

**Artiflex - Wooster
Equipment List**

NUMBER	TYPE	MANUFACTURER	MODEL	TONNAGE	SLIDE STROKE	STROKES PER MINUTE	BED SIZE	SHUT HEIGHT (to bed of press)	CUSHIONS	CUSHION TONNAGE	CUSHION SIZE (Bed Opening)	CUSHION STROKE	BOLSTER THICKNESS	INTERNAL SCRAP SHED	
LINE A	A-10	Double Action	Danly	TU4-1000-144-90	1000/600	36/27	8 or 10	144/90	100/90	No	N/A	N/A	N/A	12	NO
	A-20	See Hydraulic Section													
	A-30	Single Action	Clearing	S4-800-156-92	800	12	36	156/92	MIN. 56 WBOLSTER & PLATE MAX. 75 WBOLSTER & PLATE	No	N/A	N/A	N/A	12	YES
	A-40	Single Action	Clearing	S4-800-156-92	800	12	36	156/92		No	N/A	N/A	N/A	8	YES
	A-50	Single Action	Clearing	S4-800-156-92	800	12	36	156/92		No	N/A	N/A	N/A	10 1/2	NO
	A-60	Single Action	Clearing	S4-800-156-92	800	12	36	156/92		No	N/A	N/A	N/A	10 1/2	NO
AB-1	Single Action	Danly	SS4-300-180-96	300	16	1 - 12	96/180	36 -48	No	N/A	N/A	N/A	NONE	NO	
LINE B	B-10	Double Action	Clearing	TF-41600-180	1000/600	40/32	6	180/96	98/88	Yes - Locking	36 @ 80psi	170 X 72	12	10	NO
	B-20	Single Action	Danly	U4-1000-180-96	1000	24	16	180/96	84	Yes	187	165 1/4 x 71 1/4	10	12	NO
	B-30	Single Action	Danly	U4-1000-180-96	1000	24	16	180/96	84	Yes	187	165 1/4 x 71 1/4	10	12	NO
	B-40	Single Action	Danly	U4-1000-180-90	1000	30	12 - 15	180/90	90	Yes	152	165 x 69	12	11	NO
	B-50	Single Action	Danly	U4-1000-180-96	1000	24	16	180/96	84	Yes	187	165 1/4 x 71 1/4	10	12	NO
	B-60*	Single Action	Toledo	96F-124	400	24	9	124/84	48 with bolster	No	N/A	N/A	N/A	8	NO
	* ADDITIONAL 2" PLATE ON TOP SLIDE FOR CLAMPING														
LINE C	C-20*	Single Action	Clearing	S4-600-144-84	600	24	18	144/84	80	No	N/A	N/A	N/A	8	NO
	C-30	Single Action	Bliss	SE4-600-144-84	600	24	14	144/84	78 1/2	Yes	102	129 x 51	8	8 1/2	NO
	C-40	Single Action	Bliss	SE4-600-144-72	600	24	14	144/72	78 1/2	Yes	102	129 x 51	8	8 1/2	NO
	C-50	Single Action	Bliss	SE4-600-144-72	600	24	14	144/72	78 1/2	Yes	102	129 x 51	8	8 1/2	NO
	C-60	Single Action	Danly	SS4-300-120-60	300	36	15	120/60	60	No	N/A	N/A	N/A	5 1/2	NO
	C-75	Gap Frame	Clearing	SDG-2250-126	250	16	18	126/48	52	No	N/A	N/A	N/A	2	NO
* FEEDER SYSTEM/DECOILER															
LINE D	F-20	Single Action	Clearing	S4-400-96-60	400	24	12	96/60	48	Yes	80	85 X 41	12	7	NO
	F-30	Single Action	Clearing	S4-300-96-60	300	16	20	96/60	40	Yes	60	83 X 46	10	7	NO
	F-40	Single Action	Clearing	S4-300-96-60	300	16	20	96/60	40	No	N/A	N/A	N/A	7	NO
	F-50	Single Action	Clearing	S4-300-96-60	300	16	20	96/60	40	No	N/A	N/A	N/A	7	NO
	G-20*	Single Action	Clearing	F-4200-84-60	200	14	12	84/60	46	Yes	38	72 X 48	7	2	NO
G-40	Single Action	Minster	MS2-200-10403	200	16	30	60/48	38	Yes	25.4	45 1/2 X 21	6	None	NO	
* ADDITIONAL 2" PLATE ON TOP SLIDE FOR CLAMPING															
LINE H	H-20*	Single Action	Clearing	S4-500-144-60	500	15	25	144/60	60	No	N/A	N/A	N/A	3 1/2	NO
	H-30	Single Action	Clearing	S2-150-72-36	150	16	26	72/36	46	No	N/A	N/A	N/A	5 1/2	NO
	* FEEDER SYSTEM/DECOILER														
M	M-10	Gap Frame	Niagara	S2G-200-72-42	200	20	25	72/42	53 1/4	Yes	31.4	45 X 25	6	6	NO
LINE S	S-10	Double Action	Clearing	DU4-1000-600-120-84	1000/600	36/27	10	120/84	86/76	No	N/A	N/A	N/A	12	NO
	S-20	Single Action	Danly	U4-1000-120-72	1000	24	16	120/72	68	Yes	166	105 X 51	12	8	NO
	S-30	Single Action	Danly	U4-1000-120-72	1000	24	16	120/72	68	Yes	166	105 X 51	12	8	NO
	S-40	Single Action	Danly	U4-1000-120-72	1000	24	16	120/72	68	No	N/A	N/A	N/A	8	NO
	S-50	Single Action	Danly	U4-1000-120-72	1000	24	16	120/72	68	No	N/A	N/A	N/A	8	NO
	S-60	Single Action	Danly	U4-800-124-84	800	24	12 - 16	124/84	68	No	N/A	N/A	N/A	8	NO
	S-70	Single Action	Danly	U4-800-124-84	800	24	12 - 16	124/84	68	No	N/A	N/A	N/A	8	NO

