

Press #	Location	Make	Tonnage	Ram Size		SPM		Shut Height		Length of Stroke	Ram Adjust	Window Size		Bolster to Floor	Feed Direction	Pass Line			Width		Thickness		Max Weight	Knock-out Pins	Die Protection	Up Blanking	Transfer Press	
				R to L	F to B	Min	Max	Min	Max			Width	Height			Min	Ideal	Max	Min	Max	Min	Max						
1	Morgal	Blow	500	96	48	20	60	13	25	10	12	30	26	39.75	R to L	4.25	8.75	13.25	n/a	30	0.02	0.20	30,000	Yes	Yes	Yes	No	
2	Morgal	Clearing	500	38	42	25		10.5	22.5	12	12	24	24	39.5	R to L	9.5			2	24	0.06	0.5	30,000	Yes	No	No	No	
4	Morgal	Aida	275	82.6	27.5	25	55	15.8	20.5	7.9	5	GAP		39.5	R to L	8	9.75	10	n/a	24	n/a	0.15	10,000	Yes	n/a	Yes	No	
6	Morgal	Aida	220	33.4	25.1	35	65	11.8	16.1	6.2	4.3	GAP		43	None	8	9	10	n/a	20	n/a	0.31	10,000	No	Yes	No	No	
7	Morgal	H.S.	275	82.6	27.5	22	40	15.86	20.58	9.8	4.72	GAP		41	R to L	10	11.5	13	n/a	18	n/a	0.18	10,000	Yes	Yes	Yes	No	
8	Morgal	Aida	220	33.4	25.1	25		13.4	17.7	9.8	4.3	GAP		40	None	~	~	~	~	~	~	~	~	~	Yes	No	Yes	No
10	Morgal	Blow	300	82.5	42	40	80	13	23	10	10	20	26	42	R to L	8	10	12		20	0.06	0.187	20,000	Yes	Yes	Yes	No	
13	Morgal	Bliss	150	72	42	15	45	8	16	10	8	15	26	36.87	B to F	3.18	11.18	15.18	n/a	36	n/a	0.09	10,000	Yes	Yes	Yes	No	
14	Morgal	V&O	32	7.5	7.5	20	60	8.5	10.5	2.5	2	GAP		42	None	~	~	~	~	~	~	~	~	~	No	No	No	No
15	Morgal	Minster	400	120	54	0	90	16	26	12	10	30	n/a	40	R to L	8	10	17	5	30	0.02	0.35	20,000	Yes	Yes	Yes	No	
17	Morgal	Aida	66	18.9	15.7	45	85	9.1	11.8	5.5	2.7	GAP		41.5	None	~	~	~	~	~	~	~	~	~	No	No	No	No
18	Morgal	Aida	165	27.5	27.5	25	55	11.8	15.7	7.8	3.9	GAP		40.67	R to L	4	8.75	10	1	6	n/a	0.2	6,000	Yes	Yes	Yes	No	
19	Morgal	Aida	220	34.6	25.6	25	45	13.6	17.7	9.9	4.3	GAP		42.5	R to L	~	~	~	~	~	~	~	~	~	No	Yes	No	No
21	Morgal	Version	500	48	42	30		10.2	17.6	5	7.42	26	25	40	None	~	~	~	~	~	~	~	~	~	Yes	No	Yes	No
22	Morgal	Version	500	48	42	30		10	18	5	8	~	~	40	None	~	~	~	~	~	~	~	~	~	Yes	No	Yes	No
337	Morgal	Bliss	400	60	48	17	37	15	25	12	10	25	21	46.37	B to F	6	10.5	16	n/a	36	0.03	0.12	20,000	Yes	No	Yes	No	
31	Morgal	Minster	100	48	31	90	450	7.46	11.4	1.57	3.94														Yes		No	
32	Morgal	Minster	100	39.4	31.5	0	400	11	15	2	4												4,500		Yes		No	
33	Morgal	Minster	100	48	31	90	450	7.46	11.4	1.57	3.94														Yes		No	
328	OSMI	Clearing	600	96	60	24		9.75	27.75	18	18	36	30	36.75	B to F	17	19	21	n/a	72	0.02	0.075	50,000	Yes	No	Yes	No	
329	OSMI	Clearing	600	96	60	24		9.75	27.75	18	18	36	30	37.37	R to L	8	14	19	18	30		0.375	20,000	Yes	n/a	Yes	No	
331	OSMI	Clearing	1000	144	72	15		14	32	18	18	48	29.5	27	L to R	17	19	21	n/a	48	0.03	0.2	20,000	Yes	Yes	Yes	Yes	
334	OSMI	Bliss	400	84	60	16	45	23.5	35.5	6	12	36	24	39	B to F	15	16	17	n/a	60	0.03	0.187	50,000	No	No	No	No	
339	OSMI	Clearing	500	84	48	27		12	34	18	22	39	42	40	B to F	8	10.5	13	6	60	0.06	0.375	50,000	Yes	Yes	Yes	No	
340	OSMI	Blow	800	108	72	20	40	16	34	18	18	54	34	40	B to F	10	15	20	12	78	0.025	0.25	50,000	Yes	Yes	Yes	No	
341	OSMI	Blow	1200	144	108	10	40	16	49	18	18	96	45	24.5	R to L	8	14	20	n/a	84	0.025	0.25	70,000	Yes	Yes	Yes	No	
342	OSMI	Blow	800	108	96	20	60	30	36	16	6	75	38	36	R to L	10	18	26	n/a	72	0.03	0.2	60,000	Yes	n/a	Yes	No	
343	OSMI	Blow	1600	240	108	8	24	42	62	30	20	126	62.2	20	L to R	29	33	37	n/a	72	0.02	0.125	50,000	No	Yes	No	Yes	
344	OSMI	Blow	1000	180	84	15	30	38	50	24	12	84	52	20	L to R	9	10.5	12	n/a	60	0.047	0.187	50,000	No	Yes	No	Yes	

