

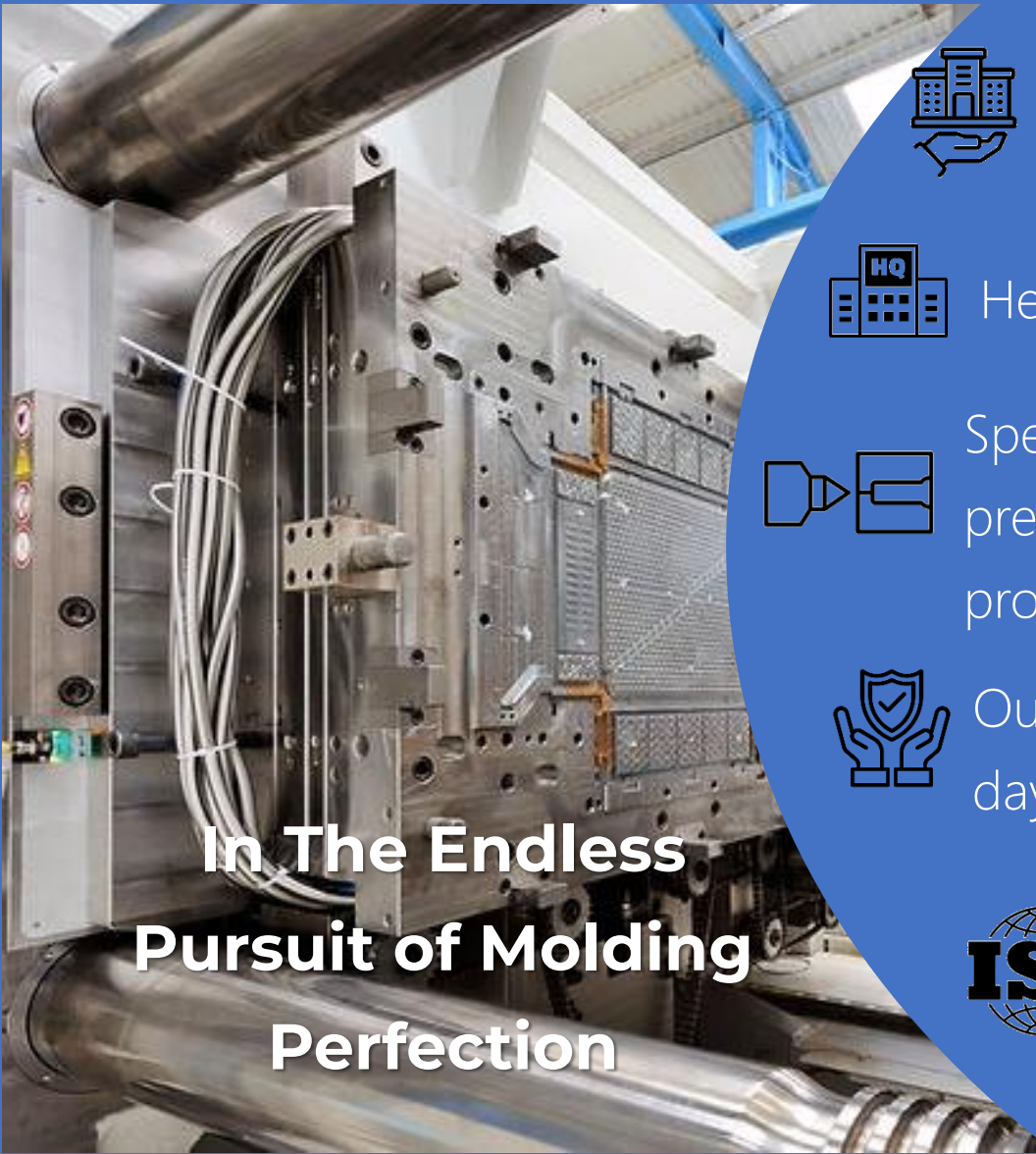
PTM Precision Technical Molding



**Driven by The
Endless Pursuit of
Molding Perfection**

SITE OVERVIEW

Precision Technical Molding



Founded in 2016, with operations starting in 2017.



Headquartered in Green Valley, Arizona US.



Specializes in High/Low Volume, tight tolerance precision molding with a high degree of process control.



Our personnel safety is our priority with >1,000 days without a recordable accident.



ISO 9001 and ISO 13485 certifications, demonstrating commitment to Quality Management.

