



AUTOMATIC PRESS EQUIPMENT

Press												SUPPORT EQUIPMENT						
E.Q.	Type	Press Make & Model	Tons	Die HGT.	Stroke	S.P.M.	Bolster		Ram		Feed Line	THKNS		Max. Width	Max. Feed	Type	Coil	
							L-R	F-B	L-R	F-B		Min.	Max.				O.D.	LBS.
32	Gap	Minster B1-32	32	5¼-8½	2	0-400	21	14½	19	14	3	0	0.050	4½	5	Rotary	42"	2000
45-1	Str. Side	Minster P2-45	45	11-12	2½	0-400	43	25	40½	18	7½	0	0.080	7.5	Air Geared	Vanco	52"	4000
45-2	Str. Side	Minster P2-45	45	11-12	2½	0-400	43	25	40½	18	7½	0	0.060	12	10	Air	52"	4000
60-1	Gap	Minster B1-60	60	10-13	3	0-300	32	21	20	11	3½	0	0.080	6	6	Rotary	52"	4000
100-1	Str. Side	Minster P2-100	100	12-15	4	0-200	48	32	44	18	9	0	0.188	14	15	Roll	22" Reel	6000
100-2	Str. Side	Minster P2-100	100	12-15	4	0-200	48	32	44	18	9	0	0.130	12	6	Roll	22" Reel	6000
100-3	Str. Side	Minster P2-100	100	12-15	3	0-300	48	32	44	18	9	0	0.100	5	4¾	Roll	22" Reel	6000
200-1	Str. Side	Minster P2-200	200	15-21	6	0-150	48	32	48	25	10¼	0	0.188	14	99.9	Elec	52"	8000
200-3	Str. Side	Minster E2-200	200	15-21	8	0-100	72	42	72	42	11	0	0.100	28	99.9	Elec.	72	10000
300-1	Str. Side	Minster E2-300	300	12-18	8	0-100	60	42	60	42		0	0.080	20	99.9	Elec.	72	10000
300-2	Str. Side	Minster E2-300	300	18-24	12	0-80	84	48	84	48	13	0	0.110	24	99.9	Elec.	72	10000
400-1	Str. Side	Minster E2-400	400	15¼-20¾	6	0-100	72	42	71	42	10	0	0.250	21¼	21	Roll	60	10000
400-2	Str. Side	Minster E2-400	400	20-28	8	0-60	60	42	60	36	15	0	0.188	20	29½	Air	72	20000
400-3	Str. Side	Minster E2-400	400	22-28	12	0-80	108	48	108	48	14	0	0.120	32	99.9	Elec.	72	30000
400-4	Str. Side	Minster E2-400	400	22-28	12	0-60	144	60	144	60	15	0.02	0.250	38	99.9	Elec.	72	20000
500	Str. Side	Minster E2-500	500	15-21	8	35-70	72	46	72	42	12	0	0.375	21½	12	Roll	72	20000
800	Str. Side	Minster E2-800	800	26-32	14	0-60	168	60	168	60	12-24	0	0.500	60	99.9	Roll	72	25000

PRESSES - SECONDARY OPERATIONS

E.Q#	Press Type	Tons	Press Make & Model	Die HGT.	Stroke	S.P.M.	Bolster		RAM		Special Equipment
							F-B	L-R	F-B	L-R	
n/a	Hydraulic	75	Toledo 14 3/4								Indexing Turntable
125	OBI	125	Federal	11½-17½	12	45	40	28	36	21	
45-3	OBI	45	Minster	5-8	3	45	19	28	12	18	
200-4	GAP	200	Danly	10-30	6	32	34	58	28	36	
200-5	GAP	200	AIDA	11-19%	9%	25	33	95	25	72	



INSPECTION EQUIPMENT

Qty	Machine Description
1	Brown & Sharpe Excel 765 Coordinate Measuring Machine (C.M.M) Utilizing "MM IV" Software
1	Ram Optical Instruments Video Probe
1	Scherr - Tumico Optical Comparator
1	Gage Pin Set Ø .011" to Ø .750" (Minus Tolerance)

WELDERS AND TAPPING

E.Q#	Welder Type	Welder Make & Model	K.V.A.	No. Sta.	Special Equipment
2	RESISTANCE	Teledyne - Peer	90	1	
3	RESISTANCE	Teldyne - Peer	75	1	
4	RESISTANCE	Custom Built	90 / 150	2	
7	RESISTANCE	Taylor - Winfield	120	1	
9	RESISTANCE	Custom Built	3 x 120	6	3 Gun / Indexing Turntable
10	RESISTANCE	Custom Built	3 x 120	1	3 Guns with Bolt Feeders
11	RESISTANCE	Custom Built	3 x 120	1	2 Guns
12	RESISTANCE	Custom Built	3 x 120	1	3 Guns with Bolt Feeders
14	RESISTANCE	Custom Built	4 x 120 1		4 Guns

(Note: all welders are equipped with mistake-proofing sensors)

CLEANING MACHINES

E.Q.#	Equipment type	Approx. Size	Process Capacity
145-2	Treiber Power Washer	20'x2'	48,000 in2/hr
145-1	Walsh Power Washer	20'x3'	144,00in2/hr