



EMI 212 / 214 Molding Machines

Ram-Jolt Squeeze Molding Machines



The EMI/Osborn 212/214 RJW molding machines are heavy duty units designed for long, trouble-free service. The swing-head design with heavy ribbed steel post and squeeze beam construction withstands rugged work demands. Working parts, fully enclosed for protection from sand and other contaminants, are designed with all lubrication points readily accessible.

The capacities of these machines, in combination with EMI/Osborn's exclusive and patented Ram-Jolt® mechanism, provide exceptional mold ramming characteristics.

Rather than a vibrating type rap for the pre-jolt portion of the cycle, the EMI/Osborn machine has an anvil strike. This assures adequate compaction of the drag mold and helps the operator to imbed the bottom board. After the cope is filled, the EMI/Osborn Ram-Jolt® is applied simultaneously with the squeeze. These sequences offer improved mold quality. Dense, hard, uniform molds with excellent casting definition are the result of this process.

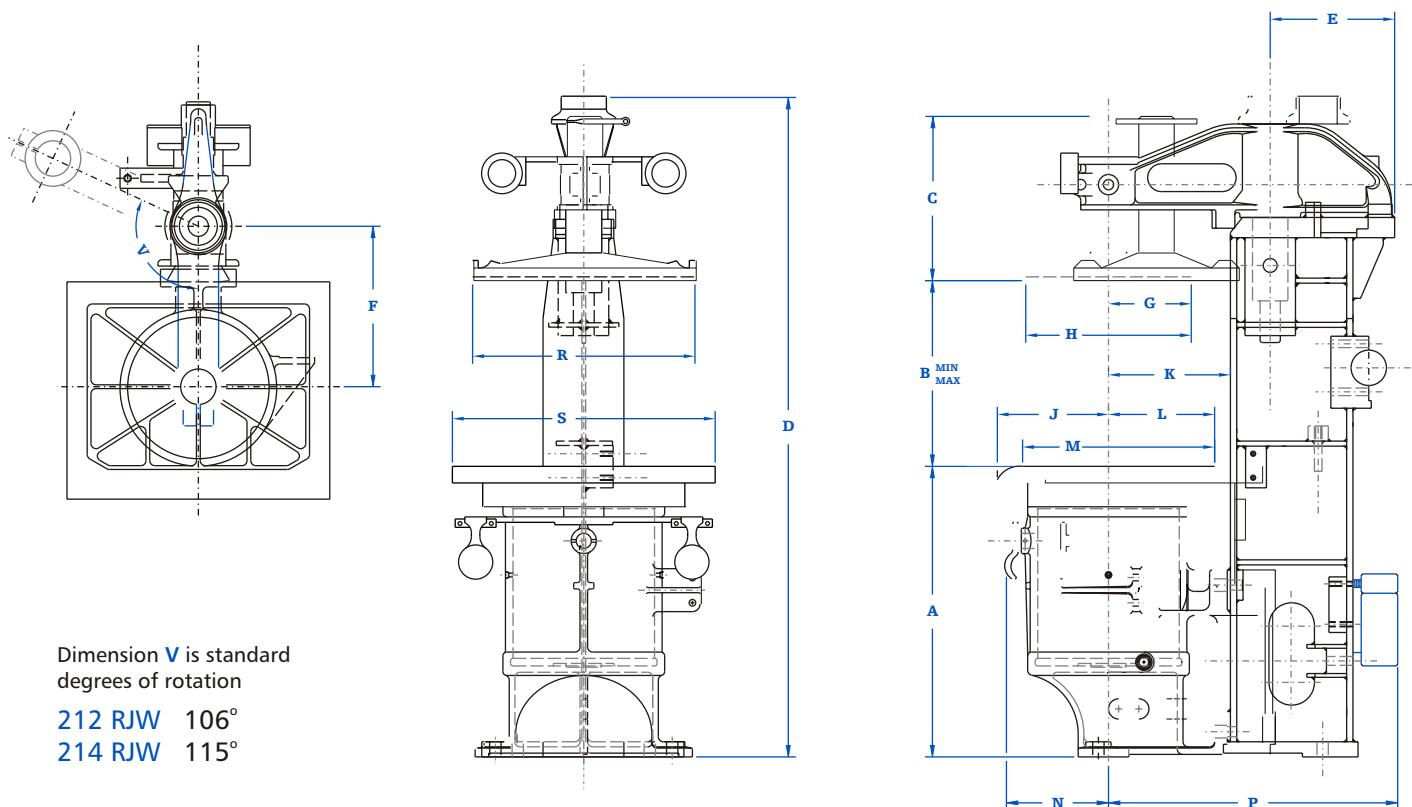
SPECS	212 RJW	214 RJW
Table Size	20x22"	21x26"
Squeeze Cylinder Diameter	12"	14"
Squeeze Stroke	5"	6"
Jolt Cylinder Diameter	5"	6"
Jolt Capacity at 80 PSI	700 lbs.	900 lbs.
Air Consumption SCF/Cycle	7.0	8.0
Air Supply Line	1" NPT	1" NPT
Approx Shipping Weight	1300 lbs.	2000 lbs.

NOTE: Standard squeeze head rotation is clockwise. Counter-clockwise available upon request at time of order.



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Dimension **V** is standard degrees of rotation

- 212 RJW 106°
- 214 RJW 115°

DIMENSIONS

	A	BMin	BMax	C	D	E	F	G	H	J	K	L	M	N	P	R
212 RJW	28.88"	11.44	17.44	13.75	57.19	10.13	14.25	6.00	13.25	10.00	10.75	10.00	18.00	10.38	26.00	18.00
214 RJW	28.78"	15.88	23.88	17.38	67.38	12.00	15.88	7.00	16.38	11.00	12.00	10.50	19.00	11.50	28.00	22.00

Specifications and dimensions are approximate and subject to change.