**In The Endless
Pursuit of Molding
Perfection**

Precision Technical Molding

GENERAL INFORMATION

32



Staff of 32 employees working two 12hr Shifts, covering (24hrs/4days per week)

60%



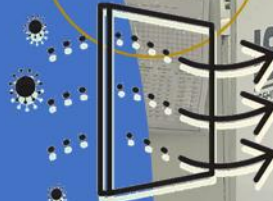
Current open machine capacity of 60%

9K sqf



Manufacturing space of 9,000sqf with option to expand to 14,000sqf

Clean Room



Clean room environment

Scientific Molding



Precision Injection molding with scientific molding process control

Value Added



- Insert Molding
- Overmolding
- 2 Shot
- Pad Printing
- Assembly
- Ultrasonic Welding

Mold Design



From concept to plastic parts - with mold manufacture in US, Asia, Spain and Mexico

Comprehensive IQ/OQ/PQ validation protocols

Precision Technical Molding

TOOL TRANSFERS

**Help to
nearshore. We
have moved
entire companies
without
affecting supply.**



- Analysis of all plastic components



- Identify critical molds (Duplication if necessary)



- Evaluations / inspection of tools



- Evaluation of resins and alternates



- Gantt Chart provided to ensure project success



- Optimization of molds to hit target price



- Transport and Logistics of molds



- Extensive experience with transfers

Precision Technical Molding

MOLD CONSTRUCTION

- Able to construct molds in:
USA Mexico
Asia Spain



- High production tools (Class 101).
Prototype Low Volume Tools (Class 105)



- Design & Technical help provided



- Automated Turnkey Operations



- Optimizations of molds
(Manufacturing vs Volume)

**We can take
your project
from
conception to
full
production.**



Precision Technical Molding

WHAT'S NEXT FOR PTM ?



Actual
15 IMM
Range
55 – 350 Ton

**Investment
for 2025**
Addition 2 IMM
range 120 - 500 ton

INJECTION MOLDING MACHINES

- Increase capacity of Medium Tonnage
 - Haitian Machine 500 Ton - Oct 2025

TOOL ROOM

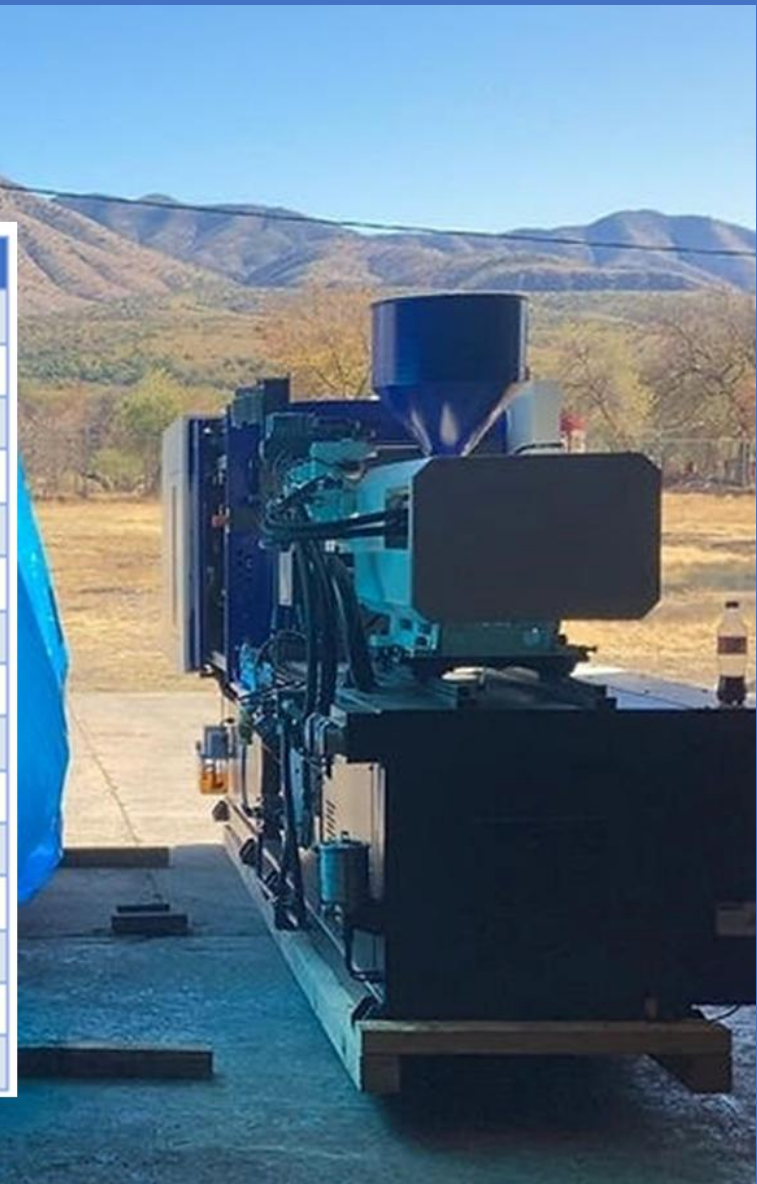
- Training personnel for molding expertise adjustments and repair

