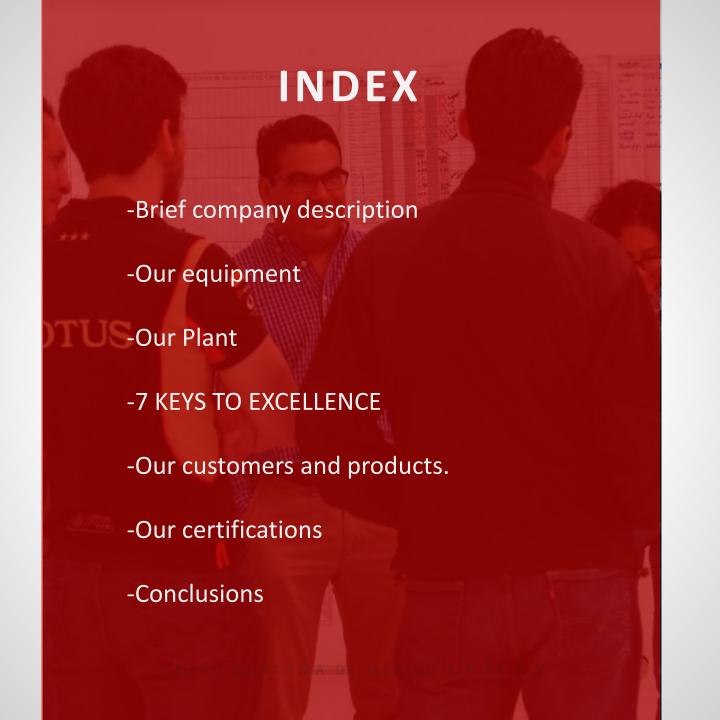
Auto Plastek.

COMPANY PRESENTATION

GRUPO GONORMA DE MÉXICO S.A DE C.V







- Auto Plastek is a Tier 2 company in the **Auto industry and Tools**.
- Our operations began in **2011** with brand new equipment with **World Class Technology.**
- We have a team work with a long auto industry **experience**.
- Our **management and quality systems** fulfill the auto industry expectations.
- We have equipment from **50 to 1200 tons**.



























