



**Wright Plastic Products Co., LLC**  
201 Condensery Rd.  
Sheridan, MI 48884

(989) 291-3211  
[www.wppllc.com](http://www.wppllc.com)  
TS #2006-0152  
TS #2006-0171



# Wright Plastic Products Co., LLC



**Sheridan Facility**  
(989) 291-3211  
201 Condensery Rd.  
Sheridan, MI 48884



**St. Clair Facility**  
(810) 326-3000  
2021 Christian B. Haas  
St. Clair, MI 48079



# Wright Plastic Products Co., LLC

## Company Overview

Wright Plastic Products Co., LLC was started in 1972 in Potterville, Michigan. The Company was typical of many small custom molding shops and did work for a broad base of small customers. In 1982, the business was moved to a new 20,000 square foot building with seven machines in Sheridan, Michigan.

Today, Wright Plastic Products, Sheridan, is a dramatic contrast to the small job shop in Potterville. During the past several years the present facility has been expanded to 75,000 square feet with more than thirty injection molding machines.

In 1995, Wright Plastic Products purchased a second production facility, Pacer Engineered Products, located in Marysville, Michigan. The facility moved to St. Clair, Michigan in 1999. The plant has 12 injection molding and 5 pad print machines. In 1996, Wright Plastic Products was the first acquisition of Synplastec, Ltd.

Wright Plastic Products manufactures a number of products. While our products appear in many different types of automobiles, semi-trucks and RV's, they are also found in several other non-automotive applications.

The company recognizes that it's success is dependent on the skills and performance of our employees. We provide in-depth training to all employees and expect them to perform their job as if they were the customer. A satisfied customer is the key to the continued success of the Company.



# Wright Plastic Products Co., LLC

## Customers And Products



Marine Products – Division of Brunswick Corporation



RV Components



Conveyor System Components



Shifter Knobs and Assembly Components



Bobbins, Covers, Transmission Components, Fuel Assembly Housings



Window Washer Injector Nozzles (Micro Assemblies)



Automotive Accelerator Components



Interior Semi-Truck Components



# Wright Plastic Products Co., LLC

## Customers And Products



Chassis Attachment Modules



M1 Tank Components



Power Seat Drive Housings, Switch Housings, and Fasteners



Automotive Mirror Shells and Components



Glove Box Compartment Handles, Levers and Components



RV Mirror Housings and Components



Bundle Clips / Fuel System Components / Brake Line Support Clips



Multifunction Levers (w/ Pad Print) and Switch Housings



# Wright Plastic Products Co., LLC

## Sheridan Facility Equipment List

77,400 Square Feet

### MOLDING MACHINES

- (1) 950 Ton Injection Molding Machine
- (4) 500 Ton Injection Molding Machines
- (3) 400 Ton Injection Molding Machines
- (5) 190/275 Ton Injection Molding Machines
- (6) 150/165 Ton Injection Molding Machines
- (4) 60/130 Ton Injection Molding Machines
- (1) 30 Ton Vertical Rotary IMM

### AUXILIARY EQUIPMENT

- Robotics & Sprue Pickers
- Programmable Logic Controllers
- Dedicated Grinders
- High-Bay Overhead Crane
- Colorant Feeders – Machine Mounted & Portable
- Hopper Blenders – For Regrind
- Material Hopper Dryers – Using Vacuum Shot Loaders
- Sonic and Spin Welders

### TOOL ROOM EQUIPMENT FOR MOLD BUILD & REPAIRS

- (1) CNC Milling Machine
- (5) Bridgeports
- (4) Grinders
- (1) ID/OD Grinder
- (2) EDM Machines
- (1) Lathe
- (1) Radial Arm Saw
- (2) Band Saws
- (1) Tig Welder
- (1) Overhead Crane



# Wright Plastic Products Co., LLC

## St. Clair Facility Equipment List

15,000 Square Feet

### MOLDING MACHINES

- (1) 385 Ton Injection Molding Machine
- (1) 250 Ton Injection Molding Machine
- (1) 190 Ton Injection Molding Machine
- (1) 170 Ton Injection Molding Machine
- (3) 150 Ton Injection Molding Machines
- (3) 90 Ton Injection Molding Machines
- (1) 165 Ton Rotary Insert Molding Machine
- (1) 45 Ton Rotary Insert Molding Machine
- (3) Multi-Color Pad Print Machines (3 Rotary)
- (2) Single-Color Pad Print Machines

