



**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



**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



- 36 years experience
- 500 employees
- 59 million USD sales (2021)
- 72 million USD sales (2022)
- 65 million USD sales (2023)
- 3 plants  
(25,000 m2 in total)
- 48 stamping presses
- 3 turrets, 5 press brakes, 1 laser
- 6 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

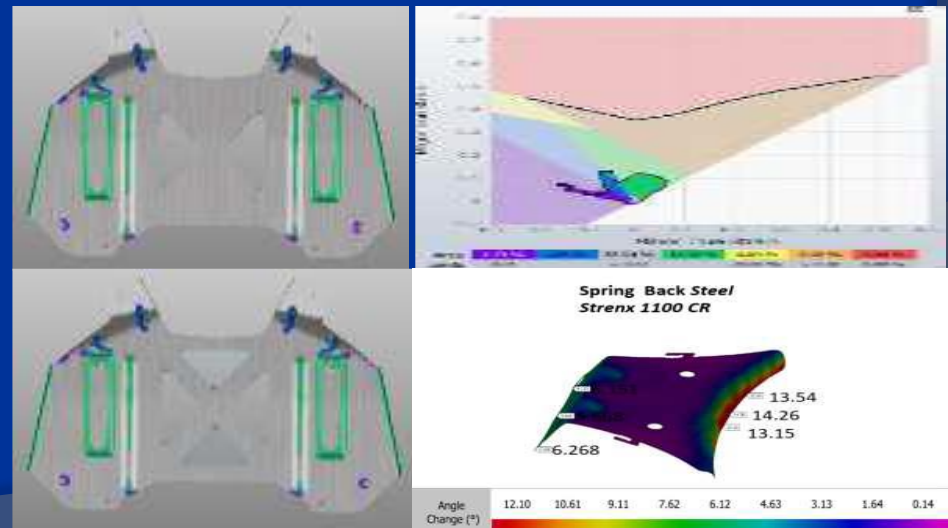


- Started in 1988
- 10,000m<sup>2</sup>
- Focus on high tons 400T / 600T Progressive and manual die.
- Tool design and process simulations
- Product development in cooperation with customers



## TOOL SHOP CAPABILITY

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





Tumble-deburr automotive safety parts



Robotic MIG welding (6 units)



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

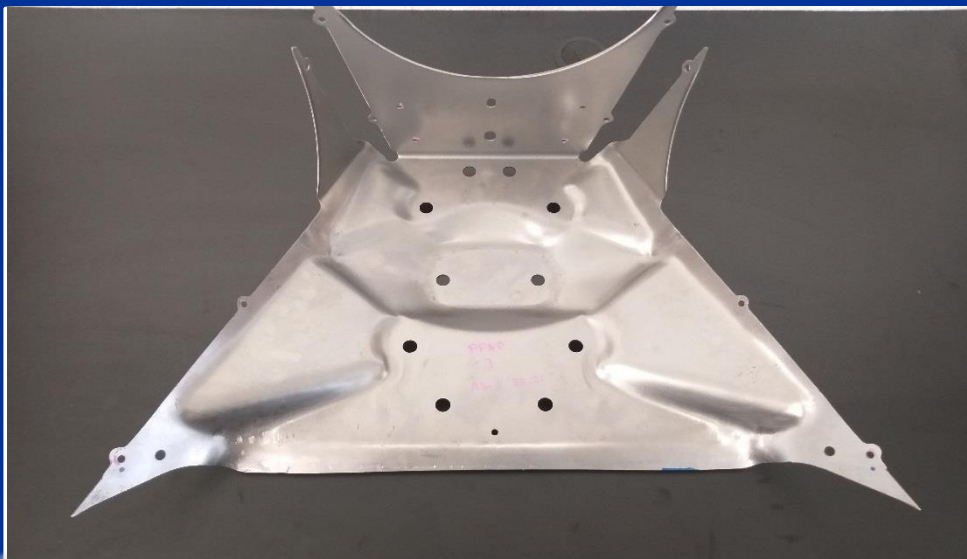


Resistance welding  
(VW, GM, BRP, Ford,...)