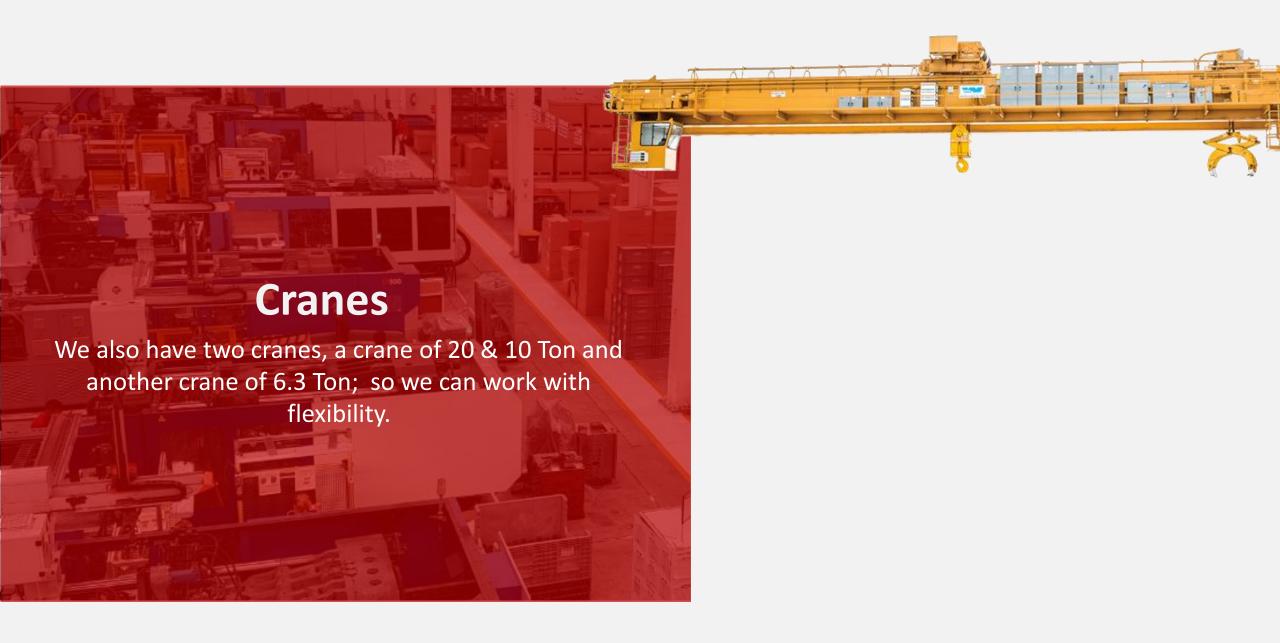








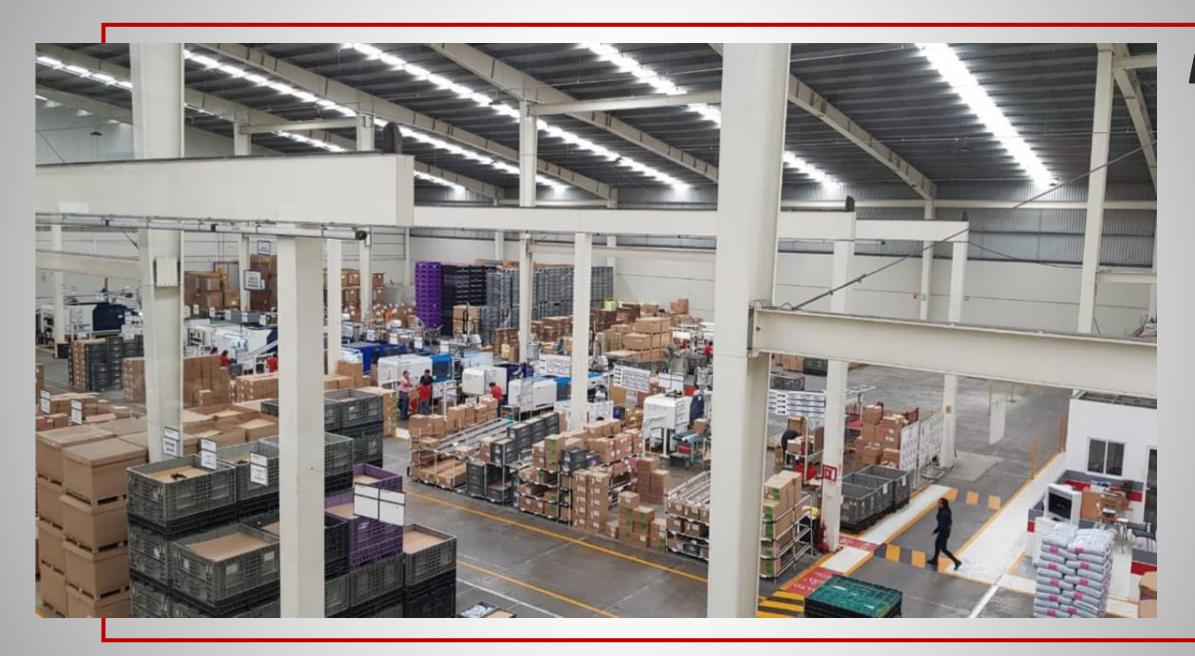




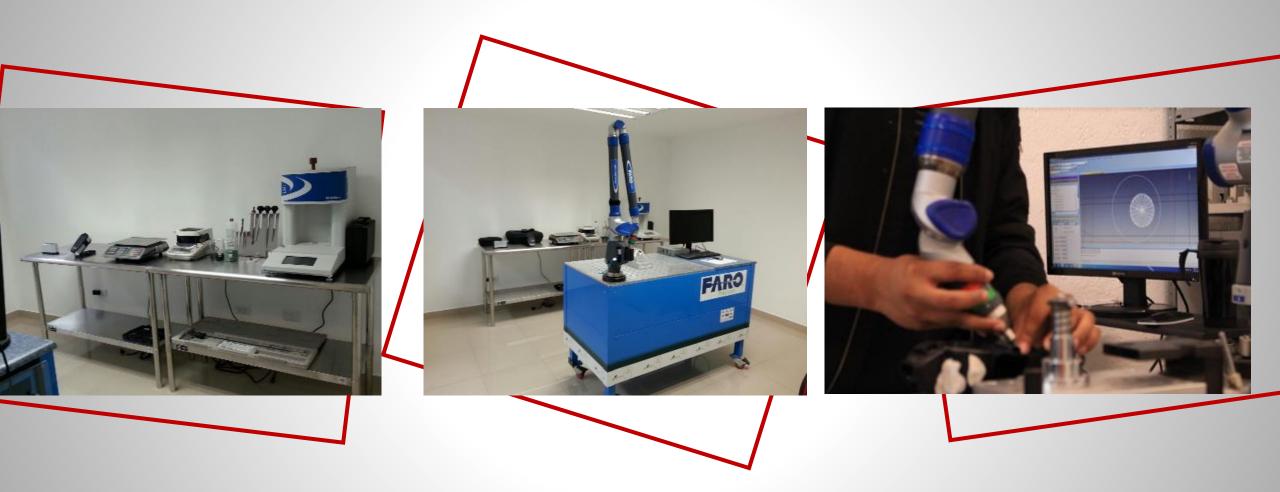
OUR PLANT







