

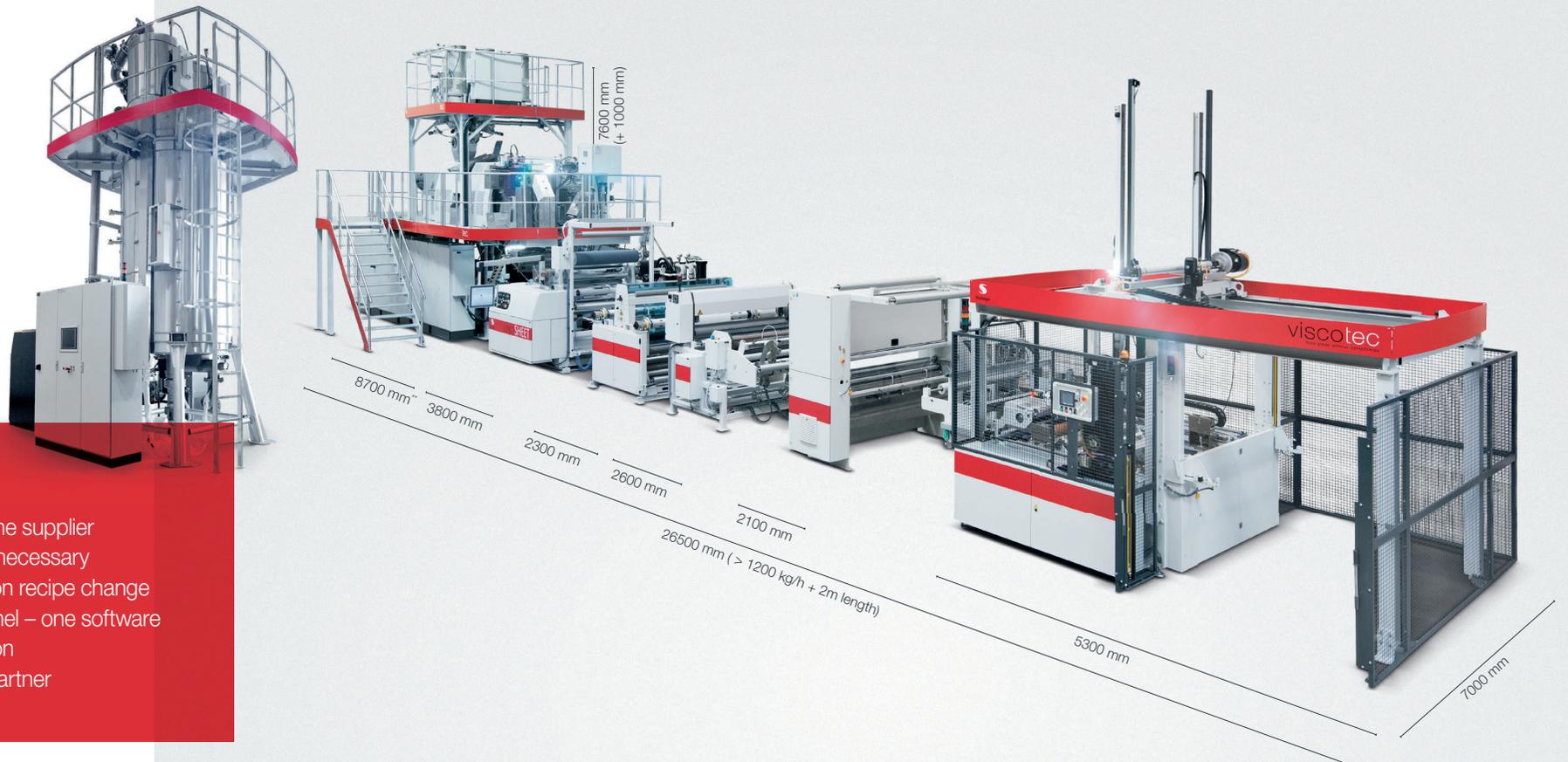
viscoSHEET

Quality and flexibility without compromise. Up to 100 % rPET, inhouse flakes and pellets processable at guaranteed IV levels for direct food contact.

viscotec
foodgrade without compromise

BENEFITS

- Entire solution – one supplier
- No virgin material necessary
- Immediate effect on recipe change
- Master control panel – one software
- autoSTART function
- viscotec as your partner



viscoSHEET

viscoSHEET ensures outstanding flexibility in production with lowest energy consumption. Up to 100% rPET, inhouse flakes and pellets can be processed at guaranteed iV levels.

