



# TIMS

TEKMART  
INTEGRATED  
MANUFACTURING  
SERVICES

WHERE GREAT PRODUCTS TAKE SHAPE

[WWW.TEKMARTIMS.COM](http://WWW.TEKMARTIMS.COM)

# WHY CHOOSE TIMS?

- ❑ ISO9000 /TS-16949 certified
- ❑ Class A Painting Facility
- ❑ Large Manufacturing and Assembly Space
- ❑ Competitive pricing
- ❑ Ideally located to serve markets in USA, Mexico, Canada and South America

# MORE REASONS TO CHOOSE TIMS

## Experience with:

- Automotive
- Home Appliances
- Consumer electronics
- Medical markets
- High or low volume manufacturing by using our rapid mold change system
- Expertise in logistics and warehousing plus international and national freight services
- Successfully managing a billion dollar supply chain that spans Asia, Europe, North America and South America

# LOCATION

**TIMS is located in Juarez, on the USA/Mexico border.**

## Main Distances from Ciudad Juárez to:

Mexico City	1,100 Mi
Leon/Bajio	900 Mi
Monterrey/Salttillo	680 Mi
Guadalajara	950 Mi





# TIMS MOLDING FACILITY

- ❑ Range of 41 injection machines from 170 to 3000 tons
- ❑ Fully automated material distribution system
- ❑ Six silos with a total capacity of 1.4M pounds
- ❑ Fully automated robot solutions
- ❑ 250,000 sq. feet of injection molding floor space plus 400,000 sq. feet of integrated manufacturing service space

# MOLDING MACHINES

We have a wide range of injection molding machines to meet any need.

Machine Tonnage	Quantity
170	2
230	1
300-350	5
500	4
600-700	7

Machine Tonnage	Quantity
800	2
1000	4
1500	10
2000	3
3000	3

We also have the required auxiliary and peripheral equipment.



# TIMS INTEGRATED MANUFACTURING

First and largest molder in Juarez region, established in 1991

Leaders in plastic part injection molding, assembly and decorative finishes

- Large volume quality and production systems in place
- Hot runner systems, sequential gating and gas assist molding
- Large tool shop onsite for engineering changes, PM and CM
- Decorating and painting facility with automated paint booths
- Material room and distribution system handles resin in a secure manner
- Resin types managed: ABS, PMMA, PS clear, PC clear , PP, PBT, PVC etc.

# SKILLED MANUAL ASSEMBLY



A versatile workforce with expertise in a range of manual assembly operations





# MANUFACTURING SERVICES

Assembly and sub-assembly of component parts:

- Performing inspections
- Fastening
- Functional tests
- Labeling
- Quality control
- Packaging
- Preparation for final use

# CLEAN & CONTROLLED PAINT ROOM



- 3 painting lines using 2 robots each plus a manual painting booth
- Water and solvent painting capabilities
- Secondary operations capabilities: Pad printing(20)/Heat transfer/Hot Stamping (4) /heat staking
- 1 Ultrasonic welder
- 2 Vibration welders

# TIMS TOOL SHOP

- ❑ Equipped with the necessary machines such as EDM and CNC for any tool repair or any engineering change required
- ❑ 3 air cranes with capacity up to 30 tons (one is also used for mold handling)
- ❑ Large horizontal and vertical drilling machines
- ❑ Tig and micro welding
- ❑ Heat treatment and hardness tester



## Preventive Maintenance

Daily preventive maintenance at machine level, cleaning and visual inspection for inserts, movable parts and venting. Monthly preventive maintenance for removing and changing all damaged movable parts, or findings on daily maintenance.

## Corrective Maintenance

Ability to rebuild inserts and change parts, on mold and Hot Runners Systems

## Engineering Changes

Ability to analyze and make proposals for ECN on different applications like TVs washing machines and automotive parts

# TIMS QUALITY SYSTEMS

## Document and Data Control.

ISO/9000 - ISO/TS 16949

## Process Control.

APQP, PPAP, FMEAS, CP, SPC

IQ, OQ, PQ Validations Protocols for Medical industry.



Customer needs

Planning

Product Realization

Verification

Continues Improvement

Customer Satisfaction

## Inspection and Testing.

Color and Appearance Measurements.

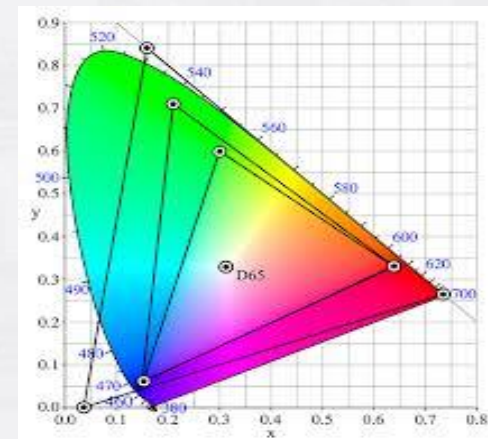
Mechanical tests (Ball impact, Pull force)

Brightness test, adhesion and thickness paint.

