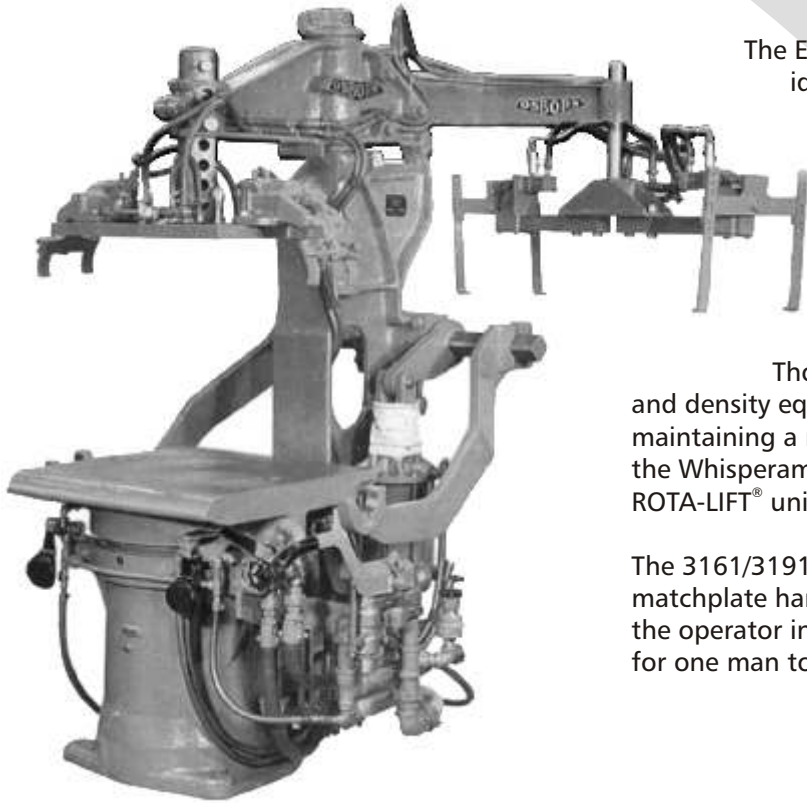




Osborn • SPO • Sutter • Herman

EMI 3161 / 3191 Molding Machines

Ram-Jolt Squeeze Molding Machines



The EMI/Osborn ROTA-LIFT® machines are ideally suited for the production of castings from larger matchplate patterns. Both units have an anvil type pre-jolt and Ram-Jolt® for use during the squeeze operation.

One of our most significant developments has been the EMI/Osborn Whisperam® noise-controlled jolt.

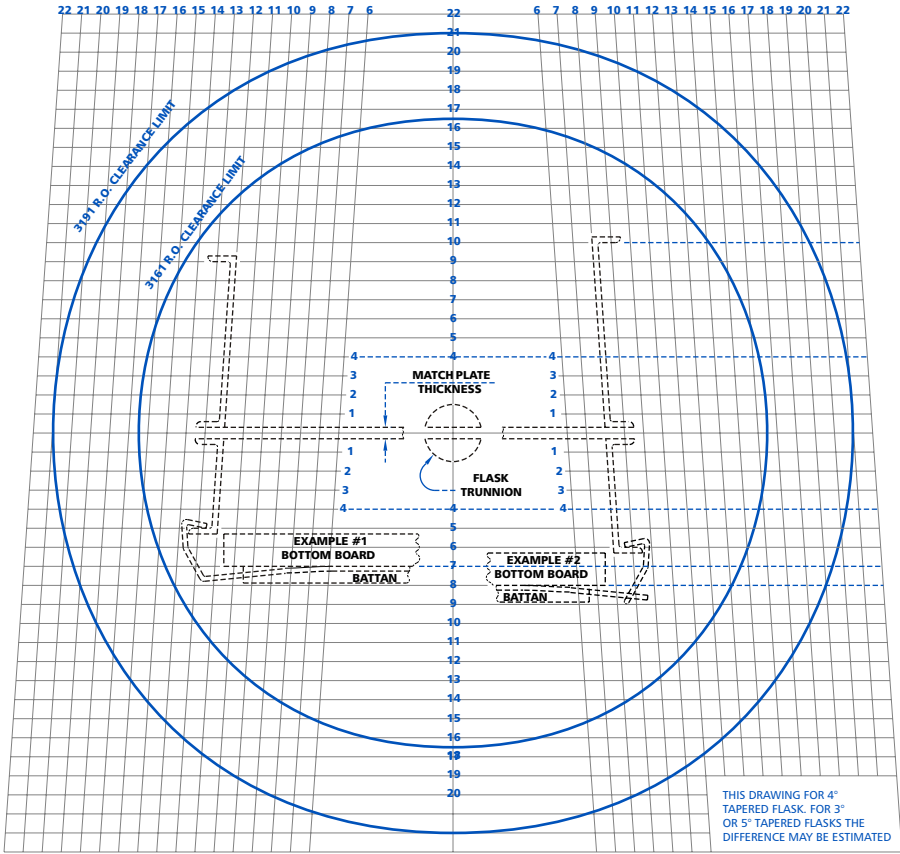
Thorough testing delivered molds of quality and density equal to our original machines, while maintaining a respectable DBA level. We now furnish the Whisperam® as standard equipment with all our ROTA-LIFT® units.

The 3161/3191 machines can be equipped with a matchplate handling device which is designed to assist the operator in drawing matchplates normally too large for one man to conveniently handle.

