

Single screw extruders Type EN 15-38



Technical data - standard-extruder*

Type		EN 15	EN 18	EN 20	EN 25	EN 30	EN 35	EN 38
Screw diameter	mm	15	18	20	25	30	35	38
Screw length	L/D	20-30	20-30	20-30	20-30	20-30	20-30	20-30
Screw speed	RPM	0-150	0-150	0-150	0-150	0-150	0-150	0-150
Drive power	approx. kW	0,75 - 1,5	1,0 - 2,3	2,5 - 3,0	6,0 - 9,0	9,0 - 11,0	11,0 - 15,0	15,0 - 17,5
Heating zones on barrel		2	2-3	3	3	3	3-4	3-4
Heating power on barrel	approx. kW	1,2 - 2,0	1,2 - 2,2	1,7 - 2,7	2,6 - 4,5	3,6 - 5,7	5,1 - 6,0	5,1 - 8,0
Heating zones for die		1	1	1	1	2	2	2
Temperature control zones		4	4	5	5	6	6	6
Temperature range	°C	0-400	0-400	0-400	0-400	0-400	0-400	0-400
Heater bands standard (ceramic possible)		glimmer	glimmer	glimmer	glimmer	glimmer	glimmer	glimmer
Temperature sensor		Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni
Cooling bolwers on barrel		1	1	1	2	2	3	3
Feeding zone		grooved or smooth	grooved or smooth	grooved or smooth	grooved or smooth	grooved or smooth	grooved or smooth	grooved or smooth
Extrusions height (other heights possible)	approx. mm	950-1.300	950-1.300	950-1.300	950-1.300	950-1.300	950-1.300	950-1.300
Power supply	V Hz	230/400 50	230/400 50	230/400 50	230/400 50	230/400 50	230/400 50	230/400 50
Net weight	approx. kg	420	450	450	450	500	580	610
Dimensions L/W/H	mm	2.200 720 1.800	2.200 720 1.800	2.200 720 1.800	2.500 720 1.800	2.600 720 1.800	2.800 720 1.800	3.100 900 2.000

*Other system configurations available for customer-specific applications

All machines can be supplied with degassing option.

Production throughputs: provided on request (resin and die-dependent)

All data subject to change without notice in accordance with technical modifications!