#### **NATIONAL HEADERS AND BOLTMAKERS**

- **1/2"** National 4-Die Long Stroke Progressive Header; s/n 28063, 1/2" Cutoff Diameter, 8" Shank Length, 9-3/4" Cutoff Length, 75 PPM, Equipped with Bushing Cutoff, PKO, 50HP, 8-Roll 2-Plane Straightener
- **1/2"** National 4-Die Long Stroke Boltmaker; s/n 28070 (Built 1976), 1/2" Cutoff Diameter, 8" Shank Length, 9-3/4" Cutoff Length, 75 PPM, Equipped with Bushing Cutoff, PKO, 8-Roll 2-Plane Straight \*\*Note: Was Being Used as Progressive Header Some Parts For Pointer / Threader Missing \*\*
- **3/8"** National 4-Die S-3 Boltmaker; s/n 29952 (Built 1984), 1/2" Cutoff Diameter Mild Steel, 3/8" Cutoff Diameter Alloy Steel, 3-3/4" Shank Length, 5" Cutoff Length, 900 KN Heading Load, 120 PPM, Equipped with Bushing Cutoff, IFO Transfer, Pneumatic Feed Roller Clamping, 30 HP \*\*Note: Was Being Used as Progressive Header Some Parts For Pointer / Threader Missing\*\*
- **3/8"** National 4-Die Boltmaker; s/n 27733, 3/8" Cutoff Diameter, 3-1/2" Shank Length, 4-3/4" Cutoff Length, 85 PPM, Equipped with Bushing Cutoff, IFO Transfer, Trimming, 25 HP \*\*Note: Was Being Used as Progressive Header Some Parts For Pointer / Threader Missing\*\*
- **5/16"** National High Speed DSSD Cold Header; s/n 32861, 5/16" Cutoff Diameter, 1-1/2" Shank Length, 2-3/4" Cutoff Length, 250 PPM, Bushing Cutoff \*\*Note Cutter Arm In Need of Repair\*
- **3/8" National Model 68 High Speed Medium Stroke DSSD Cold Header;** s/n 34909, 1/2" Cutoff Diameter Mild Steel, 3/8" Cutoff Diameter Alloy Steel, 3" Shank Length, 4-1/2" Cutoff Length, 200 PPM, Equipped with Bushing Cutoff, PKO
- (2) 3/8" National Model 68 High Speed Medium Stroke DSSD Cold Headers; s/n 34922 and 34966, 1/2" Cutoff Diameter Mild Steel, 3/8" Cutoff Diameter Alloy Steel, 3" Shank Length, 4-1/2" Cutoff Length, 200 PPM, Equipped with IAC, Wiper, PKO, RKO, Bushing Cutoff

#### **ASAHI HEADERS**

- **15mm Asahi Sunac Model FA-1210 4-Die Progressive Header;** s/n 4-3-009 (Built 1992), (Upgraded From Model AQ), 15 mm Cutoff Diameter, 100 mm Shank Length, 140 mm Cutoff Length, 24 mm PKO Stroke, 200 PPM, Equipped with Bushing Cutoff, PKO, IFO Transfer, Motorized KO, Motorized Feed Adjustment, Motorized Wire Stop, Trim Capable on the 4<sup>th</sup> Die, 2-Pair Feed Rolls with Pneumatic Clamping, 2-Plane Straightener, Oil Centrifuge \*\*Note 4th Station KO Requires Replacement of Motor\*\* KO Adjustment Manual at Present
- (2) Asahi Sunac Model RH-60 2-Die 3-Blow Cold Headers; s/n 7-029 and 7-028 (Built 1989), 85 mm Cutoff Diameter, 55 mm Kickout Length, 55 mm Cutoff Length, 18 mm PKO Stroke 2nd, 12 mm PKO Stroke 3rd, 200 PPM, Equipped with Bushing Cutoff, PKO, Wiper, RKO, PD Sensor, Trim Capable \*\*Capable Fingerless Transfer\*\*

- **5/16"** Asahi Okuma Model AOT-8B 2-Die 2-Blow Cold Header; s/n 37-262 (Built 1988), 8 mm Cutoff Diameter,55 mm Shank Length, 60 mm Cutoff Length, 15 mm PKO Stroke, 250 PPM, Bushing Cutoff, PKO, Andersen Process Monitor, Transfer Fixture, 2-Speed Motor
- (2) 3/8" Asahi Okuma Model AOT-10B 2-Die 2-Blow Cold Headers; s/n 21-168 (1985), 14-150 (1982), 10 mm Cutoff Diameter, 75 mm Shank Length, 80 mm Cutoff Length, 20 mm PKO Stroke, 200 PPM, Bushing Cutoff, PKO, (1) 2-Speed Motor, (1) 3-Speed Motor
- **3/8"** Asahi Okuma Model AOL-10 Long Stroke DSSD Cold Header; s/n 6-113 (Built 1980), 3/8" Cutoff Diameter, 5-1/8" Shank Length, 5-1/2" Cutoff Length, 60-120 PPM, Equipped with Bushing Cutoff, PKO, ACVD