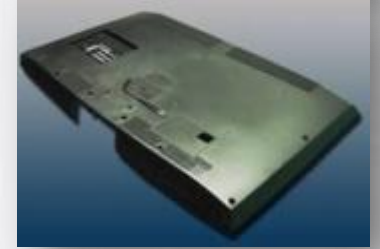
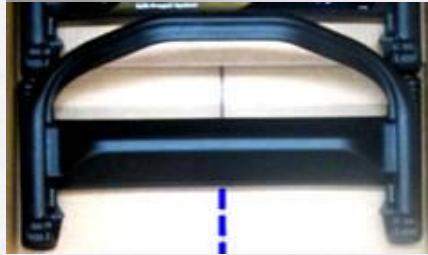
## Inspection and Measuring Instruments and Equipment Control.

Measurements machines (CMM and Optical).

World Class Manufacturing, 5'S, Kaizen, PDCA, DMAIC.



# OUR PRODUCTS

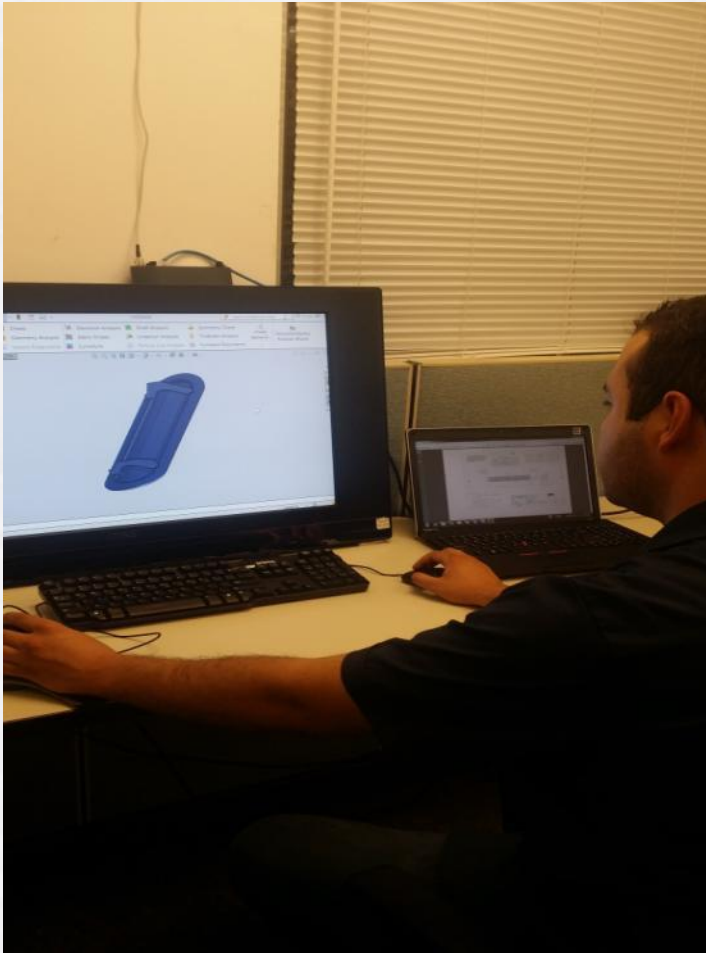


We offer a wide variety of plastic products and processes serving several different markets.

# TIMS- Engineering Support Solutions

Product Development	Quality Systems	Manufacturing Engineering	Tool shop services
Design, Analysis Improve 3D CAD Models	APQP Process	Injection Molding Process	Preventive Mold Maintenance program
DFM analysis	PFMEA	DOE, SMED	Corrective Maintenance Capabilities
Mold flow analysis	PPAP	Planning/Production Control	Engineering Changes
Prototyping	High precision Metrology Lab	Material certification and handling	Fixture , Gages design & fabrication
Design of tooling , fixtures and gages	Color and brightness measurements	Personnel training & Certification	CNC & EDM machining capabilities
Automation and robotic processes implementation	Mechanical tests	Product and raw material Traceability	Prototype machining
Project Management (NPI)	Automated CMM	VSM	Precision QC
Packaging Design	Painting Validation	Layered Process Audits	
	Transportation product integrity testing		

# TIMS PRODUCT DEVELOPMENT



**We can help design and develop new products.**

- Evaluate customer 3D Models
- Suggest the best resin for the job
- Perform DFM analysis to confirm designs
- Conduct mold flow analysis
- Provide prototype samples
- Design and Manufacture of equipment and measuring fixtures