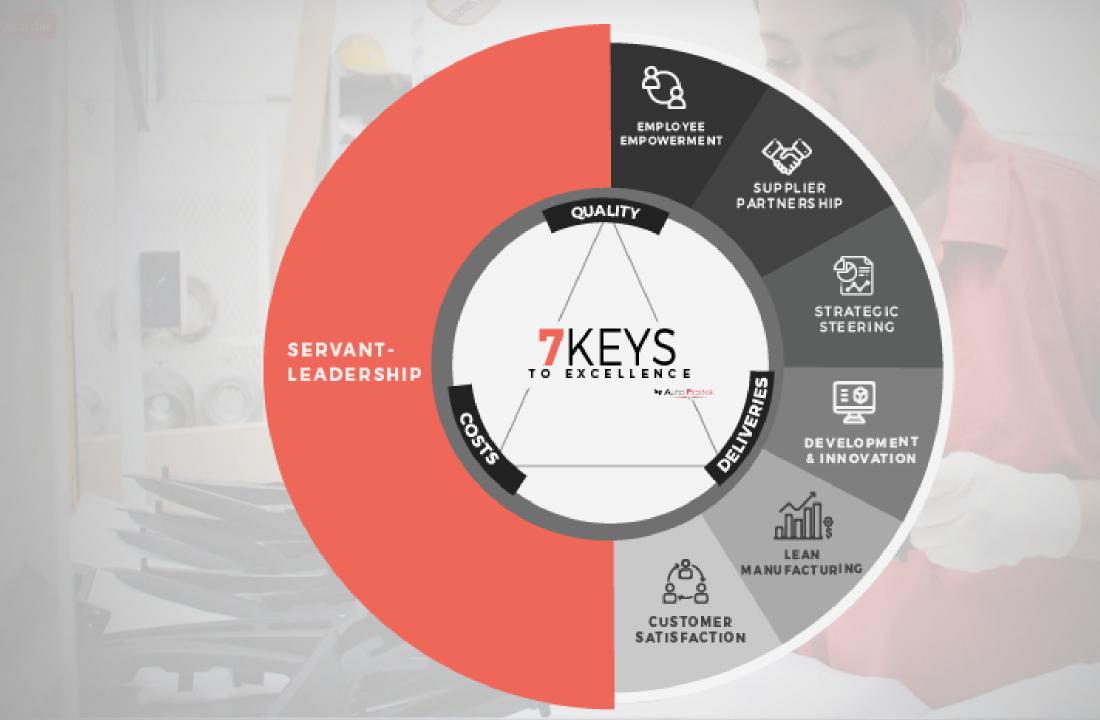
OUR LAB



In our quality lab we have the main equipment including a 3D Measuring equipment.