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 ( 6 kW)
- Short lead times



- 7,000m<sup>2</sup>
- Hardware insertion
- Assembly

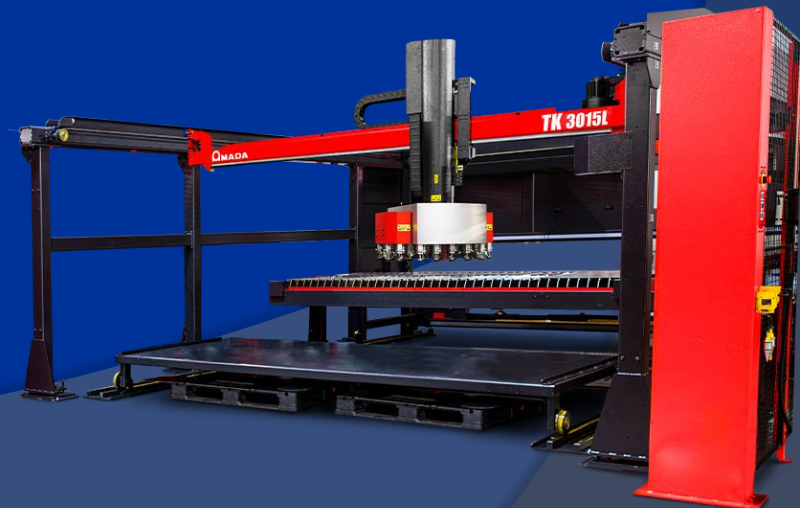
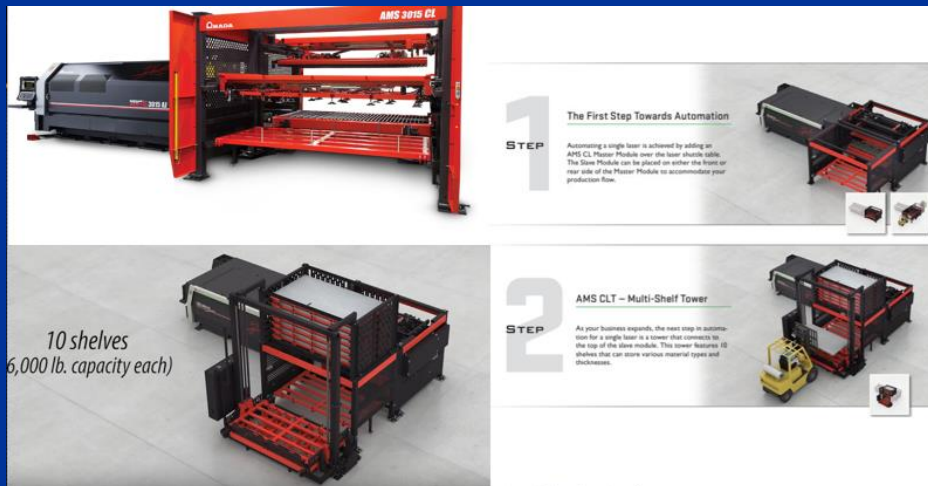


- Large area and available capacity for new projects

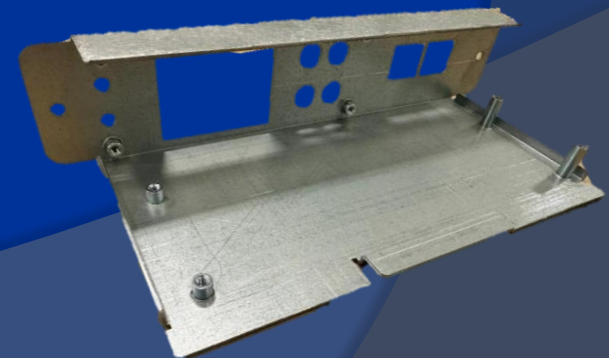
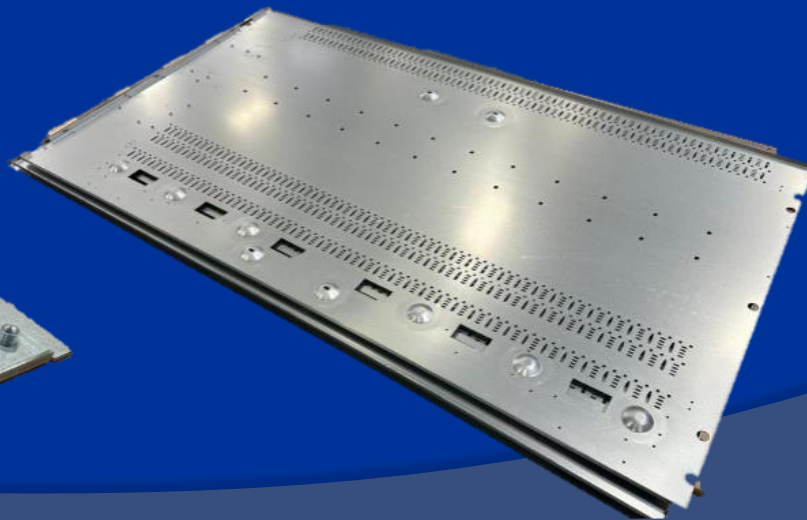
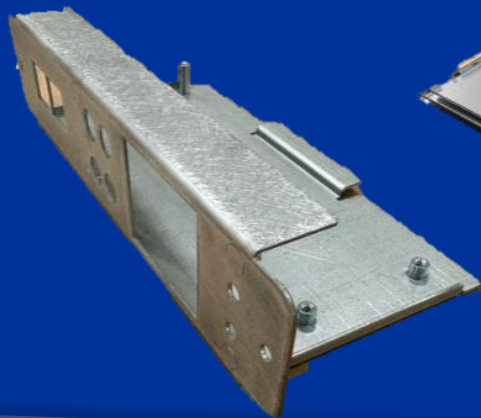
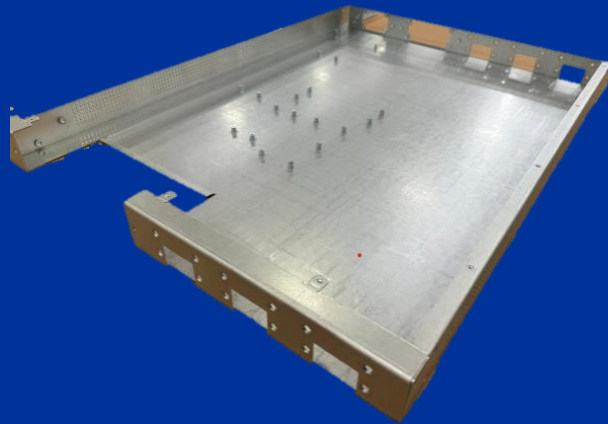
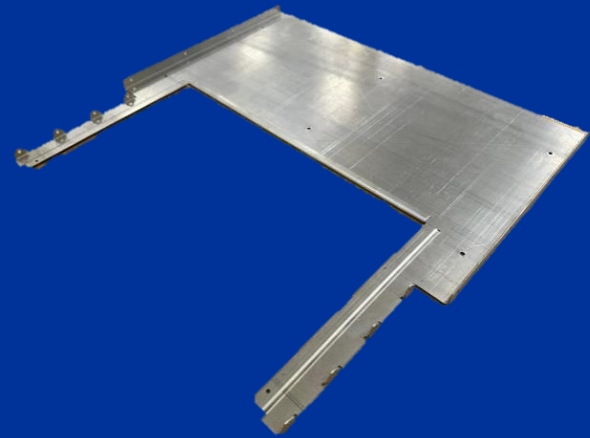


