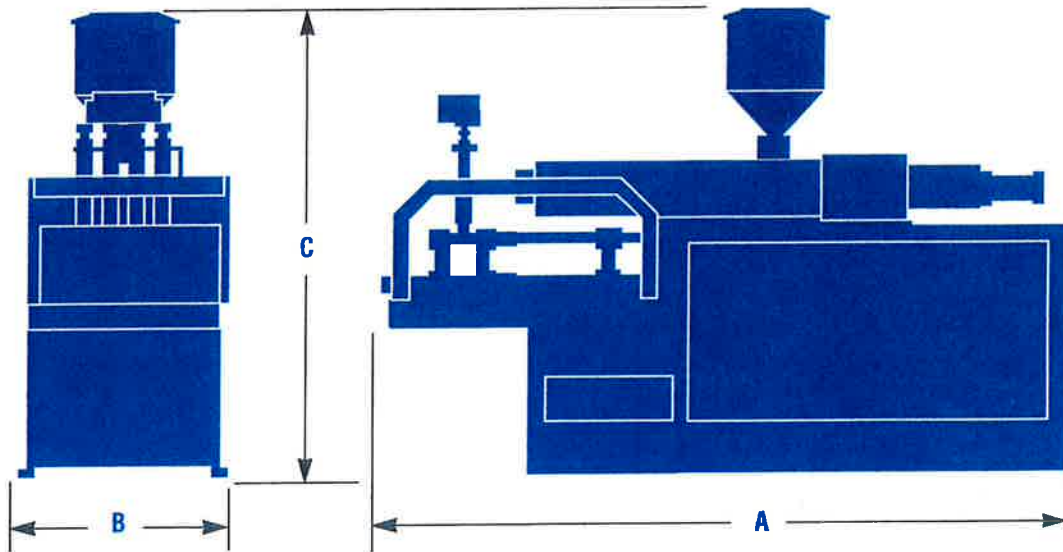


Intermittent Extrusion Reciprocating Series



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

	2016	250R1
A Max. configuration length* in. (mm)	162 (4,115)	182 (4,623)
B Max. configuration width* in. (mm)	50 (1,270)	77 (1,956)
C Max. configuration height in. (mm)	Top of hopper 138 (3,505)	Top of hopper 121 (3,073)
Max. configuration weight lbs. (kg)	25,000 (11,343)	30,000 (13,612)

*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.

JOHNSON
CONTROLS

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Intermittent Extrusion Reciprocating Series

	2016	250R1	
Extruder	Main Extruder		
	Screw Diameter in. (mm)	2.5 (64)	2.5 (64)
	Max. Screw Speed rpm	87	152
	L/D	21:1	24:1
	Throughput lbs./hr. (kg/hr.) [HDPE]	180 (82) [.96 density, .7 MI]	275 (114) [.96 density, .7 MI]
	Drive type	AC variable freq. DC drive (option)	AC variable freq. DC drive (option)
	Drive Size hp. (kW)	30 (22.4)	50 (37)
	Max. shot size gr HDPE	450	560
	Barrel Cooling Type	Oil	Oil
Oil tank capacity gal. (l)	47 (178)	60 (227)	
Melt Delivery	Number of Heads	1-4	1-8
	Center Spacing in. (mm)	4-18 (102-457)	4-18 (102-457)
	Max. Tooling Size in. (mm)	3.5 (89)	3.5 (89)
Clamp	Max. Clamp Stroke in. (mm)	11.75 (298)	11.8-16-20 (300-406-508)
	Distance between Tie Bars in. (mm)	18.5 x 15 (470 x 381)	15 x 38 (381 x 965)
	Min. Mold Shut Ht. in. (mm)	3 (76)	6.2-9-12 (158-229-305)
	Max. Mold Shut Ht. in. (mm)	9.875 (251)	11.7-18-24 (297-457-610)
	Usable Platen Area HxW in. (mm)	18.5 x 15 (470 x 381)	15 x 38 (381 x 965)
	Clamp Tonnage US (metric)	80 (73)	90 (82)
Utilities	Total Connected Load kW	77	80
	Typical Electrical Running Load kW	51	53
	Chilled Water °F-psi-gpm (°C-bar-l/min.)	35-60-20 (2-4.1-76)	35-65-37 (2-4.5-140)
	Min. Air SCFM-psi (l/min.-bar)	20-100 (560-6.9)	25-100 (562-6.9)

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