge filter and air pulse cleaning jet.

#### HT VERSION

Sylink is available in HT version in order to manage hot polymers up to 180 °C via a water heat exchanger installed on the unit.

#### SIZES & PERFORMANCES

Sylink is available in various sizes:

2,2 Kw - 3 Kw single stages, ideal for material conveying for small travel distances and short vertical distances.

5,5 Kw - 11 Kw double Stages, ideal for material conveying for medium travel distances and high vertical distances.

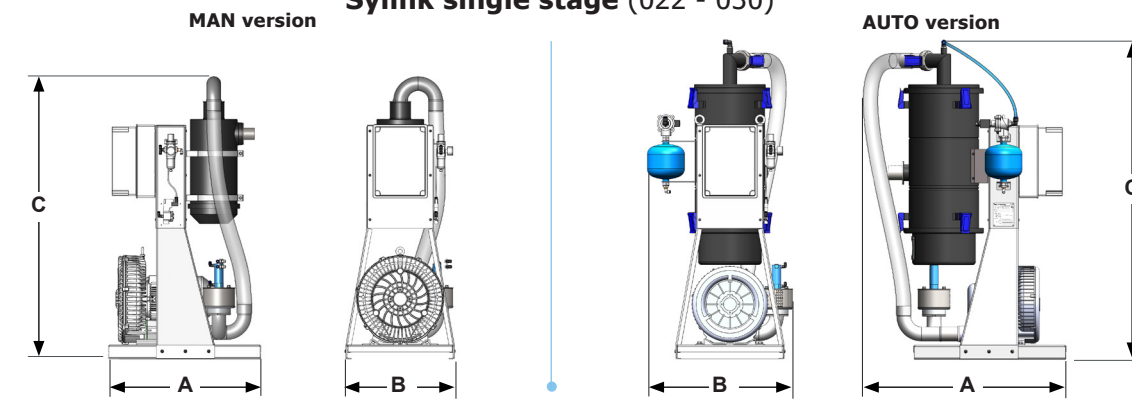
11 Kw triple Stages, ideal for material conveying for long travel distances and high vertical distances.

#### MICRO PLC

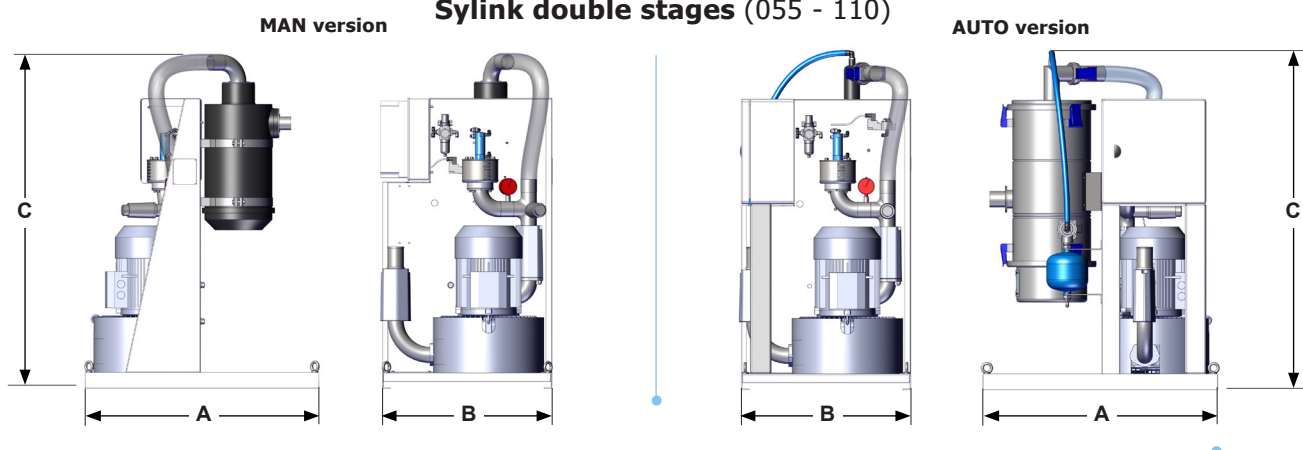
When not connected to a SYNCRO dosing unit SYLINK can be supplied with a micro PLC for control.

## TECHNICAL DATA

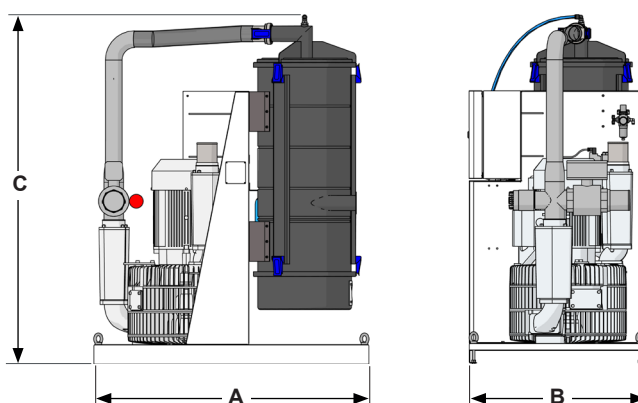
### Sylink single stage (022 - 030)



### Sylink double stages (055 - 110)



### Sylink triple stages (110)



Model	Filter type	Power kW (50Hz)	Blower stage	Noisiness db 50Hz/60Hz	Bypass valve	Filter (m <sup>2</sup> )	A (mm)	B (mm)	C (mm)	Weight (kg)
SYlink 022-M	MAN	2,2	1	64/70	no	8	670	525	1210	65
	AUTO					4	770	630	1370	85
SYlink 030-M	MAN	3	1	69/72	si	8	670	525	1210	75
	AUTO					4	770	630	1370	100
SYlink 055-B	MAN	5,5	2	73/76	si	10	900	660	1300	150
	AUTO					4	900	660	1300	180
SYlink 110-B	MAN	11	2	74/78	si	12	1100	1000	1390	300
	AUTO					8	1100	1000	1440	320
SYlink 110-T	AUTO	11	3	72	si	10	1255	810	1590	350