NUMBER	TYPE	MANUFACTURER	MODEL	TONNAGE	SLIDE STROKE	STROKES PER MINUTE	BED SIZE	SHUT HEIGHT (to bed of press)	Adaptor	CUSHIONS	CUSHION TONNAGE	CUSHION SIZE (Bed Opening)	CUSHION STROKE
LINE T	T-20	Single Action	Danly	U4-800-124-84	800	24	12 - 16	124/84		Yes	20/240 max @ 2000lbs	105 x 62	8
	T-30	Single Action	Verson	SE4-300-120-72T	300	32	20 - 25	120/72		No	N/A	N/A	N/A
	T-40	Single Action	Verson	SE4-300-120-72T	300	32	20 - 25	120/72		No	N/A	N/A	N/A
	T-50	Single Action	Verson	SE4-300-120-72T	300	32	20 - 25	120/72		No	N/A	N/A	N/A
	T-60	Single Action	Verson	SE4-300-120-72T	300	32	20 - 25	120/72		No	N/A	N/A	N/A
T-70	Single Action	Verson	SE4-300-120-72T	300	32	20 - 25	120/72		No	N/A	N/A	N/A	
LINE W	W-10	Double Action	Danly	DU4-1000-108-72	1000/600	33/23	12	108/72		No	N/A	N/A	N/A
	W-20	Single Action	Clearing	S4-1000-108-72	1000	20	20	108/72	60	Yes	166	47 1/2 x 45	10
	W-30	Single Action	Clearing	S4-1000-108-72	1000	20	20	108/72	60	No	N/A	N/A	N/A
	W-40	Single Action	Clearing	S4-1000-108-72	1000	20	20	108/72	60	No	N/A	N/A	N/A
	W-50	Single Action	Clearing	S4-1000-108-72	1000	20	20	108/72	60	No	N/A	N/A	N/A
	W-60	Single Action	Clearing	S4-1000-108-72	1000	20	20	108/72	60	No	N/A	N/A	N/A
W-70*	Single Action	Clearing	S4-1000-108-72	1000	20	20	108/72	60	60	No	N/A	N/A	N/A
*FEEDER SYSTEM/DECOILER													
LINE X	X-10	Double Action	Danly	DU4-1000-144-96	1000/600	36/27	7 1/2 - 15	144/96		No	N/A	N/A	N/A
	X-20	Single Action	Danly	S4-1000-120-84	1000	24	16	120/84		Yes	166	105 X 63	
	X-30	Single Action	Danly	U4-800-124-84	800	24	12 -26	124/84		No	N/A	N/A	N/A
	X-40	Single Action	Danly	U4-800-124-84	800	24	12 -26	124/84		No	N/A	N/A	N/A
	X-50	Single Action	Danly	U4-800-124-84	800	24	12 -26	124/84		No	N/A	N/A	N/A
	X-60	Single Action	Danly	U4-800-124-84	800	24	12 -26	124/84		No	N/A	N/A	N/A
LINE Y	Y-20	Single Action	Danly	SU4-1000-144-96	1000	24	16	144/96		Yes	166	129 X 75	10
	Y-30	Single Action	Danly	SU4-1000-144-96	1000	24	16	144/96		No	N/A	N/A	N/A
	Y-40	Single Action	Danly	SU4-1000-144-96	1000	24	16	144/96		No	N/A	N/A	N/A
	Y-50	Single Action	Danly	SU4-1000-144-96	1000	24	16	144/96		No	N/A	N/A	N/A
	Y-60	Single Action	Clearing	S4-800-156-72	800	36	12	156/72		No	N/A	N/A	N/A
	Y-70	Single Action	Clearing	F-2350-132	350	24	10	132/84		No	N/A	N/A	N/A
LINE Z	Z-10	Double Action	Danly	DU4-2000-1250-180-96	2000/1250	36/27	12	180/96		No	N/A	N/A	N/A
	Z-20*	Single Action	Danly	U4-1000-180-96	1000	24	16	180/96		Yes	187	165 1/4 X 71 1/4	N/A
	Z-30*	Single Action	Danly	U4-1000-180-96	1000	24	16	180/96		Yes	187	165 1/4 X 71 1/4	N/A
	Z-20*	Single Action	Danly	U4-1000-180-96	1000	24	16	180/96		Yes	187	165 1/4 X 71 1/4	N/A
	Z-30*	Single Action	Danly	U4-1000-180-96	1000	24	16	180/96		Yes	187	165 1/4 X 71 1/4	N/A
	Z-60	Single Action	Danly	SU4-1000-180-96	1000	30	14	180/96		No	N/A	N/A	N/A
	Z-70	Single Action	Clearing	S4-800-156-72	800	36	12	156/72		No	N/A	N/A	N/A
*CUSHION IS UNUSABLE DUE TO TRACKS													
09	09	Gap Frame	Minster	10-7	71	4	80	36/24		15	No	N/A	N/A
10	10	Gap Frame	Minster	10-7	71	4	80	36/24		15	No	N/A	N/A
14	14	Power Shear	Cincinnati	1808				12 FT		Cap.	No	N/A	N/A
31	31	Brake	Chicago	56A				4 FT		Ga.	No	N/A	N/A
HYDRAULIC PRESSES													
NUMBER	TYPE	MANUFACTURER	MODEL	TONNAGE	SLIDE STROKE		SIZE	DAYLIGHT		SHUT HEIGHT	CUSHION		CUSHION STROKE
A-20	Double Action Hydraulic	Macrodyne		1500	60		156/96	108	60	48	Yes -Locking		12
HEM1	Single Action Hydraulic	Clearing	H-400-96-108	400			108/96	96	30	66	No		