# CLIENTS

wistron



MAGNETI  
MARELLI



LEVITON



IAC

Electrolux

stryker®

FLEXTRONICS  
MEDICAL X

FLEXTRONICS X

TORO



Stant



SMART  
Technologies

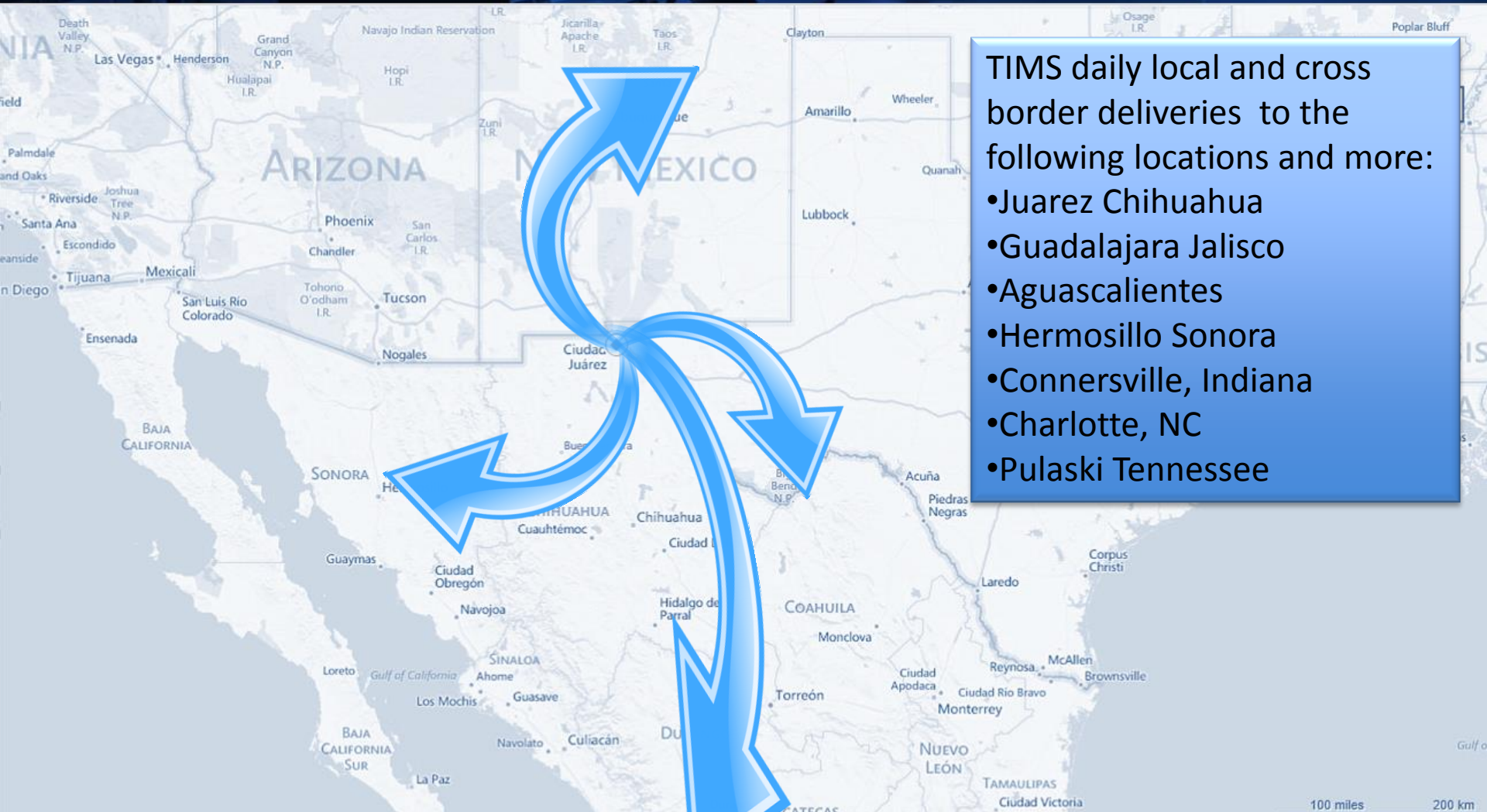
DELPHI



MAGNA



# On Time Delivery/Shipments



TIMS daily local and cross border deliveries to the following locations and more:

- Juarez Chihuahua
- Guadalajara Jalisco
- Aguascalientes
- Hermosillo Sonora
- Connersville, Indiana
- Charlotte, NC
- Pulaski Tennessee



# TIMS

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Contact us to learn more about manufacturing possibilities.

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