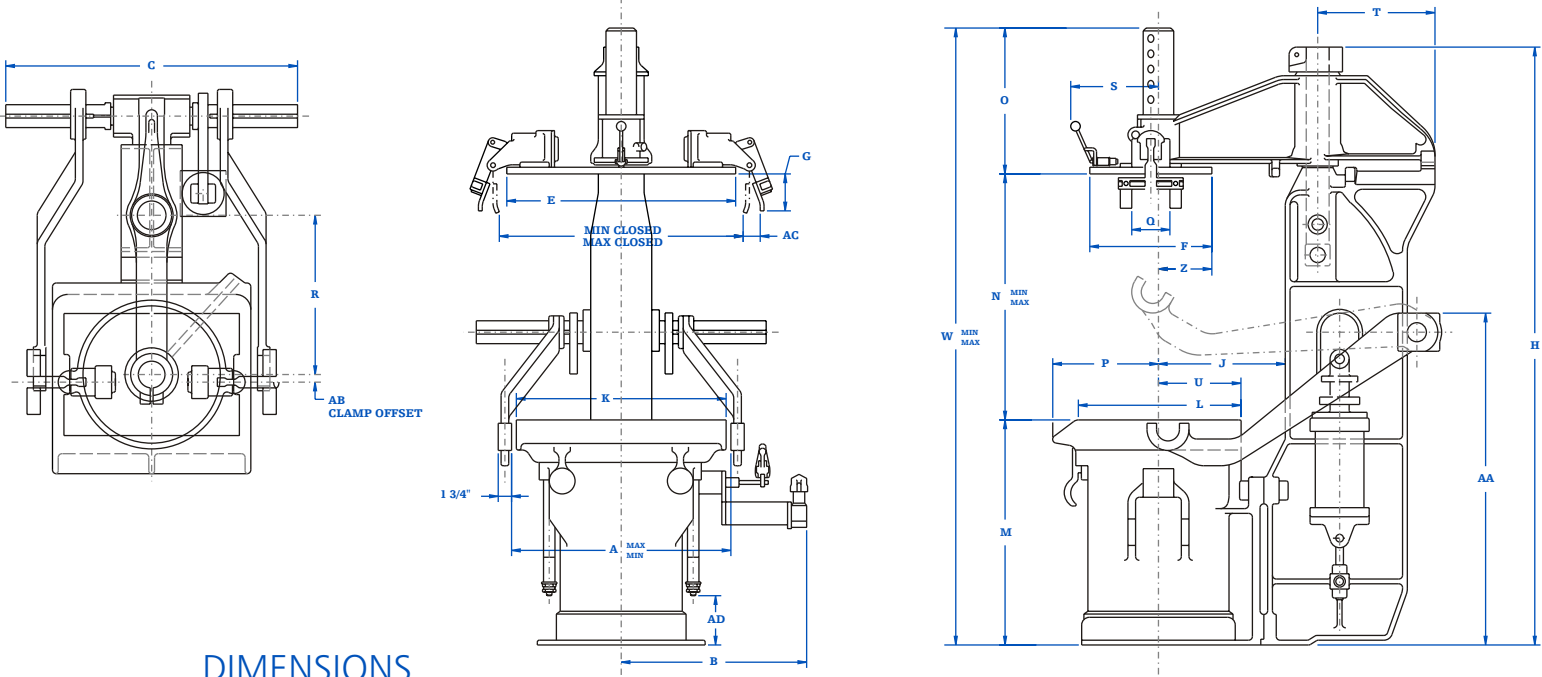
SPECS

	3161 RJW	3191 RJW
Table Size	27.5 x 29"	30 x 38"
Flask Length* Min-Max	20 x 30"	22 x 44"
Squeeze Cylinder Diameter	16"	19"
Jolt Cylinder Diameter	10"	12"
Squeeze Stroke	12"	14"
Maximum Draw	11.5"	13.5"
Jolt Capacity at 80 PSI	2500#	3500#
Rollover Capacity at 80 PSI	850#	2000#
Size Air Supply Pipe	1.25"	2"
Approx Shipping Weight	3500#	7450#

3161 RJW/3191RJW Rollover Clearance Chart



Squeeze head swing-out is 121° for Model 3161 RJW and 124° for Model 3191 RJW. Specify left or right swing with order. Dimensions and specifications subject to change without notice. Certified prints available upon request.



DIMENSIONS

	A _{Min}	A _{Max}	B	C	D _{Min}	D _{Max}	E	F	G	H	J	K	L	M	N _{Min}	N _{Max}	O
3161 RJW	28.00"	40.38	27.50	38.25	20.50	30.25	23.00	16.00	3.88	78.38	15.38	27.50	29.63	29.50	20.50	31.50	19.25
3191 RJW	30.50"	55.00	28.00	52.00	21.50	46.00	40.00	21.00	8.25	94.00	23.50	30.00	38.00	32.00	28.00	40.00	24.50
	P	Q	R	S	T	U	W _{Min}	W _{Max}	X	Y	Z	AA	AB	AC	AD		
3161 RJW	17.00	5.00	20.88	11.50	16.50	12.00	69.25	80.25	17.81	16.63	7.00	44.19	1.00	4.00	5.00		
3191 RJW	19.00	7.00	28.50	11.75	20.00	19.00	84.50	96.50	21.50	21.00	9.75	43.00	0.73	5.88	7.23		

A: Add approx. 10³/₈ to inside length of flask for Standard ROTA-LIFT Trunnions
 N: POST ADJUSTMENTS: 1" spacing on 3161 RJW and 1 1/2 on 3191 RJW