



METKO PRODUCTION MACHINES



<u>MANUFACTURING / MODEL</u>	<u>SIZE / WATTAGE / TONNAGE</u>	<u>DESCRIPTION</u>
LASERS		
AMADA FOL 3014AJ (FIBER OPTIC) WITH AUTOMATION / OVS / NOZZLE CHANGER	60" X 120" - 4000 Watt	Max. Thickness: Mild Steel / Stainless Steel / Galvanized 7Ga. Max. Thickness of Exotic Metals: Copper / Brass / Titanium .3125"
AMADA LC F1NT (CO ₂) WITH AUTOMATION / OVS / NOZZLE CHANGER	60" X 120" - 6000 Watt	Max. Cutting Thickness: Mild Steel Asst. Gas: N ₂ - .250", O ₂ - 1.125" SS / Aluminum Asst. Gas: N ₂ - .750" Galvanized Asst. Gas: N ₂ - .165"
CINCINNATI CL5 (CO ₂) LASER w/DUAL TABLES/NON CONTACT HEAD/PROBE	49.25" X 53" - 1700 Watt	Max. Thickness Mild Steel .250"
NITROGEN GENERATOR	99.95% Purity	Oxide Free Part Edges (Holes & Perimeter) / Excellent Painted Adhesion
PUNCHING		
AMADA AC 255NT / 45 STATIONS / 4 AUTO-INDEX STATIONS/BRUSH TABLE	10 GA. - 50" X 100" - 22 Ton	Max. Thickness: Mild Steel / SS / Aluminum / Galv 10 Ga. 50" x 50"
AMADA KING 345 / 44 STATIONS / w/WORK CHUTE / 2 AUTO-INDEX STAT.	.250" - 39.37" X 100" - 33 Ton	Max. Thickness: Mild Steel / Aluminum .250" 39" x 50" Stainless Steel 10 Ga. 39" x 50" Galvanized 8 Ga. 39" x 50"
AMADA VIPROS KING 2510/ 31 STATIONS w/AUTO-INDEX STATIONS/BRUSH TABLE	10 Ga. - 50" X 120" - 22 Ton	Mild Thickness: Mild Steel / SS / Aluminum / Galv. 10 Ga. 50" x 98"
FORMING		
AMADA HG8025	8' - 80 Ton - 10" Stroke	Max. Capacity: Mild Steel .250" x 5' / Stainless Steel 10 Ga. X 7' / Aluminum .250" x 7'
CINCINNATI AUTOFORM 175AF w/AUTO CROWN / 6 AXIS BACKGAGE	12' - 175 Ton - 16" Stroke	Max. Capacity: Mild Steel .250" x 10' / Stainless Steel 10 Ga. X 10' / Aluminum .250" x 10'
CINCINNATI AUTOFORM 90AF w/AUTO CROWN / 6 AXIS BACKGAGE	8' - 90 Ton - 14" Stroke	Max. Capacity: Mild Steel .250" x 5' / Stainless Steel 10 Ga. X 7' / Aluminum .250" x 7'
CINCINNATI FORM MASTER 90 FM II w/4 AXIS BACKGAGE	8' - 90 Ton - 14" Stroke	Max. Capacity: Mild Steel .250" x 5' / Stainless Steel 10 Ga. X 7'
ATEK AIR BRAKE - 2 AXIS	2' - 42 Ton - 12" Stroke	
WELDING		
PANASONIC ROBOTIC PERFORM ARC WELDER		
- PA-112S	6 Axis w/Touch Sensing	6' Rotating Table / Water Cooled / Auto Nozzle Reamer / Wire Trimmer
- PA-750S	6 Axis w/Touch Sensing	6' Rotating Table / Air Cooled / Auto Nozzle Reamer / Wire Trimmer
HAND WELDING		
	1 - Lincoln SP 135 Plus	
	5 - Miller Access 300 Inverter Programmable Mig Welder - Dual Feed 3	
	1 - Miller Access 450 Inverter Programmable Mig Welder - Dual Feed 1	
	1 - Miller 350P Aluminum Portable Wire Welder	
	7 - Miller Dynasty Tig Welders (1 - 200 / 2 - 300 / 2 - 350)	
	2 - Miller Matic 135's Portable Wire Welder .023" to .035" 110 volt	
	1 - Miller CP 200 Wire Welder .035" to .045" Core Wire	
SPOT WELDER		
	Banner 50 KVA w/30" Throat 10 Ga. Max. Digital Controls WT100	
	Banner 75 KVA w/30" Throat 1/4" Max.w/Programmable Controls 1AP75A-18 Press Type Welder	
	Banner 15KVA w/12" Throat - 10 Ga. Max. Unitrol Solution 918OL - 600EZ Controls	

