

LIGHTWEIGHT COMPONENTS MANUFACTURING



Arbomex LCM at a glance

Established	1998
Footprint	20,000 m2
Employees	+250
Business model	Tier 2
Capital	100% Mexican & Private owned



Stamping Technology Mexico



Transfer Presses

**6 presses from
540 to 800 tons**



Progressive Processes

**9 presses from
150 to 440 tons**



Manual Processes

**5 presses from
80 to 500 tons**

Stamping Technology Mexico



Stamping Technology Mexico

Transfer Presses



Stamping Technology Mexico

Progressive Processes



Stamping Technology Mexico

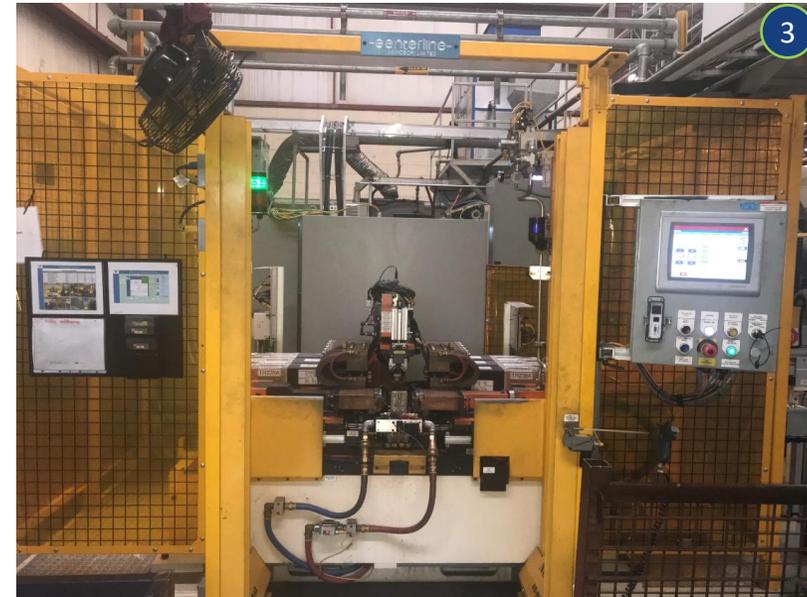
Manual Processes



Stamping Technology Mexico = Available Capacity

Item	Press	Tons	Stamping Process	Bolster size	Ram size	Ram adjustm.	Stroke	Shut height max.	Band width	Available Capacity
				mm	mm	mm	mm	mm	mm	% aprox
1	AIDA	80	MANUAL	950 x 600	540 x 460	80	160	320	N/A	80%
2	HWAIL	80		1050 x 580	690 x 400	80	130	350	10 - 160	
3	AIDA	110		1070 x 680	630 x 520	90	180	350	N/A	
4	AIDA	150		1170x600	700x580	100	130	350	50 - 500	
5	SCHULER	100		1000x1000	1000x1000	300	150	800	N/A	100%
6	CHING FONG	300		2500x1000	2200x900	100	150	500	N/A	100%
7	CAPITOL	500		2130x1220	2130x1220	N/A	600	1450	N/A	70%
8	SCHULER	200	PROGRESSIVE	1600x1000	1600x1000	100	150	450	50 - 500	66%
9	B&B	250*		1854x1067	1854x1067	254	152	457	50 - 900	
10	HWAIL	250		2400x920	2100x720	120	150	550	50 - 500	
11	HWAIL	400		2400x1000	2400x850	120	150	550	50 - 500	
12	SEYI -1	440		3100x1400	3100x1400	254	304.8	762	50 - 1100	
13	SEYI-2	440		3100 x 1400	3100 x 1400	254	304.8	762	100 - 914.4	
14	SEYI-3	330		2500x1370	2500x1370	254	254	700	100 - 914.4	
15	AIDA	600	TRANSFER	4500x1600	4500x1600	200	355.6	700	100 - 900	60%
16	B&B	600		3683x1372	3988x1372	304.8	304.8	762	50 - 500	
17	PTC 1	600		4500x1600	4500x1600	300	400	1100	Blank loader	
18	PTC 2	600		3658x1524	4369x1524	304.8	406.4	914	50 - 1100	
19	PTC 3	800		5182x1829	5182x1829	304.8	609.6	1219	100 - 914	72%
20	PTC 4	800		5232x1219	5232x1219	203.2	304.8	933	50 - 900	

Other Processes Capabilities => Welding



Welding Process

1. LAUNIK Machine
2. Messer Machine
3. Centerline Machine
4. KOCH Machine



Other Processes Capabilities



Washing Processes

(3 washing machines, 1 recently installed)

Tapping + Riveting processes

(3 CNC machines + BALTEC riveting machine)

Staking Operations

(5 staking processes)



Tool Making



Equipment

- Tool shop fully equipped for tool making and maintenance
- Computer aided manufacturing (CAD/CAM).
- CNC 5-axis machining center.
- In-house heat treatment.
- Design software: SolidWorks, NX 11 and AutoCAD 2016.

