

# MANUFACTURING EQUIPMENT/ FACILITIES

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## ABBREVIATIONS

OBI = Open Back Inclinable  
PAI = PA Industries, Inc.  
RAC = Rapid Air Corp.

DTC = Durant Tool Company  
CWP = Cooper-Weymouth-Peterson  
PRE = Press Room Equipment



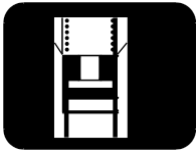
## OBI PUNCH PRESSES

- (2) 20 Ton Havir OBI
- (1) 25 Ton Niagara OBI
- (1) 35 Ton Niagara OBI
- (1) 45 Ton Bliss OBI
  - CWP model 600M motorized uncoiler, 600 lb. max, 10" max width
  - PAI model BFCX6 air feed, .004"-.075" material thickness, 6" max width
- (1) 75 Ton Niagara OBI
  - CWP model 2 RM motorized uncoiler, 1600 lb. max, 18" max width
  - PRE model R212PR straightener-pull thru, .125" max thickness, 12" max width
  - PRE cabletrol air feed S25-12X18R, 12" width .125" max thickness
- (2) 75 Ton Feracute OBI
- (1) 88 Ton Niagara OBI
  - Equipped with die cushion 12" pin pad, 4" draw
- (1) 110 Ton Niagara OBI
  - Equipped with Forward Ind. nitrogen die cushion, 12" pin pad, 3" draw
- (1) 150 Ton Cleveland OBI
  - Feedlease model #PR-46A-18 uncoiler, 6000 lb. max, 18" max width
  - PRE model PRHD15 motorized straightner .025 - .180" thickness, 15" max width
  - PRE cabletrol air feed S32-18X18R, 18" max width, .171" max thickness



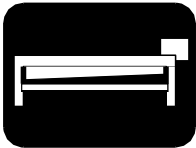
## STRAIGHT SIDE PUNCH PRESSES

- (1) 150 Ton Verson model #C2-150 48" x 42" bolster
  - CWP model 4R-18 uncoiler 8000 lb. max, 18" max width
  - CWP model 18C motorized straightener .180" thickness, 18" max width
  - CWP model SMX-18 servo feed .125" thickness, 18" max width
- (1) 150 Ton Minster "Piece Maker" Model P2-1150-54. 54" x 40" bed plate and bolster
  - With air cushion, Rowe uncoiler, Rowe straightener
  - PRE model NS25 12X18R air feed .156 thickness, 12" max. width
- (1) 200 Ton Warco model 200-2-72 38" X 72" bed plate and bolster



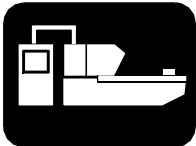
## HYDRAULIC PUNCH PRESSES

- (1) 75 Ton Elmes



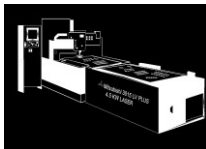
## SHEAR

- (1) 2005 Strippit / LVD MVS-TS 25/10 squaring shear, ¼" mild steel capacity, cutting length of 10' with optimal sheet support.



## TURRET PUNCH PRESSES

- (1) 2005 Strippit ST1212 CNC turret press, 20 ton, 26 stations with 3 auto-index stations. 50 x 50 brush table before reposition, Fanuc control.
- (1) 1999 Strippit FC 1000H CNC turret press, 33 ton, 40 stations with (2) auto-index stations. 40" x 49" table travel before reposition, Fanuc OP control.
- (1) 2000 Strippit 1000 MXP CNC turret press, 33 ton, 40 stations with (3) auto-index stations. 40" x 49" table travel before reposition



## LASER

- (1) 2010 Mitsubishi 3015 LVPlus 11-45CR-R, 5x10 4500 Watt Co2 Laser Cutting System, with LS1+N Diamond Soft Software.