### AUXILIARY EQUIPMENT

- Robotics & Sprue Pickers
- Programmable Logic Controllers
- High-Bay Overhead Crane
- Colorant Feeders, Grinders
- Vacuum Loading Equipment
- Micro-Vu Visual Measurement System
- In-House Automation Design & Build
- 100% Functional Testing
- Hot Oil / High Process Temperature Capabilities

### TOOL ROOM EQUIPMENT FOR MOLD BUILD & REPAIRS

- (1) CNC Milling Machine
- (1) Bridgeport
- (2) Grinders
- (1) EDM Machine
- (1) Lathe
- (1) Radial Arm Saw
- (1) Band Saw
- (1) Micro Welder
- (1) Welder



# Wright Plastic Products Co., LLC

## Capabilities

- ✓ (1) Solid Works 2007 Work Station
  - ✓ (1) Master Cam 7.0 Work Station
  - ✓ (3) AutoCAD Design Work Stations
  - ✓ (1) Mechanical Desktop Workstation
  
  - ✓ (5) Pad Print Stations –
    - Dedicated Climate Controlled Pad Print Room
    - Flat & Cylindrical Capabilities
  
  - ✓ Full Internet Capabilities
    - EDI, ASN, FTP Site, Data Transfer
  
  - ✓ TMM – Total Manufacturing Manager
    - Fully Integrated Manufacturing, Tooling & Account System :: *Plastic Industry Specific*
  
  - ✓ Fully Equipped CNC Tool Rooms
    - Capability to Build & Maintain Tools In-House
  
  - ✓ Automated Assembly Cell Capability
  
  - ✓ Fully Equipped Quality Assurance Labs
- ✓ Dedicated Assembly Area
    - 2500 Sq Ft Expandable to 10,000 Sq Ft
  
  - ✓ Sonic / Vibration Welding
  
  - ✓ High Temp Molding with Hot Oil Control
  
  - ✓ Overmold / Soft-Touch Capability
  
  - ✓ Heat-Staking
  
  - ✓ Ultrasonic Inserts
  
  - ✓ In-Mold Decorating
  
  - ✓ Vertical IMM's for Insert Molding
  
  - ✓ Wire-Cable Termination and Assembly
- In addition, we subcontract the following secondary services:
- ✓ Leather-Wrap
  - ✓ Painting
  - ✓ Chrome Plating
  - ✓ Hydrographics



## PRODUCTION FLOOR



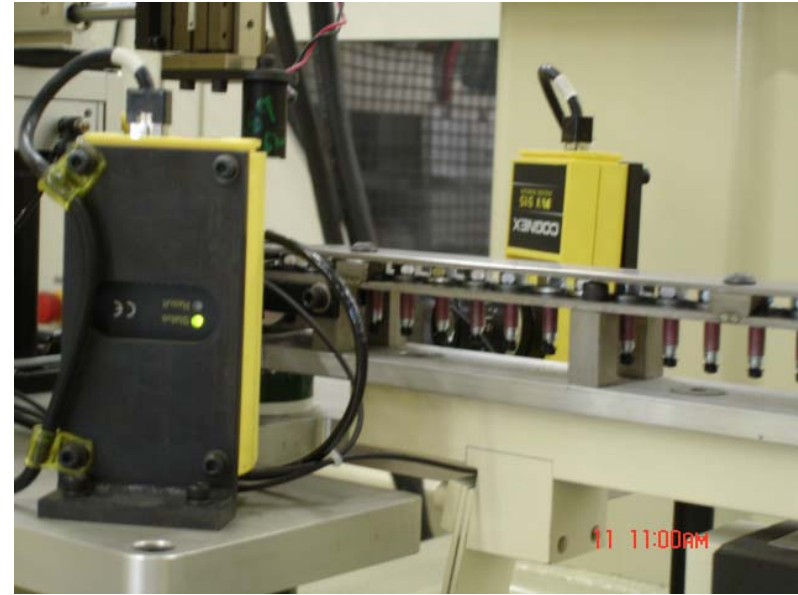
Injection Molding Machines  
Ranging from 30 – 950 Ton