Education as toolmaker (“Ausbildung”)

- Toolmakers and Tool designers from German culture with broad experience of more than 25 years.
- Mexican tool makers trained at Germany.
- Apprenticeship program.
 - A 3 year dual program based on German “toolmaker”
 - Professional training contents translated into Spanish
 - 6 apprentices contracted in current generation
 - 7th generation in development.

Tool Room – Equipment list

Maquina	Tipo	Marca	Modelo
MA-YCM-03	CNC	YCM	FV50T
MA-CHE-4VK1	Perfiladora	Chevalier	FM-4VKH
MA-CHE-4VK2	Perfiladora	Chevalier	FM-4VKH
MA-CHE-4VK3	Perfiladora	Chevalier	FM-4VKH
MA-FSG-618M	Rectificadora	FSG	618M
MA-CHE-1028	CNC	Chevalier	1028
MA-OK-0820	Rectificadora	Okamoto	820
MA-JU-01	Rectificadora	Jung	HF-40
MA-HE-01	Torno	Hembrug	
MA-VI-01	Perfiladora	Viwa	VF5B
MA-DOALL	Sierra	Doall	400M
MA-TU-1660	Torno	Turrent	RLE-1660
MA-ARD-200	Erosionadora	ARD	A-200
MA-MAIN-01	Sierra	Main Casa	MC-712
MA-PI-250	Torno	Pinacho	250
MA-HA-0710	CNC	HASS	VF2B
MA-OK-618	Rectificadora	Okamoto	618
MA-MIT-01	Erosionadora	Mitsubishi	W31MV-2
MA-MAK-01	Erosionadora	MAKINO	U6
MA-CHILLER-09	Chiller	ORION	RKS750F-M
MA-DMG-50U	CNC	DMG MORI	CMX 50 U
MA-JOE-01	Barrenadora	JOEMARS	JM528DZ
MA-SAT-01	Rectificadora	SATURNO	M8204H
MA-ARI-01	Torno	ARIES	C0636Ax100TOP
MA-CHE-2440	Rectificadora	Chevalier	FSG-2440ADS
MA-CHE-818	Rectificadora	CHEVALIER	FSG-3A818

Current Customers

The logo for ABB, consisting of the letters 'ABB' in a bold, red, sans-serif font.The logo for Brose, featuring the word 'brose' in a bold, red, lowercase sans-serif font, with the tagline 'Technik für Automobile' in a smaller, red, sans-serif font below it.The logo for Bosch, consisting of the word 'BOSCH' in a bold, red, uppercase sans-serif font.The logo for Continental, featuring the word 'Continental' in a bold, orange, lowercase sans-serif font, with a circular emblem to the right containing a horse and the word 'CONTINENTAL'.

SANMINA®

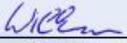
The logo for Valeo, featuring the word 'Valeo' in a bold, green, lowercase sans-serif font, with a blue swoosh underneath.

Certifications

Certificate

Standard	IATF 16949:2016 <small>(1st edition, 2016-10-01)</small>
Certificate Registr. No.	01 111 063430
IATF Certificate No.	0518654

Certificate Holder:	Arbomex LCM S.A. de C.V. Km. 12 Carretera Guadalajara - El Salto 45680 El Salto, Jalisco MEXICO
IATF USI:	LKHS4K
Scope:	Stampings, Forming and Assembly of Metal-Mechanical Components. Excluding Product Design
Validity:	Proof has been furnished by means of an audit that the requirements of IATF 16949:2016 are met. The certificate is valid from 2024-05-22 until 2027-05-21.
Release date:	2024-05-22


 TÜV Rheinland Cert GmbH

Certificate

Standard	ISO 14001:2015
Certificate Registration No.	74 800 1107

TÜV Rheinland de México, S.A. de C.V. hereby certifies that:

Certificate Holder: **ARBOMEX LCM, SA DE CV**
Km. 12 Carretera Guadalajara – El Salto Via el Castillo 45680 El Salto, Jalisco, México.

