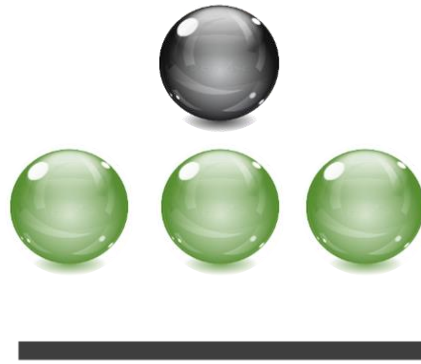


Maena

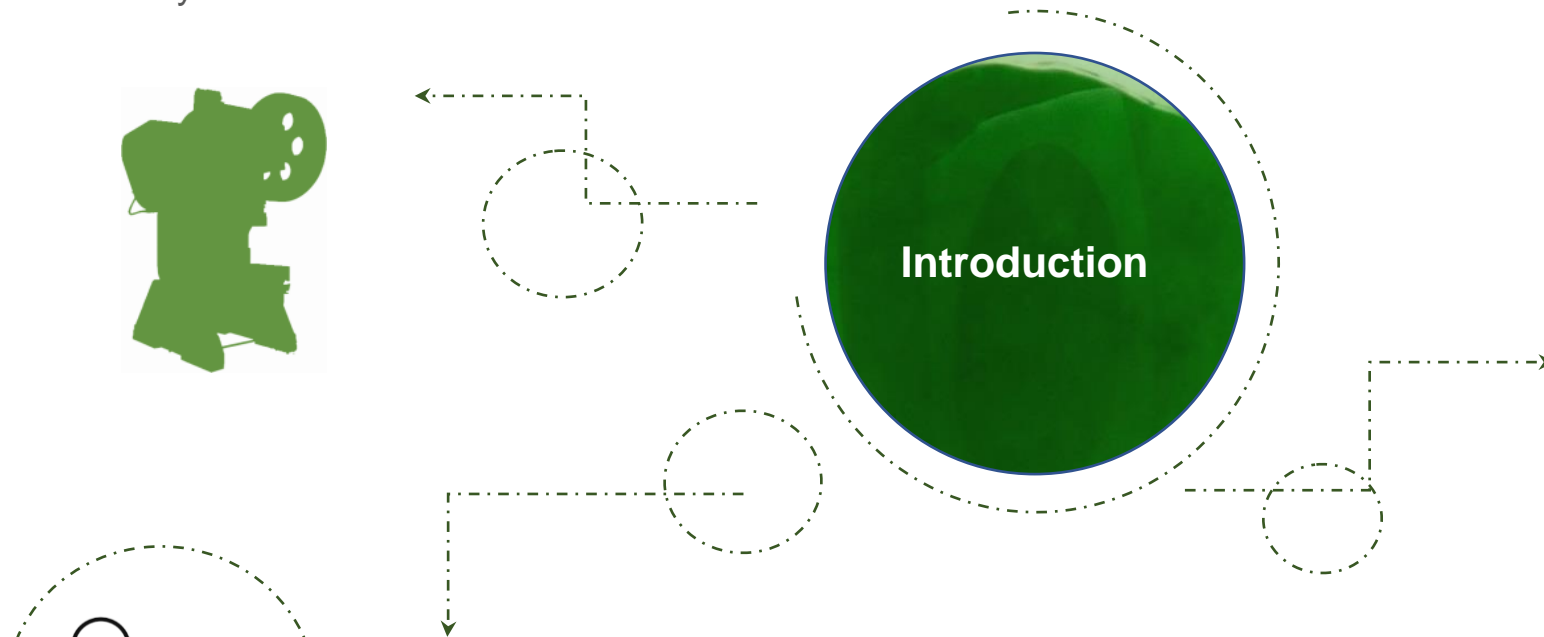
CORPORATIVO



- Background

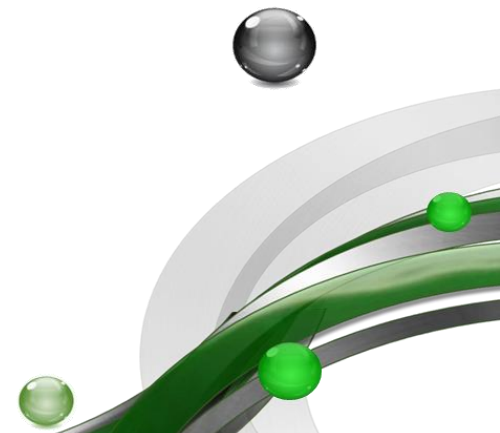
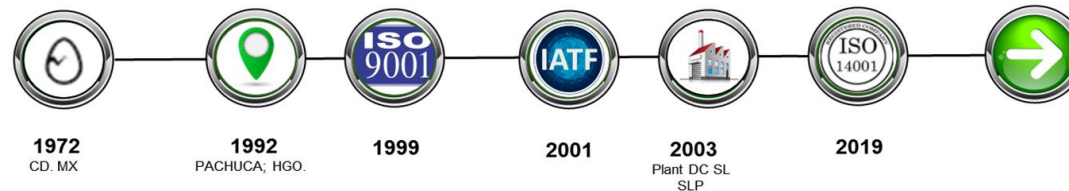
MAENA is a metal stamping company founded in 1972 with 100% Mexican capital by a group of entrepreneurs committed to the country and society

Strategically placed at the center of the country, in **Pachuca** city, with efficient