Press #	Location	Make	Tonnage	Ram Size		SPM		Shut Height		Length of Stroke	Ram Adjust	Window Size		Bolster to Floor	Feed Direction	Pass Line			Width		Thickness		Max Weight	Knock-out Pins	Die Protection	Up Blanking	Transfer Press
				R to L	F to B	Min	Max	Min	Max			Width	Height			Min	Ideal	Max	Min	Max	Min	Max					
3	Rose City	Minster	150	52	40	24	225	11	15	4	4	20	17.5	53.31	R to L	6.5	8.5	8.5	n/a	20	0.028	0.187	7,500	Yes	Yes	Yes	No
354	Rose City	Clearing	100	28	20	50		9	15	6	4	12	7	43.37	None	~	~	~	~	~	~	~	~	Yes	No	No	No
356	Rose City	Bliss	300	84	48	32		20.25	32	12	12	32.5	40	34.5	None	~	~	~	~	~	~	~	~	Yes	Yes	No	No
357	Rose City	Bliss	300	84	48	32		20.25	32	12	12	33	40	34.75	None	~	~	~	~	~	~	~	~	Yes	Yes	No	No
358	Rose City	Aida	220	33.5	25	35		13.4	17.7	9.8	4.3	GAP		40	None	~	~	~	~	~	~	~	~	Yes	No	No	No
359	Rose City	Niagra	200	72	36	40	80	18	28	10	10	21	22	43.5	R to L	10	12	14	n/a	21	n/a	0.1	10,000	Yes	Yes	Yes	No
360	Rose City	Minster	200	48	36	30		26	36	16	10	27	14	44.5	R to L	0.7	9.25	14.25	n/a	24	n/a	0.1	10,000	Yes	Yes	Yes	No
362	Rose City	Niagra	250	84	48	20	30	19	30	14	11	28	20	46	R to L	n/a	n/a	n/a	n/a	20	n/a	0.1	12,000	Yes	Yes	Yes	No

Sheet updated 3/20/17