JANDA LONGITUDINAL SEAM WELDER	36" Full Throat	Medar 1000 amp Inverter Control 250 KVA Inverter Transformer
JANDA CIRCUMFERENTIAL SEAM WELDER	2" Radius Corners	Medar 1000 amp Inverter Control 250 KVA Inverter Transformer
	Thickness Range - Shell: 12, 14, 15 Ga. X 60" to 18 Ga. X 36" / Heads: 12, 14, 16, 18	
POSITIONERS	1 - Prostar 1,000 lbs. Capacity / 1 - Positioner 500 lb. Capacity	
HYPERTERM PLASMA CUTTER POWER MAX. 380 / NELSON STUD WELDER NCD 100 - Both up to 1/4" Capacity		
TANK / RESERVOIR - LEAK DETECTION		
2 WATER SUBMURGABLE TEST TANKS	400 Gal. / 800 Gal.	w/Overflow / Filter System / Hydraulic Ram Rust inhibitor to prevent rust.
FLUSHING		
HOTSY HOT WATER PRESSURE WASHER	4 Gal. @ 1900 PSI	Oil Mist Afterwards
PARTICLE COUNTER		
PARTICLE COUNTER	Test to various ISO codes (i.e. 20/18/13)	Oil Mist Afterwards
HARDWARE INSERTION		
HAEGER 824 WINDOW TOUCH	24" Throat - 8 Ton	PC Control / Single Bowl - Automatic Feed Inserts: Nuts, Studs, Standoffs, & Specials
HAEGER 612 PORTABLE UNIT	12" Throat - 6 Ton	Single Bowl - Manual Feed Inserts: Nuts, Studs, Standoffs, & Specials
MISC.		
MG - 4 ROLL / PROGRAMMABLE	7 Ga. - 60" Roll	PC Control / Various Multi-Crown Rolls
ACF CORNER FORMER MULTIFLEX	.250" - 2" Radius	Other radius available, upon request. Mild Steel & Galvanized 12 Ga. / SS 16 Ga. / Aluminum .125"
2 MECCO MC2000 ENGRAVERS	1" x 4" / Max. 4 Rows	Programmable / Sequential / Pin Etcher
ROSCAMAT MODEL 400 TAPPING	4-40 up to .750" / 40" Reach	Flexible Arm
WILTON TAPPING	4-40 up to .250" / 32" Reach	Flexible Arm
WILTON VSG 20 DRILL PRESS		Variable Speeds
FINISHING		
BELT GRINDERS / ORBITAL SANDERS / BELT SANDERS / SOFT WHEEL		
SCALE / WRAPPING STATION		
LANTEC SPX MODEL 675		Max. Capacity: 4000 LBS.
INSPECTION EQUIPMENT - Calibrated Annually		
AMADA FABRIVISION	PC Control / VIRTEK Scanner Ver. 6.0 48" Table / Parts 2" thick x 48" 200 lb.	
PLUG GAUGE	.0625" - 1"	
VERSA GAUGES / DIGITAL CALIPERS / HEIGHT GAUGE / PLUG GAUGE/ DIGITAL PROTRACTOR / CALIPERS / MISC.		
COMPUTER SOFTWARE PROGRAMS		
GLOBAL SHOP - ERP SYSTEM	Multi User - Manufacturing Software / Running on 3 Host HP DL360P Gen 8 Server / with 8 TBS SAS Running VM Ware with 8 Server 2012 / Virtual Servers, along with Automatic Offsite VEEAM Backup / Climate controlled computer room give us maximum "up times" with quick response to any disaster.	
SIGMANEST NESTING SOFTWARE		
SOLIDWORKS 3D MODELING		
SOLIDWORKS EDPM (VAULT)		
MAIN SERVER / TS THIN CLIENT BASE		
WORK STATION DISPLAYS	Prints, Work Orders, Work Instructions, Pictures, Assembly Drawings	