PROCESS STAGE 4 OF 6 · EXTRUDE

Rubber Extruder Machine

Cold & hot feed · 45–150 mm

The Rubber Extruder shapes compound into precise profiles. The Cold Feed extruder processes rubber at lower temperatures for energy efficiency and consistent output on complex profiles. The Hot Feed extruder takes pre-warmed rubber for fast, high-volume production.

Temperature control
Two to four independent zones on cold feed models.

Energy efficiency
Cold feeding removes the warm-up mill from the line.

Durable construction
Hardened screws and barrels for long service.

High-torque drive
Steady output across hard and soft compounds.

Cold feed rubber extruder

Model	Screw dia (mm)	L/D ratio	Screw speed (RPM)	Motor (HP)	Output (kg/hr)	Temperature zones	Cooling water (L/min)
VICEX-45	45	10:1	6–60	10	46–60	2	10
VICEX-60	60	12:1	6–60	25	80–130	3	25
VICEX-75	75	12:1	6–60	40	150–200	3	40
VICEX-90	90	16:1	6–60	60	300–500	4	75
VICEX-120	120	16:1	6–60	120	600–800	4	95
VICEX-150	150	16:1	4–40	175	800–1000	4	150

Feeding: hopper with spiral undercut and feed roll arrangement. Head: standard adaptor head; other heads optional.

Hot feed rubber extruder

Model	Screw dia (in / mm)	L/D 4:1 RPM	L/D 4:1 motor (HP)	L/D 4:1 output (kg/hr)	L/D 5:1 & 6:1 RPM	L/D 5:1 & 6:1 motor (HP)	L/D 5:1 & 6:1 output (kg/hr)	L/D 8:1 RPM	L/D 8:1 motor (HP)	L/D 8:1 output (kg/hr)
VEX-55	2 / 55	35	5	30	—	—	—	48	7.5	45
VEX-63	2.5 / 63	36	7.5	50	—	—	—	—	—	—
VEX-75	3 / 75	36/48	10	75/90	—	—	—	48	15	115
VEX-90	3.5 / 90	—	—	—	—	—	—	48	30	180
VEX-100	4 / 100	36	15	150–175	36/48	15/24	200/240	—	—	—
VEX-115	4.5 / 115	36/48	20/30	250/300	—	—	—	—	—	—
VEX-150	6 / 150	36	40	275/350	40	60	350/500	—	—	—

VEX-90 is built exclusively for sealants, with a double feed roller.

Specifications are a starting point. Every machine is configured to your compound, product and line layout. Send us your requirement for a configured specification and written quote.

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