communication routes between the main industrial zones of the area and export ports.



Over than 40 years experience in automotive industry

- Time line



VALUE PROPOSAL

Our Strength

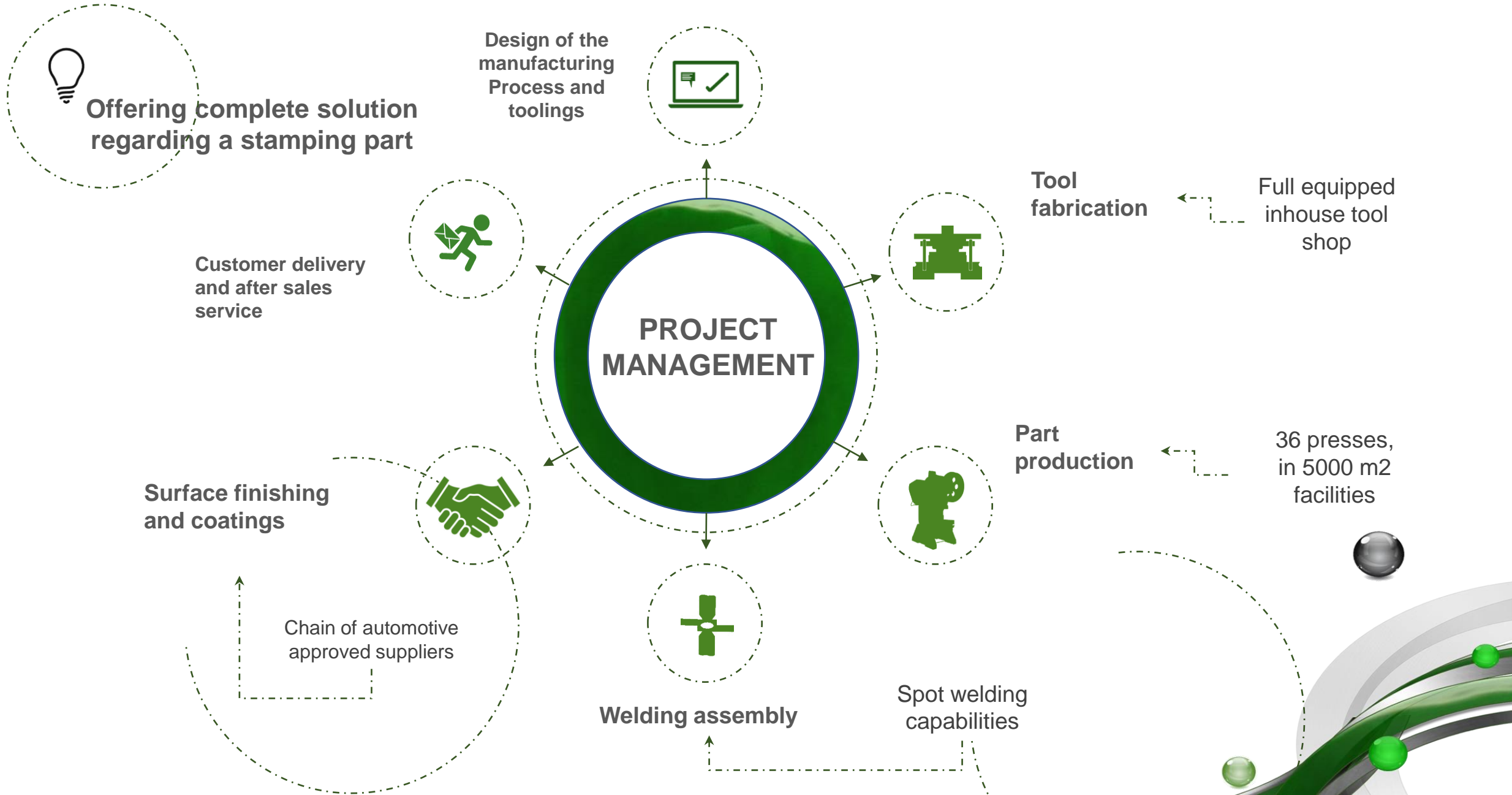
- High service standards and more competitive prices.
- Certified in IATF 16949 and ISO 14001 
- Over than 40 years experience in automotive industry.
- Slim work team with high commitment level with our customer

