



EQUIPMENT LIST

Needmore Road and Production Court Plants

Die Casting Cells – Needmore Rd.

- #1 Mueller Weingarten GDK- 630 (800 Ton)
Auto Ladle - Advance Products - SL 1500
Reciprocator - Advance Products - SR 1155
Extraction - Fanuc Robot M - 16 i
Cooling – Automated Cooling Conveyor
- #2 UBE Model 630- G (700 Ton)
Auto Ladle - Advance Products - SL 1200
Reciprocator - Advance Products - SR 0155
Extraction - Fanuc Robot M - 16 i
Cooling – Automated Cooling Conveyor
- #3 UBE UA-550-IT Series (600 Ton)
Auto Ladle - UBE Ladle BEL - 04
Reciprocator - Advanced Products - SR 1155
Extraction - Fanuc Robot M - 16 i
Cooling – Automated Cooling Conveyor
- #4 UBE 900-IT Series (900 Ton)
Auto Ladle – Ube Ladle BEL - 04
Reciprocator – Advanced Products – SR1165
Extraction – Fanuc Robot 710
Cooling – Automated Cooling Conveyor
- #5 UBE UA-550-IT Series (600 Ton)
Auto Ladle - UBE Ladle BEL - 04
Reciprocator - Fanuc Robot M - 16 i
Extraction – Fanuc Robot 710
Cooling – Automated Cooling Conveyor
- #6 UBE 900-G-II (900 Ton)
Auto Ladle – Advanced Products – SL1200
Reciprocator - Rimrock - 410
Extraction - Fanuc Robot M - 16i
Cooling – Automated Cooling Conveyor
- #7 UBE 900-IT Series (900 Ton)
Auto Ladle – Ube Ladle BEL - 04
Reciprocator – Fanuc Robot M – 16i
Extraction – Fanuc Robot 2000
Cooling – Automated Cooling Conveyor
- #8 UBE 900-IT Series (900 Ton)
Auto Ladle – Ube Ladle BEL - 04
Reciprocator – Advanced Products SR1165
Extraction – Fanuc Robot 2000
Cooling – Automated Cooling Conveyor
- #9 UBE 900-IT Series (900 Ton)
Auto Ladle – Ube Ladle BEL - 04
Reciprocator - Fanuc Robot M - 16i
Extraction – Fanuc Robot 710
Cooling – Automated Cooling Conveyor

Die Casting - Production Ct.

- #1 Reed Prentice (250 Ton)
- #2 H.P.M. Castmaster II-400-A (400 Ton)
- #3 H.P.M. Castmaster II-600-A (600 Ton)
- #4 H.P.M. Castmaster II-600-A (600 Ton)
- #5 Castmaster (600 Ton)
- #6 UBE Model 500- G (500 Ton)
Auto Ladle - UBE
- #7 B & T Hot Chamber (400 Ton)
- #8 UBE Model 350-G (400 Ton)
- #9 B & T (250 Ton)

*All die cast machines cold chamber unless noted.

Furnaces – Needmore Rd.

- 1 Gas Mac 4500 lb. per hour Tower Melter
- 8 Cal-Miser SH2700 High Efficiency Holder
- 3 Cal-Miser SH1800 High Efficiency Holder
- 6 Hi T.E.Q. 1000 lb. gas ceramic crucible

Furnaces – Production Ct.

- 1 Cal-Miser SH2700 High Efficiency Holder
- 3 400 lb. Holding Furnaces
- 5 700 lb. Holding Furnaces

Finishing Department

- 1 Goff Wire Mesh Shot Blast Finishing Machine WM 27.5
- 1 Vibratory Osrotron (6 HP)
 - Heated cob dryer
- 2 Shot Blast Wheelabrators
- 1 3 Station Fanuc Robotic Deburring cell

Secondary Operations Both Plants

Die Cast Machining for customized applications. Customer specific cells and wash room applications, including finishing, leak testing and wash systems.



2520 Needmore Road
Dayton, Ohio 45414
937-278-5769
937-278-6321 Fax
www.yoderindustries.com



EQUIPMENT LIST

Needmore Road and Production Court Plants page 2

Trim Presses – Needmore Rd.

- 1 Corsteel (30 ton)
- 2 Metal Mechanics (35 ton)
- 1 Metal Mechanics (40 ton)
- 4 Metal Mechanics (50 ton)
- 1 Will Bros. (35 ton)
- 1 Will Bros. (50 ton)

Trim Presses – Production Ct.

- 1 Modern Hydraulics (50 Ton)
- 1 B & T (25 Ton)
- 1 Kard (30 Ton)
- 1 Dennison (10 Ton)
- 1 Dennison (25 Ton)
- 1 Rapid Press (30 Ton)
- 1 Dennison C Frame (7 Ton)
- 1 Kard (40 Ton)
- 2 K.R. Wilson (28 Ton)

(2) Tooling Departments

- Maintenance & repair of customer dies
- Rocklinizer Texture Machine
- Miller Tig Welder Syncrowave 250
- Rocklinizer Electronic Carbide Metal Impregnator Model 800
- Model 1701 -21 Meta-Lax Stress Relieving equipment
- (5) Bridgeport Mills
- (5) Lathes
- (2) Edlund Drill Presses
- (2) Surface grinder 6 x 18"
- (2) Sand Blast (glass bead)
- (1) Gordon Engraver P2-2
- (1) Jet cut off saw

Process Control

Inspection & Test Equipment Both Plants

- Visi-Trak Central Process Shot Monitoring
- Visi-Trak Portable Process Shot Monitoring Automated Brown & Sharp C.M.M.
- Real-Time X-Ray on Site
- Satec Break test machine
- Hardness testing
- Specific gravity test equipment
- Spectrograph Alloy Analysis equipment
- Amcor Flux "Injecta" Model 2 Machine
- Waveometer Surface testing machine
- (1) Advantage Hot Oil Machine
- (2) Regoplas Hot Oil System

Vision Inspection Cells - using the following instruments

- (4) DVT 530 vision inspection cameras
- (2) DVT 520 vision inspection cameras
- (3) DVT 510 vision inspection cameras
- (6) BANNER Laser Measuring device

Miscellaneous

- 1 Shamrock Central Spray System / back up pump
- 1 Equipac Preventative Maintenance Software
- 1 Overhead Crain / Monorail System for Die and metal transfer
- 2 molten metal transfer hoists
- 1 Maehler Stress Relief Oven (Prod. Ct.)
- 1 Jet Mill Model #JVM-942 F (Prod. Ct.)
- 1 Parker Mobile Filtration System
- 1 Model BD2424 Weight-tronix scale



2520 Needmore Road
Dayton, Ohio 45414
937-278-5769
937-278-6321 Fax
www.yoderindustries.com