## **PRESS BRAKES**

- (1) Cincinnati 90PF6 Proform, 90 ton, 8' bed, CNC, single axis back gauging
- (1) Cincinnati 90FMII8 Form Master II, 90 ton, 10' bed, CNC, single axis back gauging
- (1) Cincinnati 175FMII8 Form Master II, 175 Ton, 10' bed, CNC, single axis back gauging
- (1) Cincinnati 175PF10 Pro Form, 175 Ton, 12' bed, CNC, single axis back gauging w/ power clamping & Autocrown
- (1) Cincinnati 235 PF10 Pro Form, 235 Ton, 12' bed, CNC, 5 axis back gauging w/ CNC Crownable Filler Block



## **DRILLING- CUTTING- MACHINE EQUIPMENT**

- (2) General purpose drill presses
- (1) Drill press with Proconier tapping head
- (1) Abrasive cutoff saw



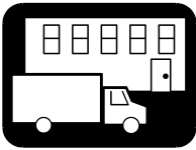
## **WELDING- SANDING- DEBURRING EQUIPMENT**

- (2) 30 KVA rocker arm spot welders
- (1) Hand held spot welding gun (75 KVA).
- (1) 40 KVA rocker arm spot welder
- (2) 75 KVA rocker arm spot welders
- (1) 75 KVA Progressive press action spot welder
- (1) 200 KVA Progressive press action spot welder
- (4) Lincoln Mig welders
- (1) Portable Line Mig welder
- (3) Lincoln Tig welder
- (1) Lincoln Arc welder
- (1) Erico Jones PW800 stud welder
- (3) Pemsarter PS-4 6 ton capacity
- (1) Ekstrom Carlson 6" X 105" horizontal belt sander
- (1) Curtis 10' stroke sander with adjustable table
- (1) Progress Machine PMC-202-6 stroke sander
- (1) Roto Finish Gemini HR-17 SPT Spiratron Deburring Tumbler
- (1) Roto Finish Gemini 700 Spiratron Parts Dryer Tumbler
- (1) Falls River Model 131 D-BUR-R metal edge deburring and conditioning machine
- (1) Empire enclosed sandblasting booth
- (1) Browne & Sharpe surface grinder
- ( ) A variety of portable sanders, disc grinders, and misc. pneumatic hand tools



## **FINISHING- ASSEMBLY EQUIPMENT**

- (1) 530' GAT conveyORIZED 3 stage power washer and iron phosphatizing system
- (1) GAT 1.8 million BTU dry off/cure oven
- (1) Gema/Voltstatic electrostatic auto coater powder booth, opening 39"H x 24"W
- (6) Gema electrostatic automatic powder guns, w/ movers.
- (2) Manual powder booth maximum part size 24" X 72" X 32"
- (2) Deimco PW 1-2-Fano-3K Powder Collector Systems
- (1) Gema/Voltstatic cyclone
- (2) Gema Optiflex B manual powder systems
- (1) Farr/Tenkay dust collector
- (4) Assembly bench areas
- (1) National Controls model 5835 counting scale
- (1) Chicago #915 manual riveter
- (1) Chicago #912 automatic rivet setting machines
- (1) Singleton Corrosion Test Cabinet, Model # 22-30315
- (1) Avery Weight-Tronix pallet weigh scale



## **OTHER GENERAL INFORMATION**

- (3) Manufacturing facilities for a combined 62,000 square feet
- (1) 2008 Chevrolet Pickup, 4x4, ¾ ton Heavy Duty
- (1) 2010 International 28' Diesel Delivery Truck
- (1) 2012 International 20' Delivery Truck
- (3) Toyota fork trucks, 6000, 4000, & 3000 lb.
- (3) Hand pallet trucks
- (3) Toyota electric hand pallet trucks
- (2) Engineering Software AutoCad 2011 w/Striker Systems 2011  
SS Design, SS 3D Unfold and SS Punch
- (2) Solid Works 2016 3 Dimensional Solid Modeling