	EE	PSE	QSE	PC & L	INDUSTRIAL POLICY	HSE
Level 4	- QRQC -Polycompetence	PULL SYSTEM	- Rework validation - Stop at defect WS audit. Poka Yoke validation - QRQC validation	- Transportation Scheme -Transportation plan - Levelled supply Alerts management	Return Expertise to manufacturing engineering and product design	Stop at risk (no risk observed without any immediate reaction) Core teams renewed at least 1/year
THE PARTY	I THE	011	- Customer satisfaction follow up.	ALV.	The state of the s	
37/6	Improvement		- WS documentation Reserved WS validation Auto inspection decision making aids	- Flat Warehouse - MPM Suppliers	SMED	- HSE Core teams
Level 3	Plan (by supervisor)	KANBAN	validation - Defect record analysis validated. Auto quality control. - Product & process control validated. - Process start up (OK 1st part). - Rework instructions.	- Supplier Deliveries - Packaging and Container Management	ТРМ	inspections - All drivers are identified - Accident analysis made also for first aid
			- Poka Yoke bases. - QRQC Internal.	- Suppliers-Manifest	SPC	
		A AMERY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The state of the s		
Level 2	- Performance Measurement -Improvement ideas system -Polyvalence -Cascade of objectives -Top 5 (GAP-leader)	- HOSHIN one piece low - takt time adapta- bilty (N+1/N-1) - Standard Work - Frontal feeding	- Quality wall Red bins - Auto inspection instructions - Rework flow - Reserved WS training validation PSGM customer - Product & process control reinforcement.	-MPM Customer -BOP Inventory Mngt -Finished Goods management -MPS/ PDP -Incoming Area -Suppliers Management	- Parts Board - TRS - FMEA's	- Safety instructions displayed - HSE in TOP 5 - HSE core teams trained - Chemicals limited to 1 day consumption - Supervisors lead the follow up of HSE and ergonomic action plans
	4 4 4 4					
Level 1	-Safety -"White team" and Kaizen spirit -GAP Leader operational -GAP identifed -Support functions identified -Operational display	Internal MIFA - Zoning 5S "White plant"	-Customer Satisfaction - basic Follow UpReserved WS idAuto inspection basics decision aidsDefects recordingBasic process control	-External MIFA -Stocks are at the right place -ERP Usage -SOP/ PIC	-Lay out actual - Future in 6 Months - Future in 1 year - MTP layout	- Risk assessment and ergonomics assessment (possibly with the HSE Check-list for workshop modification) - Machines and equipment in conformance with the regulation - HSE training - Escape route and emergency exits are marked and free - PPE defined and used - Chemicals labeled and on containment - Bin for waste sorting

PMS WORKPACKAGE CONTRACT SHEET - REV 00

Product & Process
Development

- •1.1 Program Target Assesment
- •1.2 Concept Proposal
- •1.3 Exper supplier selection
- •1.4 Offer construction
- •1.5 Offer Negotiation
- •1.6 Program Team Kick-Off

Acquisition

- •2.1 Product & Process Development
- •2.1.1 Product & Tool Development
- •2.1.2 Product System Development
- •2.1.3 Supplier Kick-Off
- •2.2 Control Plan Design
- •2.3 Prototype Build Plan
- •2.4 Make our Buy Finalization
- •2.5 Final Sourcing
- •2.6 Prototype Build
- •2.7 Prototype Procuremenrt & Delivery
- •2.8 Protype Build
- •2.9 Design Validation
- •2.10 Detailed Product & Tool Development
- •2.11 Detailed Production System Development
- •2.12 Control Plan Definition
- •2.13 Investment Release
- •2.14 Product & Process Release
- •2.15 Product System Release
- •2.16 Parts, Tools & Gages Release

- •3.1 Launch Preparation
- •3.2 Tool Follow-Up
- •3.3 Equipment Follow Up
- •3.4 Pre-Series Procurement & Delivery
- •3.5 Tool Pre-Acceptance
- •3.6 Tool Graining
- •3.7 Purchased Parts Approval
- •3.7.1 Auto Plastek APQP Approval
- •3.8 Equipment & Tool Trasnfer
- •3.9 Equipment & PPS Set Up
- •3.10 Run & Rate
- •3.11 Production Validation
- •3.12 Production Part Approval

Launch

- •4.1 Additional Volume Production Tools
- •4.2 Production Ramp-up
- •4.3 Program Transfer

