



Single screw extruders Type EN 45-90

Technical data - standard-extruder*

Type		EN 45	EN 48	EN 50	EN 60	EN 70	EN 80	EN 90
Screw diameter	mm	45	48	50	60	70	80	90
Screw length	L/D	25-30	25-30	25-30	25-30	25-30	25-30	25-30
Screw speed	RPM	0-150	0-150	0-150	0-150	0-130	0-120	0-120
Drive power	approx. kW	25-30	30-35	30-35	48-68	68-85	95-115	120-150
Heating zones on barrel		4	4	4	4	4	4	4-5
Heating power on barrel	approx. kW	7,8 - 9,0	12	12	15,6 - 20	20-26	22-26	28-40
Heating zones for die		3	3	3	4	4	4	4-5
Temperature control zones		7	7	7	8	8	8	8-9
Temperature range	°C	0-400	0-400	0-400	0-400	0-400	0-400	0-400
Heater bands standard		ceramic	ceramic	ceramic	ceramic	ceramic	ceramic	ceramic
Temperature sensor		Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni	Fe-Cu-Ni
Cooling blowers on barrel		4	4	4	4	4	4	4-10
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	1.000	1.000	1.000	1.000	1.000	1.000	1.000
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	ca. kg	1.000	1.200	1.200	1.500	1.600	2.000	2.500
Dimensions L/W/H	mm	2.000 600 1.700	2.100 600 1.700	2.100 600 1.700	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!