viscotec
foodgrade without compromise

viscoSTAR

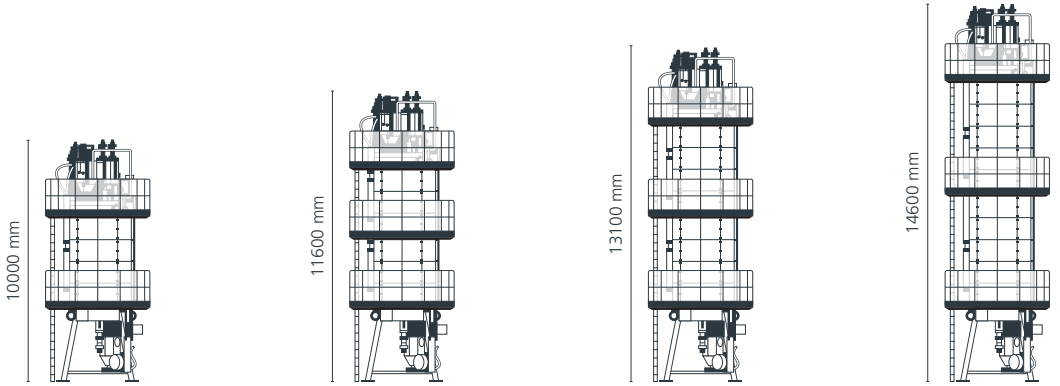
SOLID STATE POLYCONDENSATION PLANT FOR iV INCREASE AND DECONTAMINATION OF POLYESTER PELLETS AND/OR FLAKES TO BE USED AFTER A PELLETIZING EXTRUDER, STAND ALONE, OR IN FRONT OF A PRODUCTION EXTRUDER

Benefits

- Fast iV increase
- Consistent and adjustable iV
- Decontamination time
- Continuous output
- Superior color values
- AA values

Starlinger

viscoSTAR facts

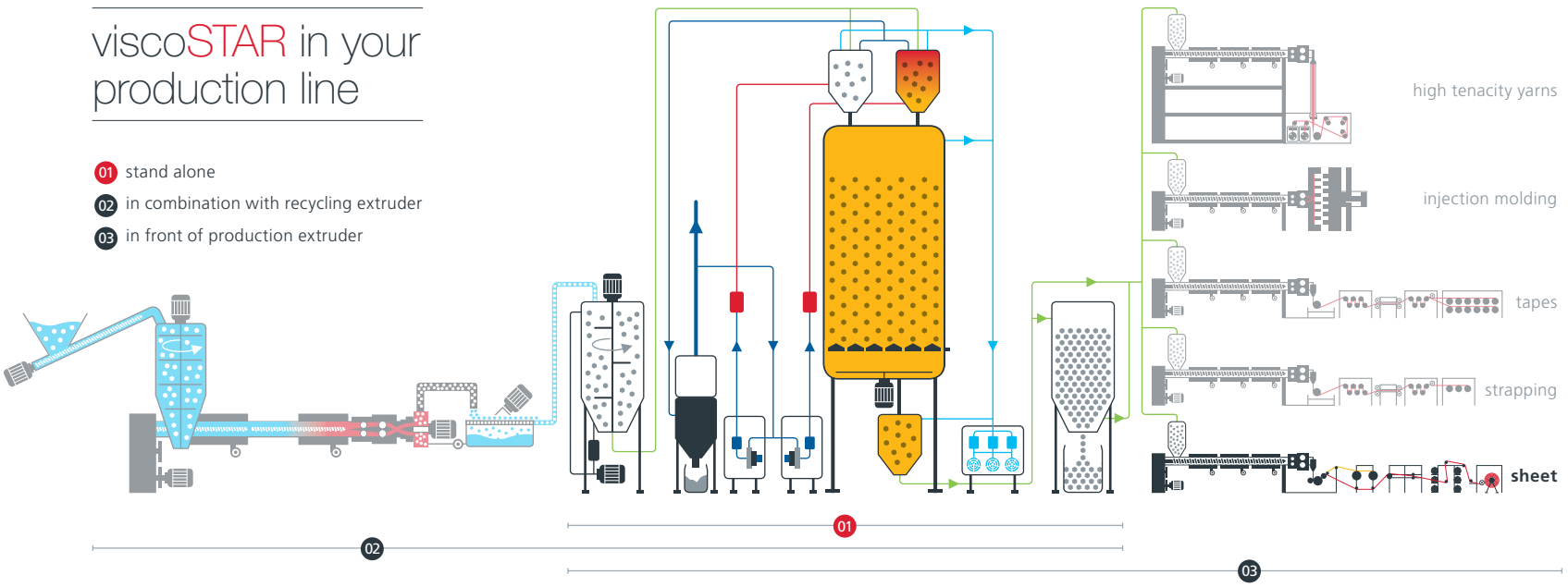


Main data		75	120	150	180
Max. output with pellets[1]	[kg/h]*	800	1200	1800	2000
Max. output with flakes[2]	[kg/h]*	800	1200	1800	2000
Net volume of reactor	[m³]	7.0	10.7	14.2	17.2
Installed power	[kVA]*	306	327	476	510
Energy consumption	[kWh/kg]*	0.12–0.25	0.12–0.25	0.12–0.25	0.12–0.25
iV increase pellets/flakes	[dl/g/h]*	0.01–0.04	0.01–0.04	0.01–0.04	0.01–0.04
Food grade according to		EFSA, FDA	EFSA, FDA	EFSA, FDA	EFSA, FDA

1) 6 h residence time 2) 3 h residence time

viscoSTAR in your production line

01 stand alone
02 in combination with recycling extruder
03 in front of production extruder



* Above table represents general technical data and average values, which depend on chemical composition, contamination, pelletizing, etc. of the pellets/flakes. Guaranteed values only after trial with customer material. The calculated electrical power rate refers only to the reactor and periphery of the reactor and depends on the output rate.

We reserve the right of technical modifications.

viscotec
foodgrade without compromise

Starlinger & Co. Gesellschaft m.b.H.
A member of Starlinger Group

Austria
4113 St. Martin im Mühlkreis
Adsdorf 38
N 48° 25' 60'' | E 14° 2' 33''

T: +43 7232 38170
E: viscotec.sales@starlinger.com
www.viscotec.at
www.starlinger.com

Starlinger