



Application

PVC is one of the major polymers, that got its exceptional position due to extraordinary properties combined with a competitive price. On the other hand, this comes with special requirements of the compounding process. As the trend towards higher filler contents continues, the need for optimized compounding processes increases even further. Continuous Kneaders are the optimal mixers to meet challenging technical requirements and providing excellent economic benefits.

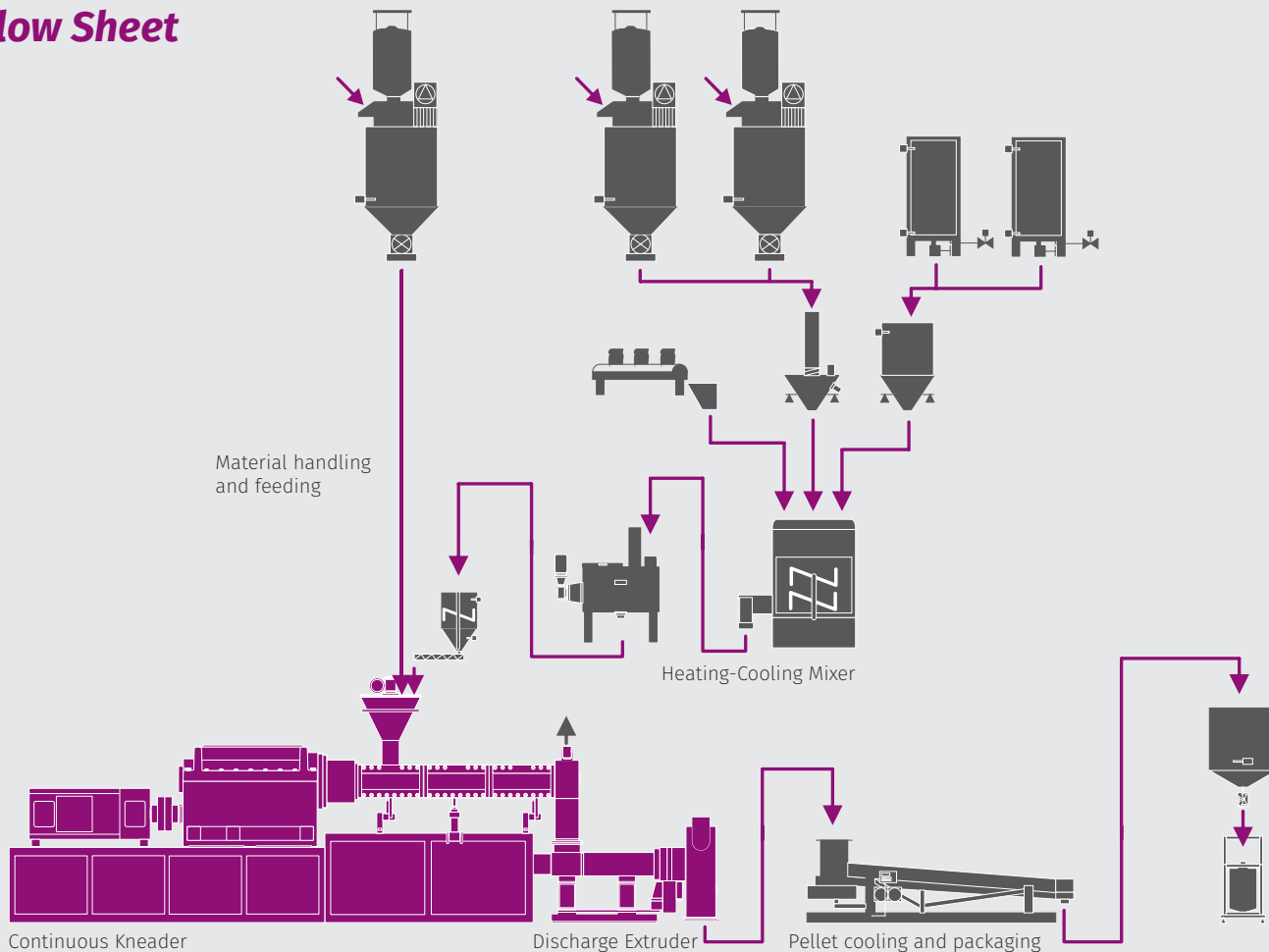
We can exactly control the energy input into the material, and monitor the temperature profile along

the kneader process length. Thus, we find the optimum balance of gentle processing, homogeneous gelation and intensive mixing.

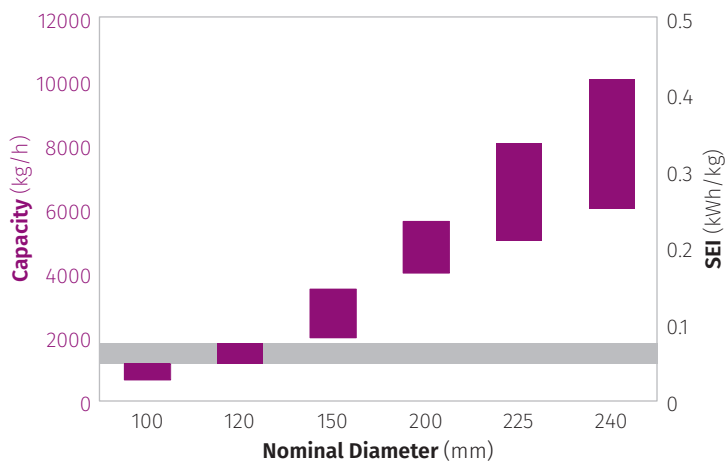
Benefits

- Gentle material processing and excellent mixing due to the unique principle of operation.
- Excellent self-cleaning
- Highest filler loadings achievable
- Homogeneous gelation of PVC

Flow Sheet



Kneader Data



Kneader	Nominal Diameter (mm)	H (mm)	B (mm)	L (mm)	Throughput (kg/h)	SEI (kWh/kg)
CK 100	100	2'100	750	5'000	700-1'200	0.05-0.08
CK 120	120	2'300	800	5'600	1'200-1'800	0.05-0.08
CK 150	150	2'700	900	6'700	2'000-3'500	0.05-0.08
CK 200	200	3'500	1'000	8'000	4'000-5'600	0.05-0.08
CK 225	225	3'600	1'100	8'750	5'000-8'000	0.05-0.08
CK 240	240	3'700	1'200	9'500	6'000-10'000	0.05-0.08

The data provided in this document are for information purposes only. Actual dimensions, throughputs and energy inputs are depending e.g. on raw materials and may vary.