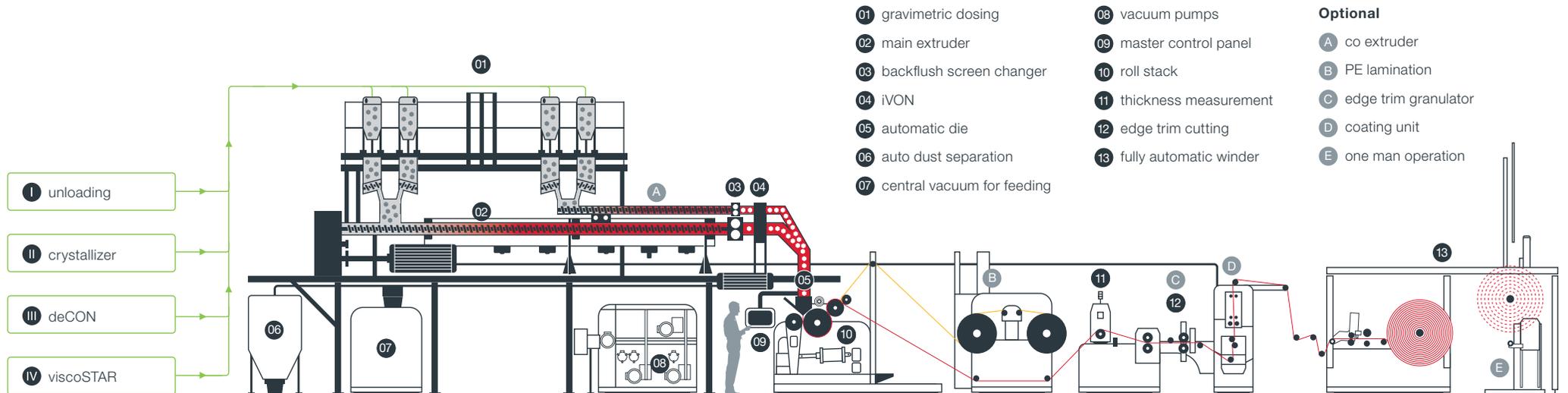
The continuous loss-in-weight gravimetric dosing guarantees immediate and flexible recipe changes during production. Our balanced way of extrusion and intelligent calendaring are the key for superior optical appearance and mechanical properties. Perfect interaction between modules results in a unique entire solution for outstanding product variety.

Modular plant concept

The modular plant concept offers a customized and flexible configuration for any type of application.

Highly automated

viscoSHEET installations are highly automated and provide highest usability of the extrusion line with unique features. This results in a maximum of efficiency in production. You benefit from minimized production losses, energy savings and very short changeover times for a highly flexible machinery.



Specifications

EXTRUDER	Pretreatment options	Main extruder outputs ¹ [kg/h]				Co-extruder outputs ¹ [kg/h]			Thickness range [μm]
		S125 / T75	S145 / T90	S165 / T93	S215	S65 / T45	S85 / T55	S105	
PET flakes / pellets	I II III IV	1000	1300	1600	2200	200	450	650	150–1800
PP, PS, HIPS	I	700	900	1100	1500	140	300	400	400–1800

CALANDER	cooled width [mm]	possible net sheet [mm]	rollstack varioGAP [kg/h] PET (150-1500μm) ²	rollstack varioGAP High Capacity [kg/h]	
				PET (150-1500μm) ²	PP, PS, HIPS (400-1500μm) ³
CAL 1200	1200	600–1050	950–1600	1250–2100	900–1500
CAL 1600	1600	900–1450	1400–2100	1800–2800	1300–2000
CAL 2000	2000	1300–1850	2000–2700	2500–3500	1800–2500
CAL 2400	2400	1700–2250	2500–3300	3100–4200	2350–3100

Above table represents general data and average values. We reserve the right of technical modifications.

¹ output rates depending on input material

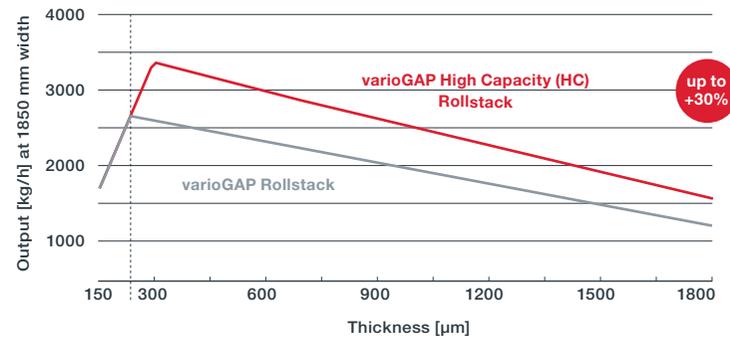
² with max. 75m/min

³ with max. 60m/min

High Capacity Rollstack

Highest output with varioGAP High Capacity (up to +30%) thanks to increased cooling capacity.

- Larger extruder throughput with same downstream width
- Maximized investment-to-output ratio
- Outstanding surface quality of sheet
- varioGAP and autoGAP function
- Ideal for both PP and PET



Unique features

Extrusion Control

intelligent control tool of gravimetric dosing, extruder & melt pump

autoGAGE

thickness change within seconds, perfect average thickness

autoDIE

perfect thickness profile from left to right due to automatic bolt control

autoGAP & varioGAP

automatically controlled roll stack for highest optical appearance & stressless sheet

autoSTART

one button to start line from dosing to winder

viscoLYZER

analyze, visualize, optimize. Full transparency and control of production process