CLYDE STAMPING FACILITY

NUMBER	TYPE	MANUFACTURER	MODEL	TONNAGE	SLIDE STROKE	SIZE	DAYLIGHT	SHUT HEIGHT	CUSHION	CUSHION STROKE	CUSHION TONNAGE
LS-10	Triple Action Hydraulic	Macrodyne		1600/900		180/96	127/104	88/65	39/39	Yes	500
LS-20	Single Action Hydraulic	Macrodyne		1250		180/96	120	70	50	No	N/A
LS-30	Single Action Hydraulic	Macrodyne		1250		180/96	120	70	50	No	N/A
LS-40	Single Action Hydraulic	Macrodyne		1250		180/96	120	70	50	No	N/A
LS-50	Single Action Hydraulic	Macrodyne		1250		180/96	120	70	50	No	N/A

FEED EQUIPMENT

EQUIPMENT NUMBER	TYPE	MANUFACTURER	MANUFACTURERS CAPACITY	GAUGE	LOCATION
DC 1	Coil Reel	Paxton	20,000 Cap		Floater
FR 1	Pinch Roll Feed	Paxton	72" Cap.		Floater
DC 2	Coil Reel	Paxton	20,000 Cap.		Floater
FR2	Pinch Roll Feed	Paxton	60" Cap.		Floater
DC 3	Coil Reel	Coe	10,000 Cap.	0.09	H-30
FR 4	Air Feed W/Leveler	Coe	30" Cap.		H-30
	Pinch Roll Feed	Paxton	60" Cap.		
DC 5	Coil Reel	Coe	10,000 Cap.	0.09	H-20
FR 5	Air Feed W/Leveler	Coe	36" Cap.		H-20
DC 6	Coil Reel	Coe	30,000 Cap.	0.09	W-70
FR 6	Air Feed W/Leveler	Coe	60" Cap.		W-70
DC 7	Coil Reel	McKay	50,000 Cap.	0.09	AB-1
FR 7	Flex Roller/Washer	McKay	84" Cap.		AB-1
	Straightened/Feeder	McKay	84" x .090 Cap.		
DC8	Coil Reel	McKay		0.09	C-20
FR8					C-20

