



2867 NATIONWIDE PARKWAY, BRUNSWICK, OHIO 44212 TEL: 330-225-8336 FAX: 330-225-6015

STAMPING EQUIPMENT SPECIFICATIONS																	
W/C	QTY	TONS	MANUFACTURER	TYPE	SHUT HEIGHT	STROKE	SPM	BOLSTER		RAM			FEED LINE	FEED CAPACITY	COIL SPECS		
								L-R	F-B	L-R	F-B	ADJ			ID	OD	WT=LBS.
P60A	1	600	Minster('93)	SS	24 - 30"	16"	0 - 50	120"	54"	120"	54"	6"	12 - 20"	32" X Coil	20-24	72"	20,000
S60B	1	600	Verson	SS	14 - 24"	12"	20	108"	60"	108"	60"	10"	N/A	N/A	N/A	N/A	N/A
S50A	1	500	Verson	SS	19 - 29"	16"	13 - 39	120"	66"	120"	66"	10"	N/A	N/A	N/A	N/A	N/A
P33A	1	330	Niagara ('99)	SS	14 - 25 1/4"	8"	35 - 70	84"	48"	84"	48"	11"	6 - 16"	24" X Coil	16-24"	60"	10,000
P25A	1	250	Niagara	SS	19 - 30"	6"	20 - 60	84"	60"	84"	60"	12"	10 - 16 1/2"	18" X Coil	16-24"	60"	6,000
P22A	1	220	Sutherland ('98)	GAP	13 1/2 - 17 1/2"	9"	25 - 45	55"	33"	34"	26"	4"	N/A	N/A	N/A	N/A	N/A
P20B	2	200	Minster	SS	16 1/2 - 26 1/2"	12"	20 - 30	60"	36"	60"	36"	10"	N/A	N/A	N/A	N/A	N/A
P15C	1	150	Verson	GAP	11 1/4 - 17 1/4"	10"	35	48"	33"	42"	30"	6"	N/A	N/A	N/A	N/A	N/A
P15A	1	150	Niagara ('95)	SS	10 1/2 - 19 1/2"	8"	30 - 60	72"	42"	72"	42"	9"	9 - 12 1/2"	22" X Coil	16-20"	60"	6,000
P15B	1	150	Minster (2000)	SS	13 - 17"	6"	10 - 120	60"	40"	60"	23"	4"	8 - 14"	14" X Coil	16-20"	60"	6,000
P10A	1	100	Minster ('97)	SS	11 - 15"	5"	10 - 160	48"	31"	43"	18"	4"	8 - 13"	12" X Coil	Pallet		5,000
P10B	1	100	Niagara	SS	7 1/2 - 14 1/2"	6"	30 - 90	48"	30"	48"	30"	7"	9 - 13"	12" X Coil	Pallet		5,000
P06A	1	60	Bliss	GAP	8 1/2 - 11 1/2"	4"	45 - 250	32"	21"	17"	12"	3"	5 - 11"	6" X Coil	16-20"	48"	2,500
P03A	1	32	Federal	GAP	6 1/2 - 8 1/2"	3"	80 - 240	24"	15"	15"	12"	2"	N/A	N/A	N/A	N/A	N/A

FEED EQUIPMENT SPECIFICATIONS																
PUNCH PRESS				FEED					STRAIGHTENER				REEL			
W/C	TONS	BRAND	TYPE	BRAND	TYPE	T	W	L	BRAND	TYPE	T	W	BRAND	ID	OD	WT=LBS.
P60A	600	Minster	SS	MINSTER	SERVO	.312"	32"	Coil	MINSTER	ELEC./AIR	.312"	32"	MINSTER	20-24"	72"	20,000
P33A	330	Niagara	SS	COE	SERVO	.125"	24"	Coil	COE	ELEC./AIR	.250"	24"	COE	16-24"	60"	10,000
P25A	250	Niagara	SS	VAMCO	SERVO	.250"	24"	Coil	LITTELL	ELEC./AIR	.250"	18"	LITTELL	16-24"	60"	6,000
P15A	150	Niagara	SS	CWP	SERVO	.250"	24"	Coil	CWP	ELEC./AIR	.187"	24"	CWP	16-20"	60"	6,000
P15B	150	Minster	SS	MINSTER	SERVO	.156"	14"	Coil	MINSTER	ELEC./AIR	.240"	14"	MINSTER	16-20"	60"	6,000
P10A	100	Minster	SS	CWP	SERVO	.156"	12"	Coil	CWP	ELEC./AIR	.125"	12"	AWC	Pallet		5,000
P10B	100	Niagara	SS	VAMCO	SERVO	.125"	12"	Coil	CWP	ELEC./AIR	.125"	12"	AWC	Pallet		5,000
P06A	60	Bliss	GAP	VAMCO	SERVO	.125"	6"	Coil	LITTELL	ELEC./AIR	.030"	12"	LITTELL	16-20"	48"	2,500

