



**Manufacturas Estampadas  
S.A. de C.V.**

# About us

Founded in 1988 by Belgian Ing. Willy Kerckaert  
European-Mexican management

## What we offer:

Metal stamping (progressive, semi-progr., transfer)  
Process simulations & product development cooperation  
Tool & die design and fabrication  
Sheet metal fabrications  
Tumble-deburr and industrial cleaning  
E-coat and powder coating  
Welding (MIG, spot, seam – robotic and manual)  
Hardware insertions, assembly, tox, tapping,...

## Main sectors:

All-Terrain Vehicles  
Automotive industry  
Lighting industry  
Telecom & server technology



IATF 16949 certified

**bsi.**  

## Certificate of Registration

QUALITY MANAGEMENT SYSTEM - IATF 16949:2016

This is to certify that:

Manufacturas Estampadas S.A. de C.V.  
Juan Ruiz de Alarcon No, 305  
Complejo Industrial Chihuahua  
Apartado Postal 1-74, Chihuahua  
Chihuahua  
CP 31136  
Mexico

operates a Quality Management System which complies with the requirements of IATF 16949:2016 for the following scope:

The manufacture of stamped and painted products including progressive dies, secondary operations.

Permitted Exclusions: Product Design

For and on behalf of BSI:

  
Carlos Pitarco, Chief Operating Officer Assurance - Americas

BSI Certificate Number: 88379  
IATF Number: 0440206

Certification Date: 2022-01-06

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...making excellence a habit.™

Latest Issue: 2022-01-06 Expiry Date: 2025-01-05

# Main Customers



Diversity of industries management (High-Low volume)  
Automotive, recreational vehicles, lighting and electronics.

# General Information



- 34 years experience
- 500 employees
- 59 million USD sales (2021)
- 3 plants  
(25,000 m2 in total)
- 48 stamping presses
- 3 turrets, 5 press brakes
- 5 MIG Weld robots.
- 13 spot weld centers
- Tox pressotechnik, tapping and hardware insertion
- Tumble deburr & industrial cleaning
- 2 Paint lines e-coat (gray and black) & powder





# Manesa plant 1

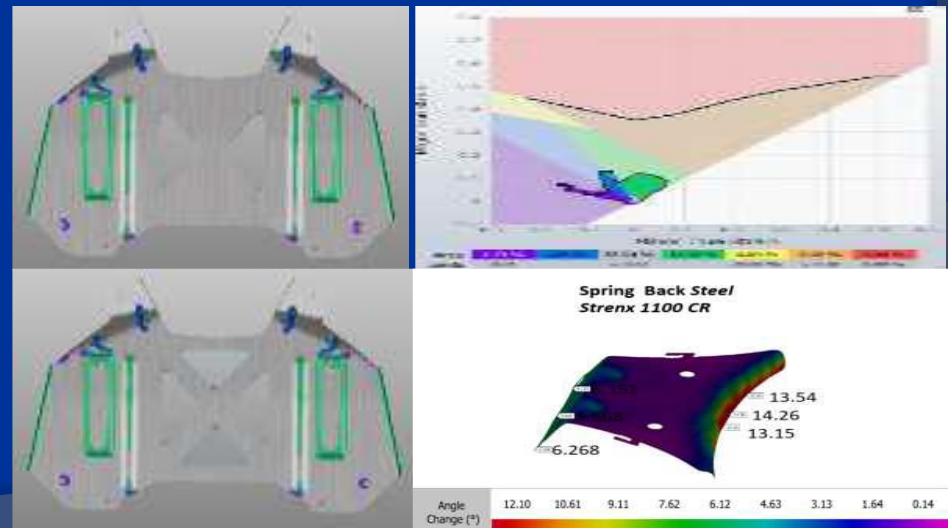


- Started in 1988
- 10,000m<sup>2</sup>
- Focus on high tons 400T / 600T Progressive and manual die.
- Tool design and process simulations
- Product development in cooperation with customers



## TOOL SHOP CAPABILITY

- Design
- Fabrication
- CNCs, W-EDMs
- Transfer existing dies
- Engineering changes
- Preventive maintenance





Tumble-deburr automotive safety parts



Robotic MIG welding (4 units)



E-coat black and gray  
(Ford, GM, Chrysler,...)