Competitive advantages



- **Project development cost fitted to project budgets**
- **Flexibility** to our customers requirements
- **Adjusted** delivery time according customers timing
- **Quick response** with engineering changes





MANUFACTURING CAPABILITIES



36 PRESSES
From 80 to 350 ton



50% AVAILABLE CAPACITY
Half 2nd, 3rd shift free.
Processing 150 tons of steel per month



PROGRESSIVE STAMPING
20% presses with automatic coil feeders



ANY METAL SHEET
CRS, Coated steel, HSLA, Stainless, Non-Ferrous,
etc. Thick 0.2-6.0mm

**STAMPING
PARTS**

[WELDING AND ASSEMBLIES]



-6 Spot welding machines
-Welding capacity from 40 kva
to 150 kva



-Orbital riveting
-Over than 40% of available
capacity

• CAD & CAM Software

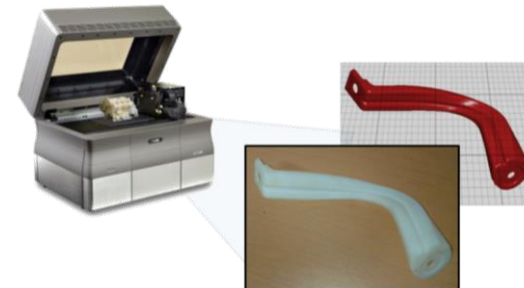
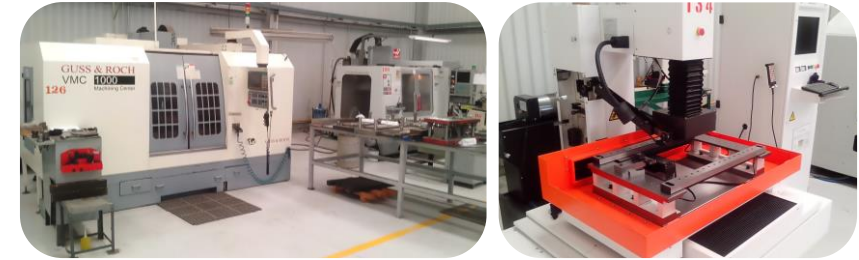


• Tool Room Equipment

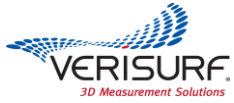
- Toolings manufacturing and preventive maintenance
- 3 cnc machining centers
- working area of 1.5 m x 0.6 m x 0.61 m
- 1 CNC lathe
- 1 wire cutting machine
- 1 waterjet cutting machine
- Full equipped with more than 18 machines

• 3D Printer fast prototyping

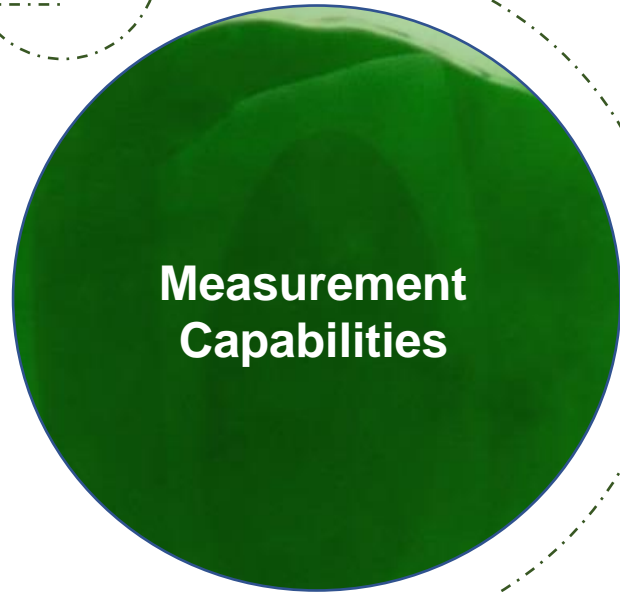
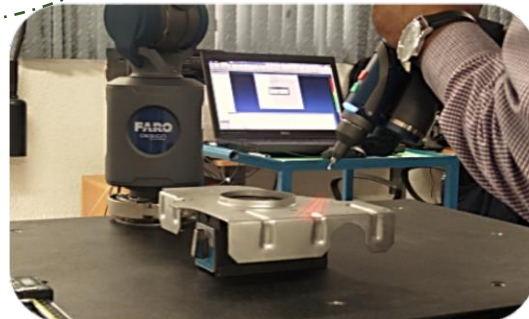
- Physical samples in a few hours
- Enough hardness and accurate to test assemblies and checking fixtures