•5.1 Production Support

Production

Production Setup & Pre series





















































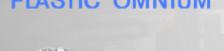














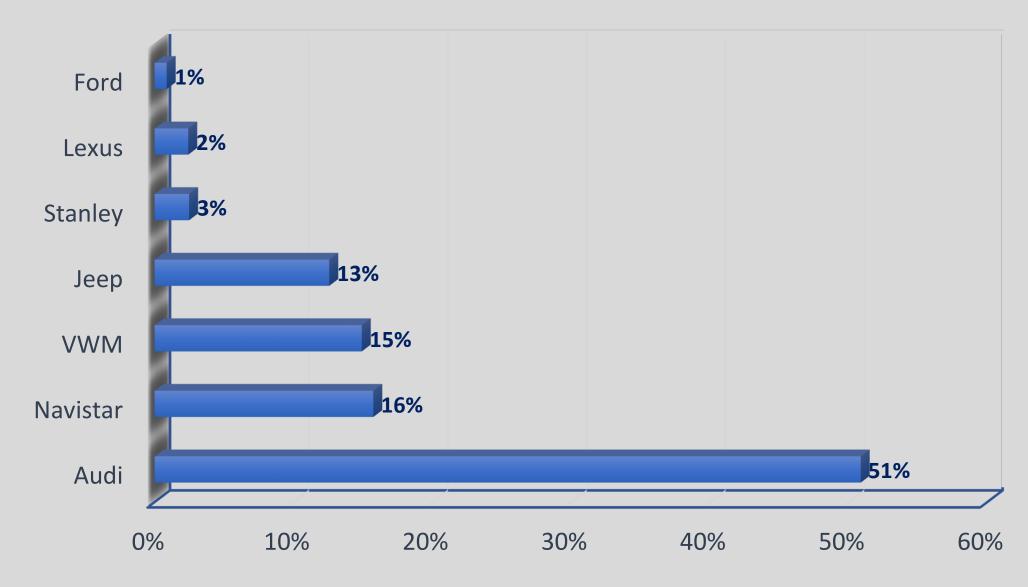




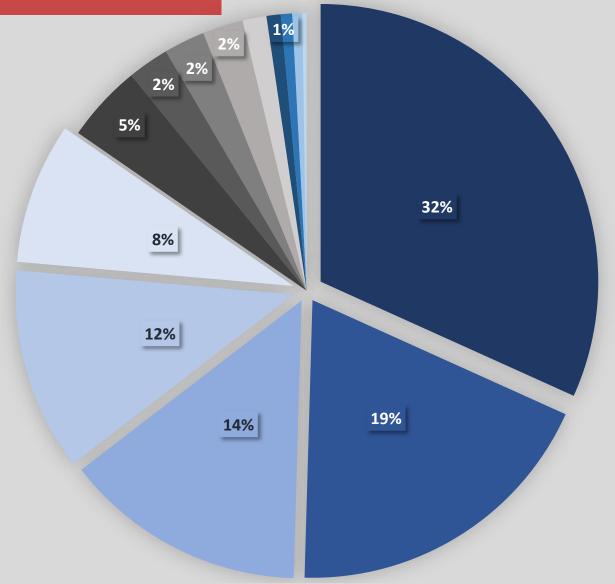




OEM %



Tier1 %



- 1.-Concorde Group
- 2.-Clerprem México
- 3.-Mekra Lang North America
- 4.- Grupo Antolin Interiors Mexico
- 5.-SMP Automotive Systems de Mexico
- 6.-Grupo Antolin Tlaxcala
- 7.-Grupo Antolín Cuautitlán
- 8.-Stanley Black & Decker
- 9.-Eagle Tlaxcala Mexico
- 10.-Eissmann Automotive









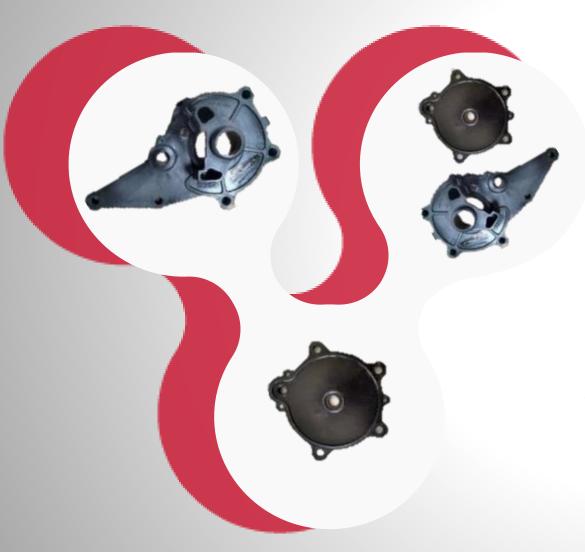






References: 2









References: 17 Jeep



References: 1

References: 2









References: 10 STANLEY DEWALT DEWALT



OUR CAPABILITIES

Injection Molding 90, 120, 160, 230, 240 250,360,390,500,600,800 and 1200 Ton.

2K injection molding 390 Ton

Mold developing capabilities

We have developed more than 55 molds for Audi, VW, Isuzu,
Mercedes Benz and Jeep. (1 and 2K)

Team of expert engineers developing tools

Tool manufacturing partners in China, Portugal, Canada and Spain.