SILICONE MOLDING CAPABILITIES

Precision Technical Molding

CURRENT EQUIPMENT CAPACITY

Machine #	Brand	Type	Tonnage
IN-1	Van Dorn Demag	Horizontal	170
IN-2	Van Dorn Demag	Horizontal	170
IN-3	Sumitomo C450	Horizontal	125
IN-4	Haitian	Horizontal	135
IN-5	Haitian	Horizontal	180
IN-7	Toshiba	Horizontal	90
IN-8	Toyo Plastar	Horizontal	200
IN-9	Sumitomo C-160	Horizontal	75
IN-10	Sumitomo C-160	Horizontal	75
IN-11	Van Dorn Demag	Horizontal	120
IN-12	Van Dorn Demag	Horizontal	300
IN-13	Haitian	Horizontal	350
IN-14	Van Dorn Demag	Horizontal	300
IN-15	Haitian	Horizontal	120
IN-16	Haitian	Horizontal	180



Precision Technical Molding

COMPLIANCE WITH MEXICAN REGULATIONS



Environmental



Safety and Health.



Federal Labor Law



International Commerce Regulations



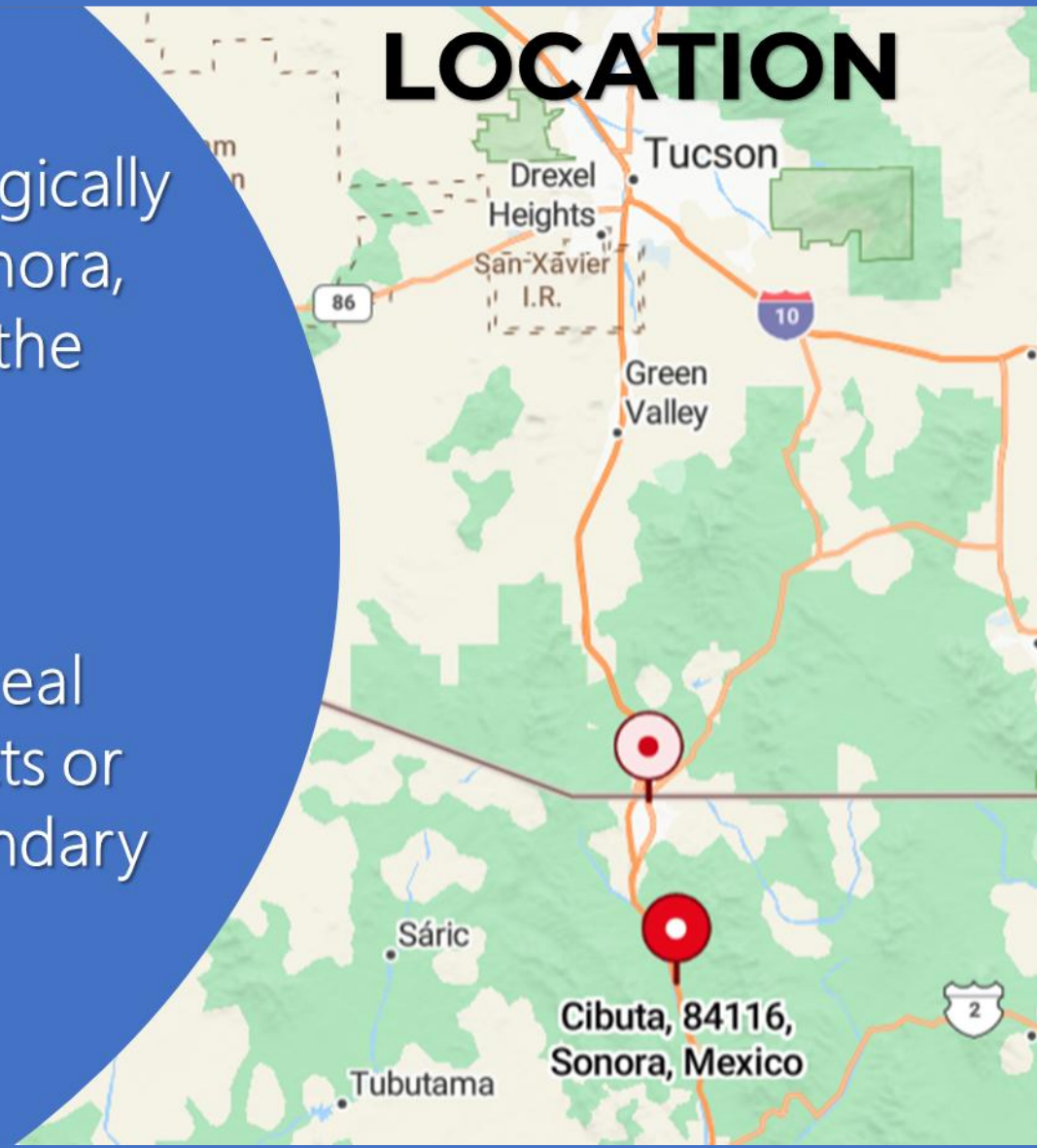
CTPAT Compliant

PTM, also complies with local regulations including hazards communication, evacuation drills, among others.

Precision Technical Molding

STRATEGIC LOCATION

- PTM / Plásticos Cibuta is strategically located in Cibuta, Nogales, Sonora, Mexico - just 20 minutes from the Arizona border.
- This prime location offers an ideal setup for cost-sensitive products or those requiring extensive secondary processes and labor-intensive operations.



Precision Technical Molding

COMPREHENSIVE MANUFACTURING

SOLUTIONS

OUR CAPABILITIES:

We specialize in advanced manufacturing solutions, including:

- **Thermoplastic Injection Molding**
- **Silicone Molding**
- **Insert Molding**
- **Overmolding**
- **Two-Shot Molding**
- **Clean Room Production**
- **Pad Printing**
- **Ultrasonic Welding**
- **Assembly Services**

LOGISTICAL & COST ADVANTAGES:

- Through the IMMEX program, we provide seamless delivery directly to your facility in Mexico via Virtual Pediment, ensuring logistical efficiency and significant cost savings.
