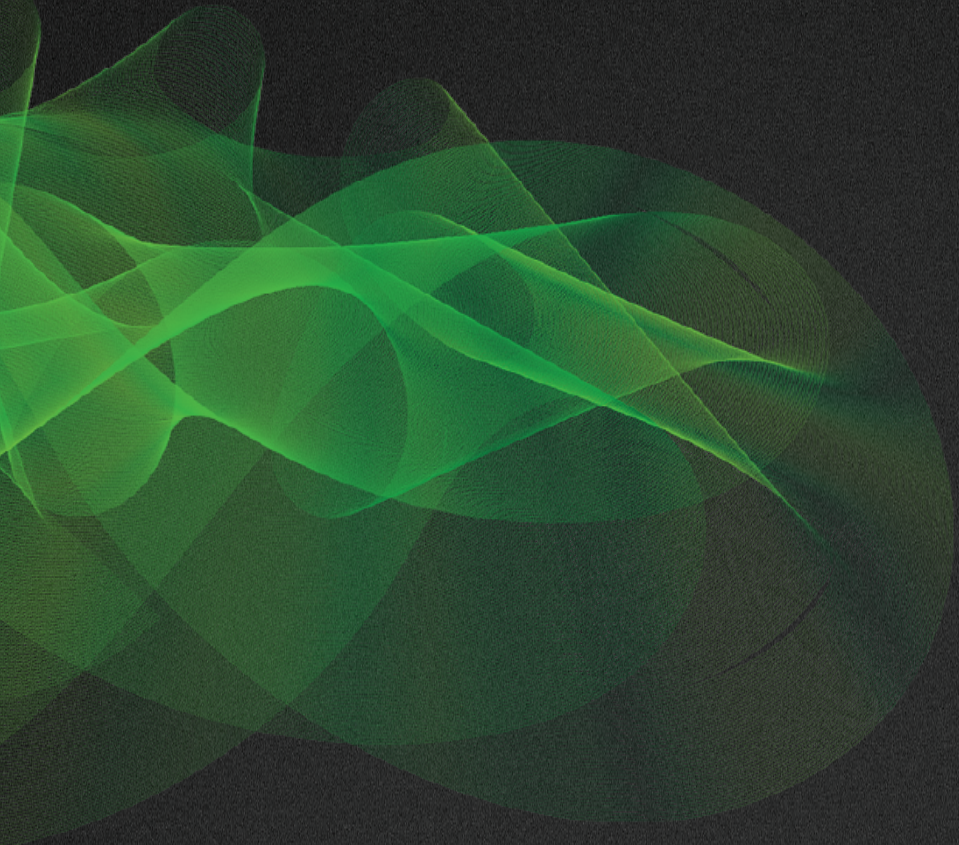








# **MOLD & FIXTURE SOLUTION TEAM**

905 Hickory Lane  
Mansfield, OH 44905  
[alliance-innovations.com](http://alliance-innovations.com)  
419.632.6320





# CAPITAL EQUIPMENT & CAPABILITIES

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**30,000ft<sup>2</sup> Manufacturing Facility**

**150t Trial Press**

**4 Meter 3-Axis CNC Machining**

**4 Meter 5-Axis CNC Machining**

**3D Printing**

**MIG & TIG Welding**

**Epoxy Castings and  
Wood Modeling**

**15t Free Standing Handling Crane**





# TOOLING RANGE



## // COMPRESSION MOLDS //

VACUUM MOLDS  
FOAM MOLDS  
ALUMINUM  
STEEL

## // CHECKING FIXTURES //

GD&T  
IN CAR  
EOL

## // 'DCPD, MACHINED MOLDS //

TRIAL PRESS 150 TON WITH AUTOMATIC  
CLAMPING AND DIE CHANGE

DCPD PRODUCTION AND PROTOTYPE  
MOLDS

ENCAPSULATION MOLDS

## // ELECTRICAL CONTROLS // INTEGRATION

PLC PROGRAMMING CAPABILITIES  
ELECTRICAL CABINET BUILDING  
ELECTRICAL DRAWING PRODUCTION  
OPERATOR SAFETY INTEGRATION

## // TRIM DIE //

PRESS MOUNTED  
SELF CONTAINED  
MOLD & TRIM  
BYPASS





# ASSEMBLY EQUIPMENT

EDGE FOLD & EDGE WRAP EQUIPMENT

FASCIA ASSEMBLY FIXTURES

CONSOLE ASSEMBLY FIXTURES

BOND AND ROUTE FIXTURES

SONIC WELDING

GLUE CELLS

HEAT STAKING



Assembly Equipment





# SUPPORTED COMMODITIES

TRUNK TRIM

HEADLINERS

DASH INSULATION

CARPETS

HEAT SHIELDS

HOOD CARPET INSULATIONS

UNDERSHIELDS

PACKAGE TRAYS

WHEEL ARCHES

LOAD FLOOR

WHEEL LINERS

SPECIALTY EQUIPMENT

BLOW MOLD TOOLS

DESIGN CAPABLE

CMM/CAPABILITIES CHECK STATIONS

WATERJET FIXTURES

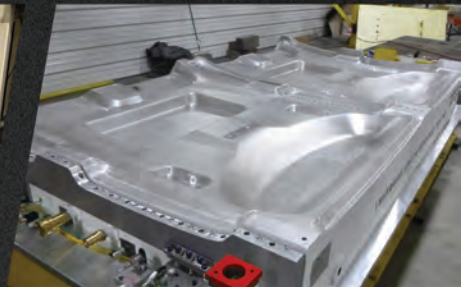
HEAVY TRUCK MOLDS

AGRICULTURAL OUTER PANEL MOLDS



Supported Commodities





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*Alliance Innovations is committed to the continuous improvement of our processes, to ensure we provide our customers with value added solutions.*



***ISO 9001:2015 - Certified QMS, with Design***

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