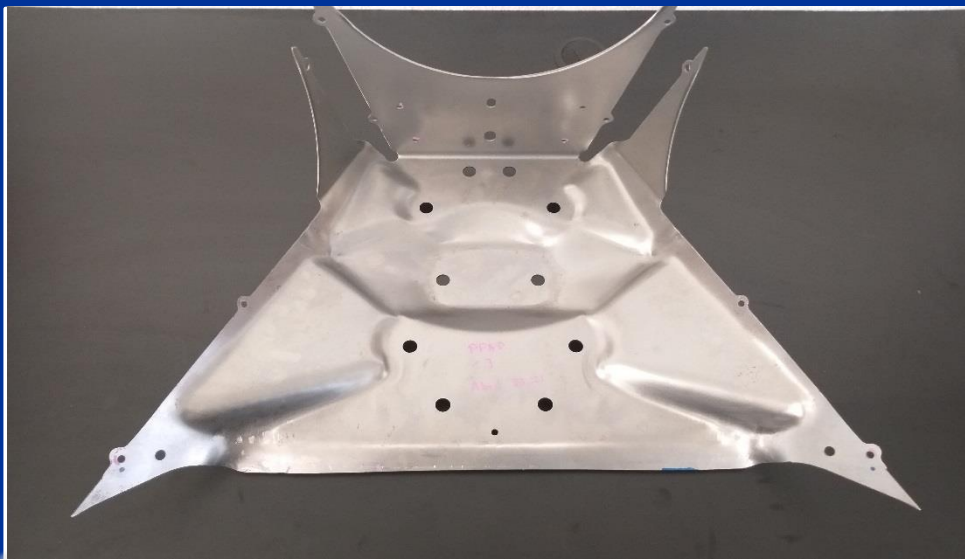


Resistance welding  
(VW, GM, BRP, Ford,...)





High strength materials, complex forms, assemblies, subassemblies



>60 parts developed with Advanced High Strength Steel - Dual Phase Steel DP980  
550 MPa min. yield strength ; 1000 MPa min. ultimate tensile strength



Complex forming of parts made with  
HSLAS-F grade 50 steel ASTM A1011



# Manesa plant 2



- ◎ Small and medium size stamped parts
- ◎ Started in 2013
- ◎ 7,000m<sup>2</sup>
- ◎ Stamping presses 100T and 200T



Housings, ballasts, brackets, covers, deep draw cups, heat shields, wiper parts, base plates ; broad variety of metals (CRS, HRS, aluminum, stainless, HSLA, Dual Phase Steel, brass, bronze, copper)

# Manesa plant 3



- Sheet metal fabrications:

## **Low volume production**

- Low cost tool investment
- 3 turret punch presses
- 5 press brakes
- 4 pem serters
- 13 spot weld centers
- Laser cutting (external)
- Short lead times

- 7,000m2

- Hardware insertion

- Assembly

- Large area and available capacity for new projects





# Quality & productivity

- ◎ Zero Defect Culture
  - \*2019 PPM 4.9
  - \*2020 PPM 4.0
- ◎ IATF 16949: 2016 certified by BSI – British Standards Institution
- ◎ Quality management system including risk assessment
- ◎ Lean manufacturing methods; strong focus on continuous improvement
- ◎ Acclimatized metrology lab



CMM Wenzel



Optical Comparator



# Locally outsourced activities



- ◉ Zinc coating
- ◉ Phosphate and oil
- ◉ Zinc, nickel and tin plating
- ◉ Heat treatment
- ◉ Component assembly
- ◉ Silk screen and pad printing
- ◉ **Black oxide**
- ◉ Material laboratory tests



# Logistics



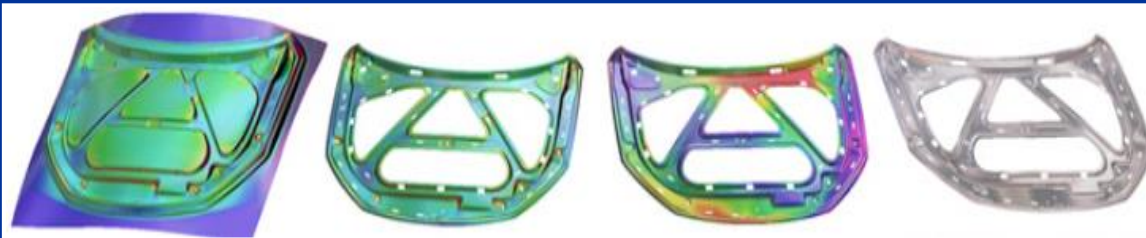
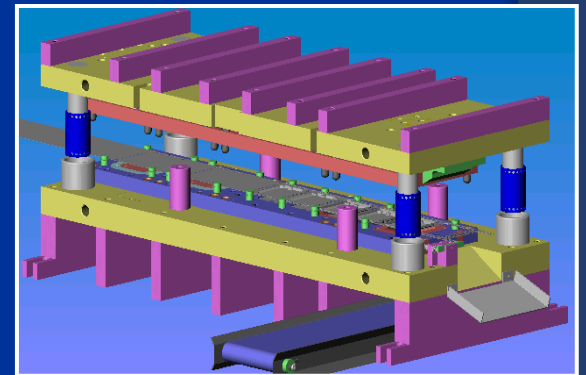
- ◉ Regular shipments to Ciudad Juárez, El Paso, Reynosa, Bajío,...
- ◉ Export to USA, Canada, South-America, Europe, Asia.
- ◉ Warehouse in El Paso
- ◉ MRP Epicor, VMI
- ◉ IMMEX permit





# Why Manesa?

- Competitiveness
- Technology
- Performance
- Supply Chain
- Implementation time
- Speed to response
- Flexibility



# Contact

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Multilingual support

