TIMS
TEKMAR
INTEGRATED MANUFACTURING SERVICES
WHERE GREAT PRODUCTS TAKE SHAPE
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
One of the largest molder in Mexico

Established in 1991 in Juarez and since 2000 in Tijuana.

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, HIPS, PC, PP, PBT, PVC, PA66, PBT etc
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
TIMS is located in Juarez and Tijuana, Mexico on the border with USA with head office in Toronto, Canada.

- **In Juarez**, we are located at 5 minutes from Zaragoza International bridge with EL Paso, TX.
- **In Tijuana**, we are located at 125 miles from Long Beach port, and approximately 1 hour from Ensenada port.
TIMS MOLDING FACILITY

- Range of 69 injection machines from 100 to 3000 tons
- Fully automated material distribution system
- Six silos with a total capacity of 1.4M pounds
- Fully automated robot solutions
- Juarez: 250,000 sq. feet of injection molding floor space plus 400,000 sq. feet of integrated manufacturing services space
- Tijuana: 370K sq. feet of injection molding floor space
### Plastic Injection Molding Machine - Class & Tonnages

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<th>Class</th>
<th>Juarez</th>
<th>Tijuana</th>
<th>Total</th>
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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
- Painting lines equipped with robots and manual painting booths
- Water and solvent painting capabilities
- Secondary operations capabilities: Pad printing(20)/Heat transfer/Hot Stamping (4) /heat staking
- 1 Ultrasonic welder
- 2 Vibration welders
- Three stage Paint Booth System
- 300 linear feet conveyor
TIMS TOOL SHOP

- Equipped with the necessary machines such as EDM and CNC for any tool reparation 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

Metrology Services
Gloss Meters → Color Spectrophotometers
Tensile Testing → Ash Testing
Melt Flow and Volume Testing → Pressure vessel testing
Leak testing → Force Measurement (Push/Pull)
Surface Plates and a wide variety of hand gaging

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**
- Design, Analysis
- Improve 3D CAD Models
- DFM analysis
- Mold flow analysis
- Design of tooling, fixtures and gages
- Automation and robotic processes implementation
- Project Management (NPI)
- Packaging Design

**Quality Systems**
- APQP Process
- PFMEA
- PPAP
- High precision Metrology Lab
- Color and brightness measurements
- Mechanical tests
- Automated CMM
- Painting Validation
- Transportation product integrity testing

**Manufacturing Engineering**
- Injection Molding Process
- DOE, SMED
- Planning/Production Control
- Material certification and handling
- Personnel training & Certification
- Product and raw material Traceability
- Layered Process Audits

**Tool shop services**
- Preventive Mold Maintenance program
- Corrective Maintenance Capabilities
- Engineering Changes
- Fixture, Gages design & fabrication
- CNC & EDM machining capabilities
- Prototype machining
- Precision QC
CLIENTS

- Wistron
- Vizio
- Magneti Marelli
- Dräxlmaier
- Leviton
- Whirlpool
- Mattel
- Electrolux
- Stryker
- Tesla
- Flextronics
- Funai
- TCL
- TORO
- Lear Corporation
- Stant
- Futuris
- Smart Technologies
- Delphi
- Dometic
- Magna
On Time Delivery/Shipments

- Juarez Chihuahua
- Guadalajara Jalisco
- Aguascalientes
- Hermosillo Sonora Mex
- Connersville, Indiana
- Charlotte, NC
- San Francisco, CA
- Pulaski Tennessee
- Tijuana BC Mex
- Monterrey Mex
- Mexicali BC
Contact us to learn more about manufacturing possibilities.

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