



TIMS

TEKMART
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

TIMS INTEGRATED MANUFACTURING

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

LOCATION

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 125mi. from Long Beach port, and approximately 1 hr from Ensenada port.

TIMS MANUFACTURING FACILITIES



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



MOLDING MACHINES

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

<i>Plastic Injection Molding Machine - Class & Tonnages</i>					
	Juarez		Tijuana		Total
100-199T	5		4		9
200-299T	1		0		1
300-399T	5		0		5
400-500T	6		1		7
600-699T	4		0		4
700-799T	6		0		6
800-899T	2		2		4
900-1000T	4		0		4
1100-1500T	10		7		17
1000-3K 1300T 2K	2		0		2
1600-2000T	4		2		6
2200-3000T	3		1		4
	52		17		69

Horizontal

Single shot

Double shot

Gas assist

Sequential molding

Overmolding

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

- ☐ 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 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.



Metrology Services

Gloss Meters

Tensile Testing

Melt Flow and Volume Testing

Leak testing

Surface Plates and a wide variety of hand gaging

Color Spectrophotometers

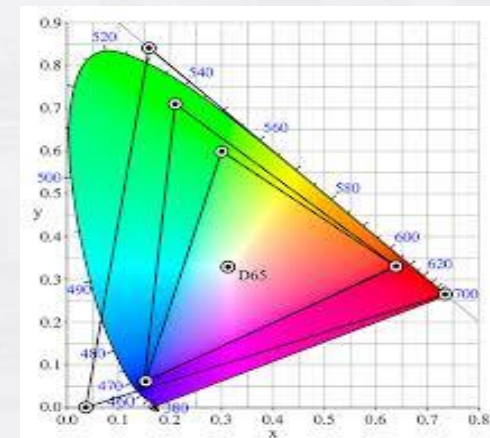
Ash Testing

Pressure vessel testing

Force Measurement (Push/Pull)

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
Design of tooling , fixtures and gages	High precision Metrology Lab	Material certification and handling	Fixture , Gages design & fabrication
Automation and robotic processes implementation	Color and brightness measurements	Personnel training & Certification	CNC & EDM machining capabilities
Project Management (NPI)	Mechanical tests	Product and raw material Traceability	Prototype machining
Packaging Design	Automated CMM	Layered Process Audits	Precision QC
	Painting Validation		
	Transportation product integrity testing		

CLIENTS



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



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Contact us to learn more about manufacturing possibilities.

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