# Laser cutting specifications

- Model: Amada Ventis 3015 6 KW
- Description: Bend 3 x 1.5 m
- Software: Dr Abe Blank (Driver Laser) Upgrade
- Generator N2 ( Keiser): EZMO 1500
- Automated Part Sorting Cell: TK 3015L
- Loading and Unloading System: AMS3015 CL + Tower 10 SHELVES



# SHEET METAL PARTS EXAMPLES



# Quality & productivity

- Zero Defect Culture
  - \*2021 PPM 2
  - \*2022 PPM 20
  - \*2023 PPM 6
- IATF 16949: 2016 ( Plant 1 )
- ISO 9001:2015 ( Plant 3 )
- ISO 14001 in Progress
- CTPAT & OEA
- 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

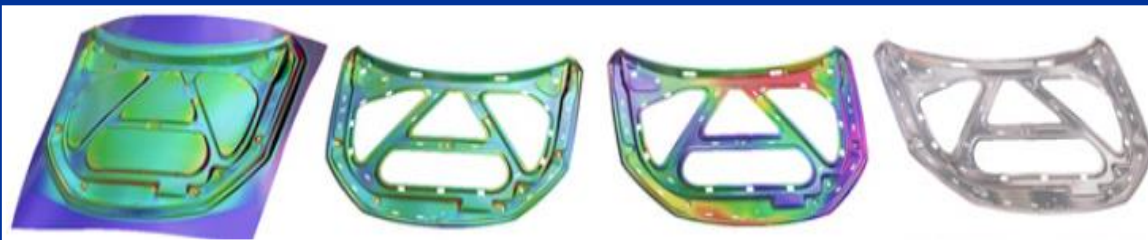
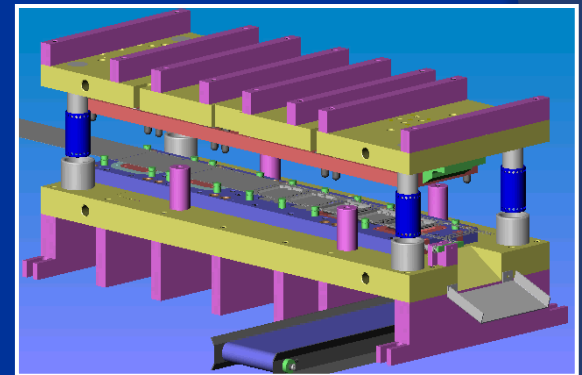


- ⦿ Regular shipments to Ciudad Juárez, El Paso, Reynosa, Bajío,...
- ⦿ Export to USA, Canada, South-America, Europe, Asia.
- ⦿ Warehouse in El Paso
- ⦿ CTPAT & OEA
- ⦿ MRP PLEX
- ⦿ IMMEX permit



# Why Manesa?

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





# Contact

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Multilingual support