#### **WIRE DRAWERS**

- **1/2" RMG Model 89-2070-22 Inline Wire Drawer;** s/n 85621274, 1/2" Nominal Wire Diameter, 36" Capstan, 20 HP, 70 FPM, Roller Clamp
- **1/2" RMG Model 89-2077-67 Inline Wire Drawer;** s/n 9701405, 1/2" Nominal Wire Diameter, 36" Capstan, 20 HP, 77 FPM< Roller Clamp
- **7/16" RMG Model 78-2080-87 Inline Wire Drawer;** s/n 11834-1712, 7/16" Nominal Wire Diameter, 28" Capstan, 20 HP, 80 FPM, Roller Clamp
- **(2) 7/16" RMG Model 78-20111-87 Inline Wire Drawers;** s/n 01085284 and 06095856, 7/16" Nominal Wire Diameter, 28" Capstan, 20 HP, 111 FPM, Roller Clamp, 06095856 ACVD
- **(2) 3/8" RMG Model 67-1061-85M Inline Wire Drawers;** s/n 94043248 and 94043250, 3/8" Nominal Wire Diameter, 28" Capstan, 10 HP, 61 FPM, Roller Clamp
- **3/8" RMG Model 67-20102-67 Inline Wire Drawer;** s/n 93033037, 3/8" Nominal Wire Diameter, 28" Capstan, 20 HP, 102 FPM, Roller Clamp
- **5/16" RMG Model 56-1088-68 Inline Wire Drawer;** s/n 7113675, 5/16" Nominal Wire Diameter, 24" Capstan, 10 HP, 88 FPM, Roller Clamp
- **5/16" RMG Model 56-1086-01 Inline Wire Drawer;** s/n 110727, 5/16" Nominal Wire Diameter, 24" Capstan, 10 HP, 86 FPM

#### THREAD ROLLERS

Sanmei Model THI-12AL Thread and Form Rolling Machine; s/n 0503002, 12mm Thread / Form Rolling Diameter, 120mm Shank Length, 50mm Thread / Form Roll Length, 70mm Shan Length Above Die, 17.000 Kg Thread Roll Form Process, 15-50 PPM, No. 60 Die Pockets, 24" Vibratory Bowl, Machine is Capable of Form Rolling, Grooving, Flanging, Sphere Forming, Knurling

1" Waterbury Farrel Model No. 60 Hand Feed Flat Die Thread Roller; s/n n/a, 1" Thread Diameter, 7" Max Thread Length, 50 SPM \*\*Machine is Set Up to Feed Automatically - Equipped with EW Menn Starter System and Vibratory Bowl\*\*

**5/8" EW Menn Model GW-120H High Speed Thread Roller;** s/n 119 (Built 1989), 1/4" - 5/8" Thread Diameter, 4" Thread Length, 5-7/8" Shank Length, 55-230 PPM, Equipped with 36" Vibratory Bowl and Stand, Magnetic Exit Conveyor, Loader Conveyor

**1/2"** Waterbury Farrel Model No. 30 Sems Thread Roller; s/n n/a, 1/2" Thread Diameter, 4" Thread Length, 8" Shank Length, 80 PPM, Equipped with Pick and Place Transfer, 42" Outside Tooling Vibe Bowl, Bowl is Desiged to Feed 8" Parts and Assemble Washers to the Blanks, Magnetic Exit Conveyor, Roll Sorter

(2) 3/8" Waterbury Farrel Model No. 20 Heavy Frame Incline Thread Rollers; s/n n/a, 3/8' Thread Diameter, 3" Thread Length, 125 PPM, Upgraded EW Menn Starter System, 24" Vibratory Bowl

- Warren Model WL-1000 Loader, 7' Discharge, 12' Cubic Bin; s/n 1312215
- Osborne Loader Model 8BI-72; s/n 9903-2

**1/4" Warren Model WT-1000 High Speed Thread Roller;** s/n 068153, 1/4" Thread Diameter, 2" Thread Length, 2" Blank Length, to 1,000 PPM, Vibratory Bowl, Roll Sorter

• Warren Model WL-1000 Loader, 72" Discharge Height; s/n 0483165

**1/4"** Waterbury Farrel Model No. 10 Heavy Frame Incline Thread Roller; s/n 16300, 1/4" Thread Diameter, 2" Thread Length, 150 PPM, 21" Vibratory Bowl

• Osborne Loader Model 8BI-72; s/n 9810-1, 72" Discharge

#### **TOOLROOM MACHINERY**

Paragon Model GUS-32X60 O.D. Cylindrical Grinder w/ Drop Down I.D. Spindle

**Elox Model Astra-100S Die Sinker EDM** 

(2) Feeler Model FTL-27 Series II High Accuracy Precision Lathes

**Hardinge Model DV-59 Precision Lathe** 

**Sunnen Model MBB-1660 Precision Hone** 

#### **SUPPORT EQUIPMENT**

**250-HP Sullair Model 32/25-250L ACAC Air Compressor;** s/n 003-83978

Approx. 100-HP Sullair Air Compressor

AEC Model PINN-2-60R Central Chiller; s/n 32E0658

**5-HP Torit Model MED-3 Dust Collector**; s/n 2272348

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