Tool maintenance shop.

We have a team of experienced tool shop technicians.

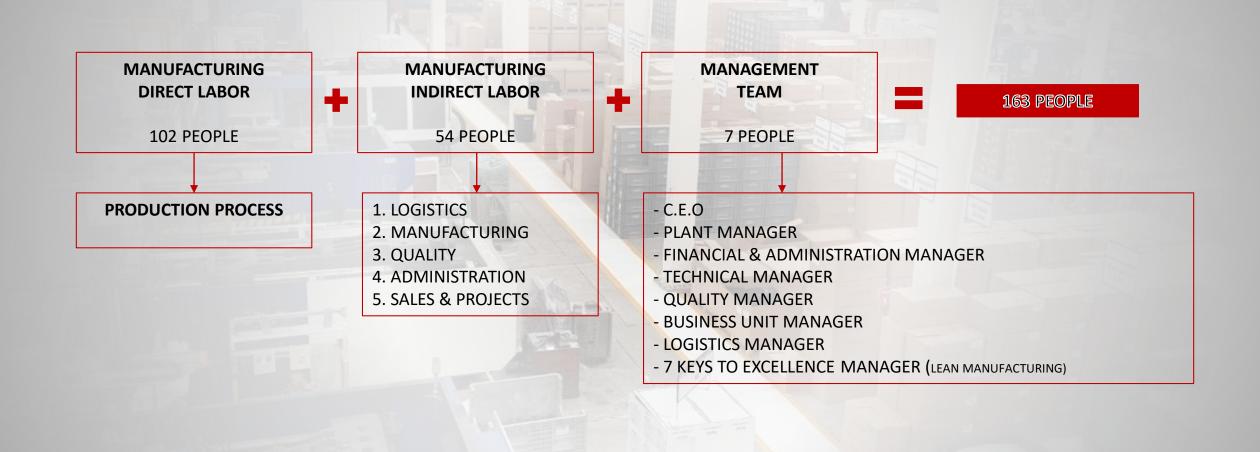
Tool manufacturing and maintenance experts partners