VALUE ADDED EQUIPMENT SPECIFICATIONS						
EQUIPMENT			DESCRIPTION			CAPACITY
W/C	MODEL	BRAND				
SFL1		VIBE-TECH	VIBRATORY DEBURR W/ RUST INHIBITOR & COBB DRYER			60' DIAMETER
SFL2		VIBE-TECH	VIBRATORY DEBURR W/ RUST INHIBITOR & COBB DRYER			48' DIAMETER
SORBIT	B-750A	ORBITFORM	ORBITAL RIVOTING MACCHINE			0.75
PROJW	ERB-204-100	TAYLOR WINFIELD	PROJECTION WELDER			N/A

SS = Straight Side Press

GAP = GAP Press





TOOL ROOM EQUIPMENT

Wire Electrical Discharge Machines

- | | | |
|---|-------|--------------|
| 2 | Fanuc | 23 x 31 x 12 |
|---|-------|--------------|

Grinding Equipment

- | | | |
|---|-------------------------|---------|
| G | Okamoto Wet Grinder | 6 x 32 |
| 1 | Okamoto Wet Grinder | 12 x 24 |
| 3 | Harig Ball Bearing Ways | 6 x 18 |
| 1 | Acer Ball Bearing Ways | 6 x 18 |
| 1 | Harig Ball Bearing Ways | 6 x 12 |

Milling Equipment

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|---|--|--------------|
| G | Haas VF3 Vertical Mach. Ctr. | |
| 1 | SWI 3-Axis CNC Pro Trakk5 | 20 x 40 x 20 |
| 6 | Bridgeport Vertical Mill
w/ B & L Digital Readout | |
| 1 | Cincinnati CNC Mill - 10V-125 | 28 x 54 x 21 |

Drilling Equipment

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|---|---------------|---------------|
| 1 | Ikeda Radial | 60 Arm |
| 1 | South Bend w/ | 30 x 50 Table |

Turning Equipment

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|---|---------------------------|---------|
| 1 | Haas SL-20 Turning Center | |
| 1 | Lablond Lathe | 14 x 48 |

Sawing Equipment

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|---|------------------------|---------|
| 1 | Powermatic Band Saw | |
| 1 | W.F. Wells Cut Off Saw | 12 x 18 |

Miscellaneous Equipment

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|---|-----------------------------|---------|
| 1 | Sunnen Hone | |
| 1 | Trin-Mac Glass Bead Blaster | |
| 1 | Dake Hydraulic Arbor Press | 50 tons |

Handling Equipment

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|---|-----------------------|-------------|
| 1 | Overhead Bridge Crane | 4 tons |
| 1 | Overhead Bridge Crane | 5 tons |
| 1 | Overhead Bridge Crane | 10 tons |
| 4 | CAT Lift Truck | 5,000 lbs. |
| 1 | CAT Lift Truck | 10,000 lbs. |
| 1 | CAT Lift Truck | 20,000 lbs. |
| 1 | CAT Lift Truck | 30,000 lbs. |

Delivery Trucks

- | | | |
|---|--------------------------------|------|
| 1 | GMC Savana Cargo Van | 2003 |
| 1 | International 2 1/2' box truck | |

Engineering

- | | |
|---|---|
| 3 | Modeling Workstations |
| 2 | CAD Workstations
Autodesk Inventor Modeling Software w/ integrated
CNC programming software |

Measuring Equipment

- | | | |
|----|--|--------------------|
| 1 | Browne & Sharpe Coordinate Measuring Machine -
IMAGE with DCC Probe | 21 x 30 x 16 Table |
| 12 | Measurelink Online SPC Data Collection Stations | |
| 1 | Micro-Vu Comparator - 14" Dia. | |

EDI

- | | |
|---|-----------------|
| 2 | EDI Translators |
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