## AUTOMATION AND ROBOTICS





Fully Automated Insert  
Molding Operation w/  
100% Visual Inspection  
and Packaging Capability





## Quality Assurance

Fully Capable Quality Assurance Lab w/ CMM Machine For Full Service Layout

Micro-Vu Video Measurement Systems  
(Allows Magnification of Parts For Thorough Inspection)





## Tool Storage & Repair



Assigned  
Mold  
Storage Area

CNC/EDM

On Sight Tool  
Maintenance





# Wright Plastic Products Co., LLC

## Materials Processed

- ✓ ABS
- ✓ ASA
- ✓ Alloys & PC/ABS, PA/ABS, PC/PE, PC/PP, PE/PA, PE/PS Blends
- ✓ HDPE – High Density Polyethylene
- ✓ HIPS – High Impact Polystyrene
- ✓ High Heat Materials (Fortron, Ultem, Amodel, PPA, PPS)
- ✓ LDPE – Low Density Polyethylene
- ✓ PA66 Nylon – Glass/Mineral/Glass Sphere/Reprocessed
- ✓ PA6 Nylon
- ✓ PA12 Nylon – Glass Filled/Unfilled
- ✓ PA6/12
- ✓ PA4/6
- ✓ POM – Acetal
- ✓ POM – Glass Filled
- ✓ PVC – Flexible (Various Durometers)
- ✓ Polycarbonate
- ✓ Polypropylene
- ✓ Polypropylene – Glass/Mineral/Talc Filled
- ✓ PBT – Unfilled/Filled (Glass/Impact Modifier)
- ✓ PET – Unfilled/Filled (Glass)
- ✓ PPO/PPE – Noryl
- ✓ TPE/TPO/TPR – Thermoplastic Elastomer (Various Durometers)
- ✓ Pre-Colored and In-House Color Blending



# Wright Plastic Products Co., LLC

## Types of Products Produced

### Sheridan Facility

#### Automotive

- ✓ Shifter Knobs/Related Components
- ✓ Bobbins
- ✓ Chassis Attachment Modules
- ✓ Electronic/Chime Housings
- ✓ Mirror Shells and Components
- ✓ Seat Adjust Gear Housings
- ✓ Battery Terminals
- ✓ Tube Adapters
- ✓ Tubing Bundle Clips
- ✓ Brackets – Rear Bumper Fascia
- ✓ Fuel Systems – Floats, Pump Housings
- ✓ Interior Trim – Mold-In-Color, Chrome, Hydrographics

#### Non-Automotive

- ✓ Ridge Vent / Roof Vent Covers
- ✓ Marine / Boating Components
- ✓ RV Mirror Shells & Components

### St. Clair Facility

#### Automotive

- ✓ Bin Mat Liners
- ✓ Electronic Switch Housings/Buttons
- ✓ Light Pipe Assemblies
- ✓ Roof Rack Components
- ✓ T/S & Wiper Control Stalk Components
- ✓ Various Clips
- ✓ Semi-Truck Trailer Cables
- ✓ Spray Nozzle Assemblies
- ✓ Visor Arms and Components
- ✓ Bobbins and Connectors
- ✓ Fuel System Floats
- ✓ Windshield Washer Spray Nozzles

#### Non-Automotive

- ✓ Conveyor Wheels/Rails
- ✓ Transmission Components
- ✓ Spare Tire Components
- ✓ High Volume Bolt Retainers



## Insert Molded Products



## Engineering Grade Material Products





**Pad  
Print**

**Fuel  
System  
Parts**





**Class 'A', Mold  
In Color**  
(Automotive & Marine)

**Tight  
Tolerance**

(Washer Spray Nozzle Assemblies)





## **Interior Chrome Plated Products**

## **Insert Molded Electrical Bobbins**





## Exterior Mold-In-Color Mirror Shells & Accessories



## Interior Class 'A' Components (Paint, Mold-In-Color, Hydrographics)





## **Shift Knob Assemblies**

**(Vinyl, Leather, Mold-In-Color,  
Hydrographics, Chrome)**

**Class 'A'  
Components  
for Large Truck**





# Wright Plastic Products Co., LLC

## ISO/TS 16949:2002 CERTIFIED SUPPLIER

Manufacturer of Plastic Injection Molded and Assembled Products

SHERIDAN FACILITY:

CERTIFICATE NO: 2006-0152

IATF CERTIFICATE NO: 0088369

REVISION DATE: 08-18-2010

ST. CLAIR FACILITY:

CERTIFICATE NO: 2006-0171

IATF CERTIFICATE NO: 0090152

REVISION DATE: 08-18-2010



# Wright Plastic Products Co., LLC

## Quality Assurance

### **Goal**

Continually Seek Quality Improvement in All Areas of Business to Achieve “Zero Defects”

### **Mission Statement**

Provide Guidance and Support for Creating and Maintaining a TS Compliant Quality System

### **ISO9002 / QS9000**

ISO9002 Registered / QS9000 Compliant Certified Supplier 1997-2006

### **ISO/TS 16949:2002**

- SHERIDAN: ISO/TS 16949:2002 Certified, September 29, 2006
- ST CLAIR: ISO/TS 16949:2002 Certified, October 30, 2006
- Continually Reduce All Customer PPM
- Continuously Monitor and Improve the ISO/TS 16949:2002 System by Internal and Surveillance Audits
- Provide Each Customer with Support for Solving and Correcting All Problems



# Wright Plastic Products Co., LLC

## Engineering Group

### Mission Statement

Provide Guidance and Support for Creating and Maintaining an ISO/TS 16949:2002 Compliant System

#### Process Engineering

##### Premium Class Injection Molding Through:

- ✓ Process Documentation
- ✓ Rigorous Mold Tryouts
- ✓ Manufacturing Automation for Consistency of Product Quality
- ✓ Critical Parameters Check (6 Steps)
- ✓ RJG Units
- ✓ In-Mold Process Monitoring
- ✓ Cavity Pressure Transducers in the Mold

#### Product Engineering

##### World Class Quality Through:

- ✓ Concurrent Engineering
- ✓ Product Design
- ✓ APQP
- ✓ DFMEA
- ✓ Design in Customer Format
- ✓ In-House Prototype Capability
- ✓ In-House Tool & Guage Design

***Experienced Engineering Staff with 100+ Years of Hands-On Experience Building, Designing, and Troubleshooting Plastic Injection Molds***



Intertek



Certificate Number  
2006-0152

IATF Certificate Number  
0088369

Initial Certification Date  
September 29, 2006

Certificate Issue Date  
August 18, 2010

Certificate Expiry Date  
September 9, 2012



GF105-US-TS - Issue Date 07/10/2009 - Page 1 of 2

## Certificate of Registration

The following organization's quality management system has been assessed and registered by Intertek as conforming to the requirements of:

**ISO/TS 16949:2009**

Organization:

**WRIGHT PLASTIC PRODUCTS COMPANY, LLC**

201 Condensery Road, Sheridan, MI, 48884, USA

The Quality Management System is applicable to:

Manufacture of Plastic Injection Molded and Assembled Products

Having been audited in accordance with the "Rules for achieving IATF recognition 3<sup>rd</sup> Edition for ISO/TS 16949:2009"

Permissible exclusions include: Product Design

NACE Code: DH 25, DM 34 SIC Code: 30, 37

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement.

*Vicki Betros*

Intertek - 4700 Broadmoor, Suite 200, Kentwood MI 49512, USA



Intertek



Certificate Number  
2008-0171

IATF Certificate Number  
0090152

Initial Certification Date  
October 30, 2008

Certificate Issue Date  
August 18, 2010

Certificate Expiry Date  
October 15, 2012



GF106-US-TS - Issue Date: 07/10/2009 - Page 1 of 2

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**ISO/TS 16949:2009**

Organization:

**WRIGHT PLASTIC PRODUCTS COMPANY, LLC**

2021 Christian B. Hass, St. Clair, MI, 48079, USA

The Quality Management System is applicable to:

Manufacture of Plastic Injection Molded, Pad Printed, Assembled Products and Insert Molding

Having been audited in accordance with the "Rules for achieving IATF recognition 3<sup>rd</sup> Edition for ISO/TS 16949:2009"

Permissible exclusions include: Product Design  
NACE Code: DH 25, DM 34 SIC Code: 30, 37

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*Vickie Betros*

Intertek - 4700 Broadmoor, Suite 200, Kentwood MI 49512, USA