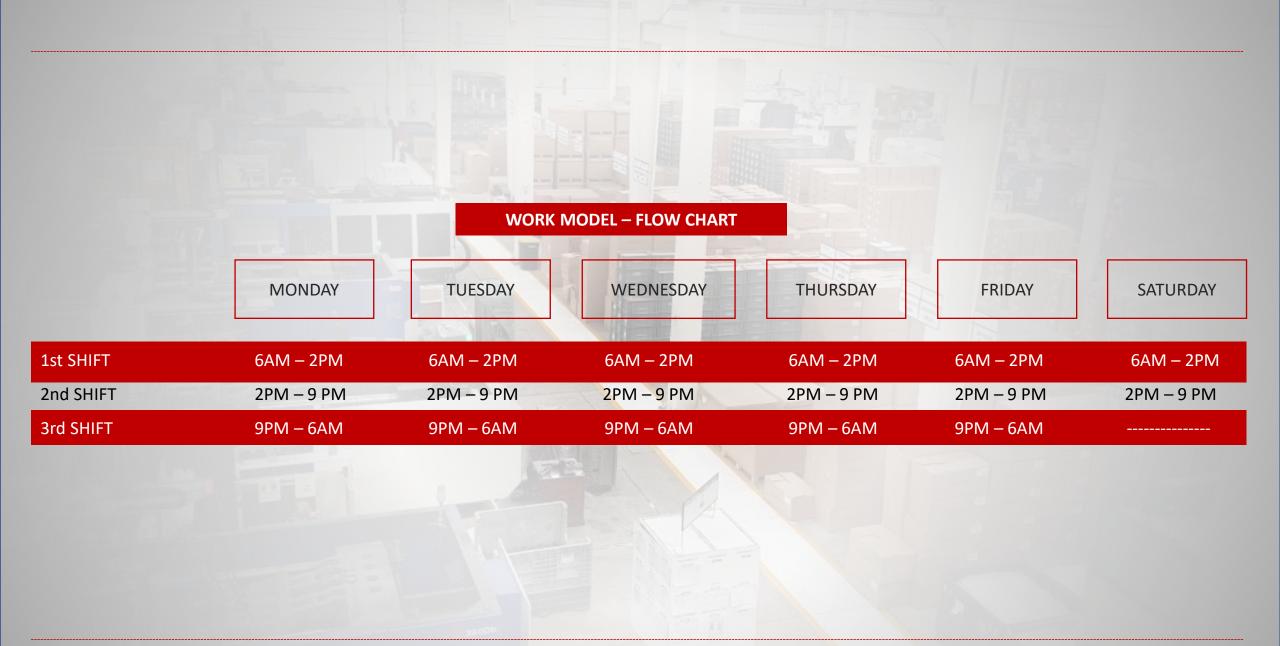


OUR CERTIFICATIONS

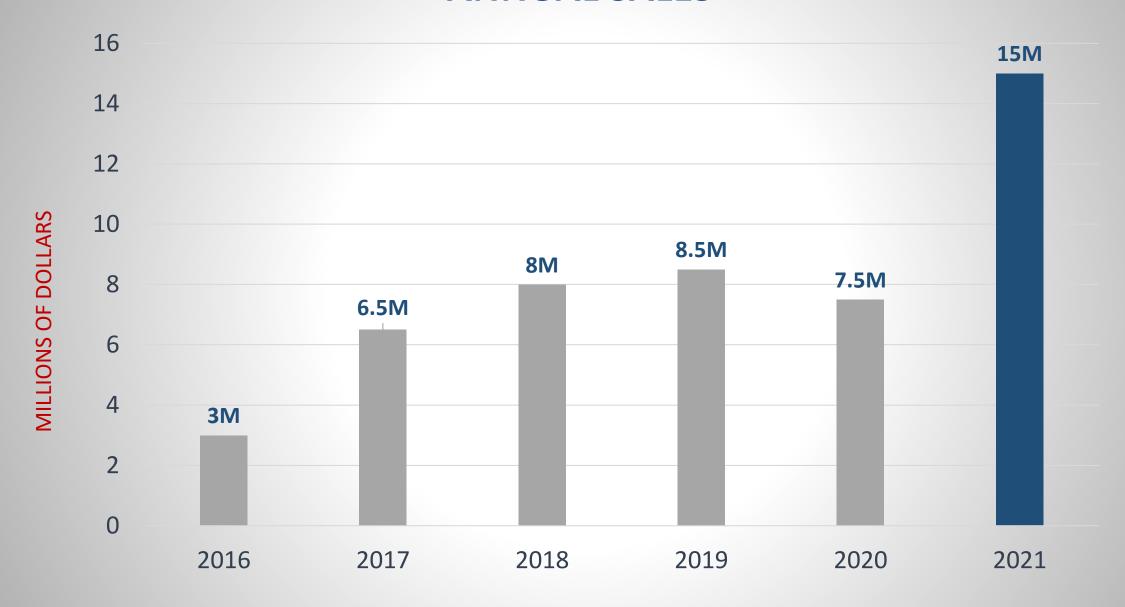


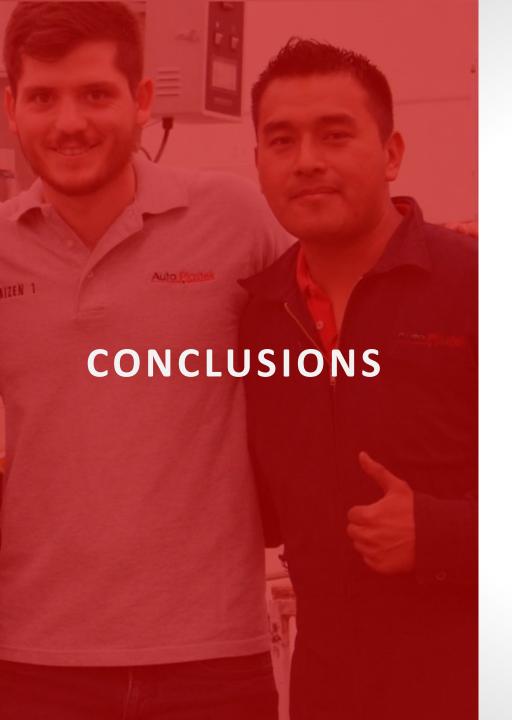






ANNUAL SALES





There are several success factors in our company:

- -Our team.
- Market **experience**.
- A well understanding of the auto industry expectations.
- Our Management **excellence system** that allow us to have a close control of our QCDP.



Contactos:



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