- Our commitment to quality, precision, and innovation allows us to serve various industries with customized solutions tailored to meet specific needs.

Let's discuss how PTM / Plásticos Cibuta can support your production requirements with our expertise and strategic advantages.

Precision Technical Molding

LOCATION 2

EXPANDING OUR CAPABILITIES - TUCSON, AZ

- We are excited to announce the upcoming launch of our second facility in Tucson, AZ, scheduled to open in Q4 2025, under our new company MD Plastics.
- This location is specifically designed to serve the MEDICAL INDUSTRY, with a strong emphasis on PRECISION MANUFACTURING & ADVANCE MATERIAL PROCESSING.

State-of-the-Art Technology & Cleanroom Environment
Our Tucson facility will be equipped with cutting-edge injection molding capabilities, including:

- ✓ Thermoplastic & Silicone Molding
- ✓ Controlled Cleanroom Environment for medical-grade production

COMMITMENT TO EXCELLENCE



Precision Technical Molding

MD Plastics



This expansion enables us to provide **HIGHER QUALITY, GREATER EFFICIENCY** and **INNOVATIVE PRODUCTION SOLUTIONS** - ensuring full compliance with medical industry standards.

By integrating advanced technologies and best practices, we aim to elevate our ability to support our partners with **RELIABLE, SCALABLE** and **COST-EFFECTIVE MANUFACTURING SOLUTIONS.**

We look forward to sharing more details as we approach the launch and exploring how MD Plastics can further strengthen our partnerships.

Precision Technical Molding

CONTACT US



701 W Placita De la Cotonia
Green Valley, Arizona, 85622



520-245-5937



fnavarro@PrecisionTMolding.com



<https://www.precisiontmolding.com>

Let us help you take your
idea all the way from
concept to production