• **Software**



• **Reverse Engineering**



• **Measurement Equipment**

- CMM ZEISS coordinate measurement machine
- Coating thickness measurement
- FARO measurement arm machine
- FARO 3D Scanner



All test equipment is certified by external certified laboratories.

CERTIFICATE

This is to certify that

Maquinados y Estampados Nacionales Automotrices S.A. de C.V.
 Calle B, Lote 9
 Fraccionamiento Industrial Canacintra
 C.P. 42186,
 Mineral de la Reforma, Hidalgo
 México

has implemented and maintains a **Quality Management System**.

Scope:
 Manufacture of stamping and welded parts.

An audit, conducted and documented in a report, has verified that this quality management system fulfills the requirements of the following International Automotive Standard:

IATF 16949:2016
 (without product design)

Certificate registration no.	066045 IATF16
Issuing date	2021-05-07
This certificate is valid until	2024-05-06
IATF No.	0399267

2-IAC-QMC-01001

For and on behalf of DQS

Nurani S. Venkataschalam
 Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel
 Managing Director, DQS Holding GmbH

IATF Contract Office: DQS Holding GmbH, Konrad-Adenauer-Allee 8-10, 61118 Bad Vilbel, Germany



By Royal Charter

Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

Maquinados y Estampados Nacionales Automotrices, S.A. de C.V.
 Calle B, Lote 9, Parque Industrial Canacintra
 Pachuca Hidalgo
 42186 Mexico

holds Certificate No: **EMS 702132**

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

The environmental management system designed to identify and control the environmental risks associated with manufacturing of metallic parts through stamping and welding process.

El sistema de gestión ambiental diseñado para identificar y controlar los riesgos ambientales asociados con la fabricación de partes metálicas mediante los procesos de estampado en frío y soldadura.

For and on behalf of BSI:

Carlos Pitango, Chief Operating Officer Assurance – Americas

Original Registration Date: 2019-08-02
 Latest Revision Date: 2019-08-02

Effective Date: 2019-08-02
 Expiry Date: 2022-08-01

Page: 1 of 1

...making excellence a habit.™

- SGC – IATF 16949

- SGA – ISO 14001;2015

PRODUCTS

[STAMPING TOOLS]



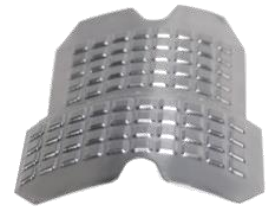
Covers



Links



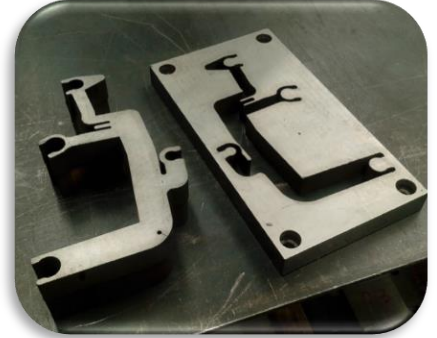
Deflectors



Brackets



Welded Parts



DOMESTIC AND EXPORT SALES

Location & Customers



HBPO
THE MODULE COMPANY



FRANKISCHE

ThyssenKrupp



Continental
ContiTech



A&P
SOLUTIONS

mabe

SAG
Progress in Aluminium



stowe
CARCO SYSTEMS



Contact

Address: Calle B, La Reforma, Parque Industrial
CANACINTRA. Mineral de la Reforma, Hidalgo,
México. C.P. 42186

Phone: (+52) 771 71 71 420

Sales: Ing. Benjamín Carranza Aulis

email: bcarranza@maena.com.mx

