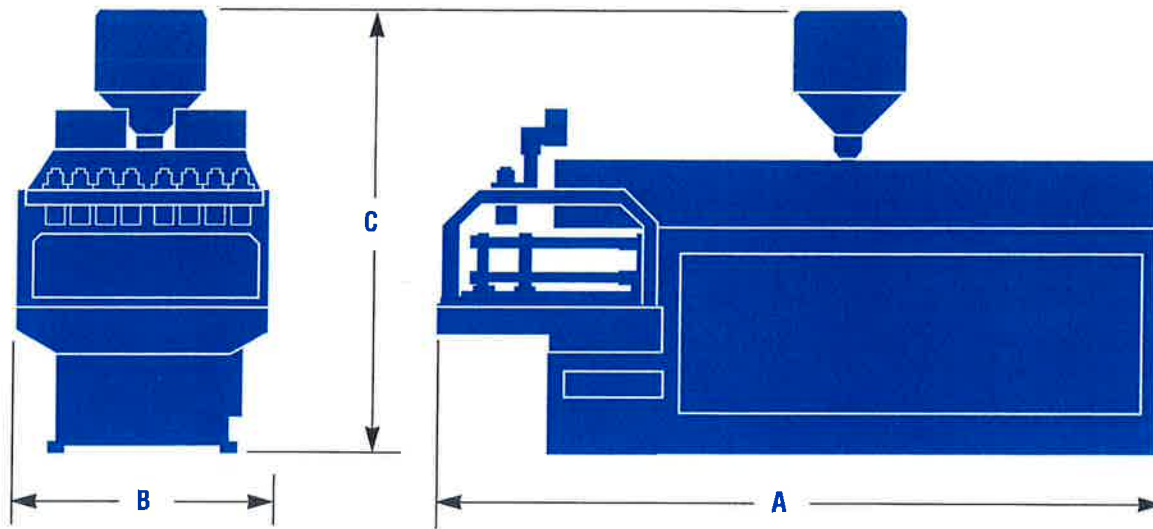


Intermittent Extrusion Reciprocating Series

**350R2
350R3
350R4**



Note: This diagram may not be representative of all machines in the series.

Physical Dimensions	350R2/350R3		350R4
	A Max. configuration length** in. (mm)	237 (6,020)	253 (6,426)
B Max. configuration width** in. (mm)	83 (2,108)	93 (2,362)	
C Max. configuration height in. (mm)	122 (3,099)	121 (3,073)	
Max. configuration weight lbs. (kg)	35,000 (14,511)	42,000 (17,413)	

** Approx. dimensions for extruder and clamp.

Specifications can't tell the whole story

- **Cost Effective**—In many applications, Uniloy Reciprocating machines are the most cost-effective blowmolding technology in the industry.
- **Low Maintenance/Long Tool Life**—Approximately 40% less moving parts than Shuttle technology. The results are reduced maintenance and improved mold life.
- **Versatility**—Uniloy Reciprocating machines can process several different types of resins in a wide variety of applications.
- **Experience**—Production-proven technology: 30 years, approximately 3,000 systems, with 90% still in use on 6 continents.
- **Special Builds**—Modular construction allows for the cost-competitive design and construction of custom machines to meet any product configuration and throughput demand.



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Intermittent Extrusion Reciprocating Series

	350R2/350R3	350R4	
Extruder	Screw Diameter in. (mm)	3.5 (89)	3.5 (89)
	Max. Screw Speed rpm	96/136/150	150
	L/D	24:1	24:1
	Throughput lbs./hr. (kg/hr.)(HDPE)	450/600/625 (204/272/284) [.96 density, .7 MI]	625 (284) [.96 density, .7 MI]
	Drive Type	AC variable freq. DC drive (option)	AC variable freq. DC drive (option)
	Drive Size hp (kW)	75/100/125 (56/75/93)	125 (93)
	Max. shot size gr HDPE	900 [R2] 1100 [R3]	1600
	Barrel Cooling Type	Oil or Air	Oil or Air
Oil tank capacity gal. (l)	60 [R2] 98 [R3] (227) [R2] (370) [R3]	98 (370)	
Melt Delivery	Number of Heads	1-12	1-12
	Center Spacing in. (mm)	4-22 (102-559)	4-22 (102-559)
	Max. Tooling Size in. (mm)	6 (152)	6 (152)
Clamp	Max. Clamp Stroke in. (mm)	11.8-16-20 (300-406-508)	11.8-16-20 (300-406-508)
	Distance between Tie Bars* in. (mm)	15 x 45 Dbl. (381 x 1,143) Maximum	15 x 45 Dbl. (381 x 1,143) Maximum
	Min. Mold Shut Ht. in. (mm)	6.2-9-12 (158-229-305)	6.2-9-12 (158-229-305)
	Max. Mold Shut Ht. in. (mm)	11.7-18-24 (297-457-610)	11.7-18-24 (297-457-610)
	Usable Platen Area H x W* in. (mm)	2-15 x 45 (2-381 x 1,143)	2-15 x 45 (2-381 x 1,143)
	Clamp Tonnage US (metric)	90 (82)	90 (82)
Utilities	Total Connected Load kW	141/185/207	207
	Typical Electrical Running Load kW	86/121/140	140
	Chilled Water °F-psi-gpm (°C-bar-l/min.)	35-65-90 (2-4.9-340)	35-65-90 (2-4.9-340)
	Min. Air SCFM-psi (l/min.-bar)	40-100/60-100/80-100 (1132-6.9/1698-6.9/2,264-6.9)	80-100 (2,264-6.9)

* E.C. machine max. clamp size only.

- Ongoing improvements may alter specifications.
- The company reserves the right to modifications and variations of any type for technical and aesthetic reason.
- Approximate rates, actual rates vary with resin and process conditions.