CONVEYORS

SC 2 A	A-Line
SC 2 B	B-Line
SC 2 C	C-Line
SS 2 F	F-Line
SC 2 CN	North Crossover
SC 2 CS	South Crossover
SC 2 SH	Plant 2
SS 3 ZN	North Z-Line
SS 3 ZS	South Z-Line
SS 3 YN	North Y-Line
SS 3 YS	South Y-Line
SS 3 XN	North X-Line
SS 3 XS	South X-Line
SS 3 WN	North W-Line
SS 3 WS	South W-Line
SS 3 S	S-Line
SC 3 CW	West Crossover
SS 3 CW	West Crossover
SC 3 CE	East Crossover
SC 3 CS	South Crossover
SC 3 SH	Plant 3

OVERHEAD CRANES

CRANE	MANUFACTURER	TONNAGE	LOCATION
C-04	Grand Traverse	60	North Crane Bay
C-04	Grand Traverse	10	North Crane Bay
C-05	Progressive	10	Die Maint Area Plt 2
C-06	P & H	50/5	Die Building 2
C-07	P & H	50	A,B,C Line
C-07	P & H	10	A,B,C Line
C-08	Shepard Niles	55	Y-Z Line
C-10	Whiting	60	Die Storage Building 1
C-12	Coffing	1	Plant Maintenance
C-14	Shepard Niles	30/5	X-Line
C-15	Coffing	1	Die Maint Area Plt 1
C-16	P & H	3	Battery Charging North
C-17	Whiting	60	North Crane Bay
C-18	Whiting	25	Blanking Bldg Plt 2
C-19	Robins & Myers	3	Plt 3 Battery Charging
C-21	Whiting	50	Die Building 3
C-22	P & H	50	Die Building 4
C-23	Harrington	2	Battery Charging 3
C-24	P & H	10	Vehicle Maintenance
C-25	Yale	3	Vehicle Maintenance

WELD STATIONS

WELD STATION	PLANT LOCATION	PROCESS CAPABILITY	DESCRIPTION
CWS01	Clyde	3 guns	Manual Weld Cell
CWS02	Clyde	2 guns	Manual Weld Cell
CWS03	Clyde	2 guns	Manual Weld Cell
WS06	1	3 guns	Manual Weld Cell
WS08	Portable	2 gun	Manual Weld Cell
WS10	Portable	1 gun	Manual Weld Cell
WS11	Portable	1 gun	Manual Weld Cell
WS13	2	3 guns	Manual Weld Cell
WS14	1	3 guns	Manual Weld Cell
WS15	3	3 guns	Manual Weld Cell
WS16	2	3 guns	Manual Weld Cell
WS17	3	3 guns	Manual Weld Cell
WS18	3	2 guns	Manual Weld Cell
WS19	Portable	1 gun	Manual Weld Cell
WS21	Portable	1 gun	Manual Weld Cell
WS22	Portable	2 guns	Manual Weld Cell
WS26	3	3 guns	Manual Weld Cell
WS27	3	3 guns	Manual Weld Cell

PED WELD STATIONS

WELD STATION	PLANT LOCATION	PROCESS CAPABILITY	DESCRIPTION
PED10	Portable	stud/nut welding	Ped Welder
PED50	2	stud/nut welding	Manual Weld Cell
PED90	2	stud/nut welding	Manual Weld Cell
PW120	Portable	stud/nut welding	Manual Weld Cell
PW130	Portable	stud/nut welding	Manual Weld Cell

AUTOMATED PROCESSING

STATION	PLANT LOCATION	PROCESS CAPABILITY	DESCRIPTION
RS1	2	3 guns	Robotic Weld Cell
RS2	3	3 guns	Robotic Weld Cell
RS3	2	3 guns	Robotic Weld Cell
RS4	2	2 guns	Robotic Weld Cell
RS5	2	stud/nut welding	Robotic Ped Weld Cell
CRS1	Clyde	3 guns	Robotic Weld Cell
CRH1	Clyde	2 hem rollers	Robotic Hem Cell
RH3	3	2 hem rollers	Robotic Hem Cell
RS7	5	2 screw drivers	Robotic Screw Driver
RF-1	3	1 rivet gun	Robotic Rivet Cell
RF-2	3	1 rivet gun	Robotic Rivet Cell
RA-1	5	Multi-component adhesive	Robotic Adhesive Cell
RA-2	2	Multi-component adhesive	Robotic Adhesive Cell
RA-3	2	Multi-component adhesive	Robotic Adhesive Cell
RA-4	3	Multi-component adhesive	Robotic Adhesive Cell
RA-5	3	Multi-component adhesive	Robotic Adhesive Cell
RA-6	3	Multi-component adhesive	Robotic Adhesive Cell