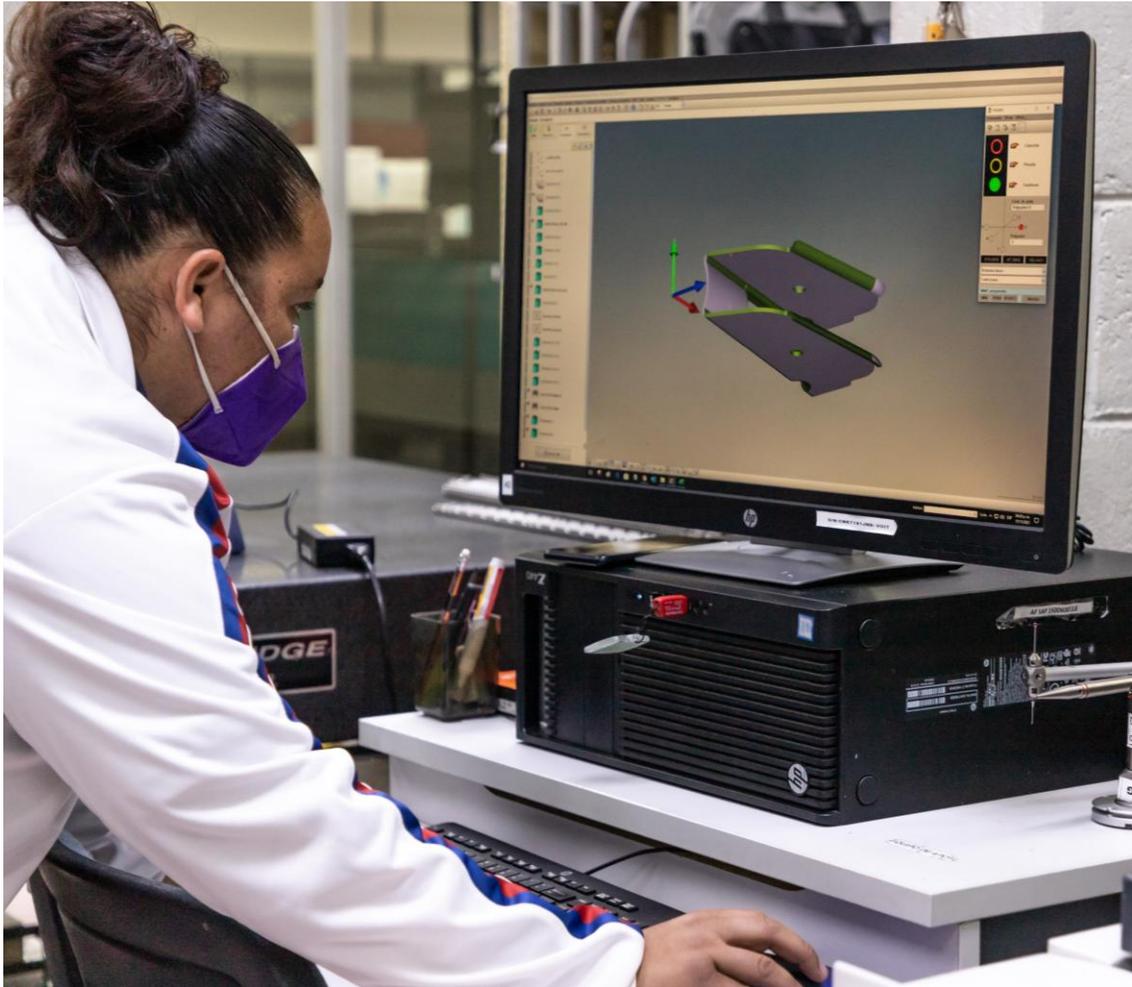
Has established and applies an Environmental Management System for the:

Scope: **Stamping, forming and assembly of metal-mechanical components for the automotive and industrial sector.**

An audit was performed and documented in Report No. 1107 Proof has been furnished that the requirements according to: **NMX-SAA-14001-IMNC-2004** **ISO 14001:2015** are fulfilled.

Validity: The certificate is valid from 08-04-2024 until 28-05-2027.


 TÜV Rheinland de México S.A. de C.V.



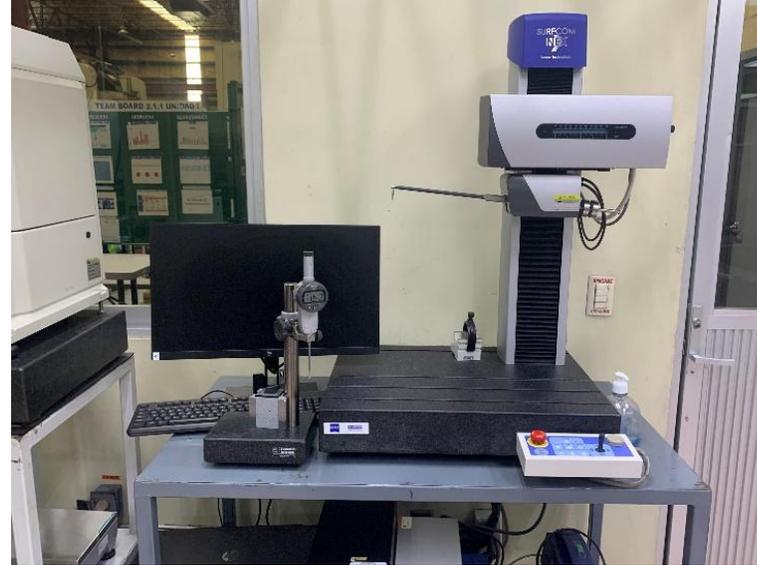
Quality Lab equipment:

- 3 + 1 Coordinate measurement machine (CMM)
- Optical comparator
- Hardness testing machine (HR)
- Surface roughness tester
- Profilometer
- Air-conditioned environment
- Statistic process control (SPC)
- Part specific production gages

Quality – Measurement Control



Quality – Measurement Control



Product Portfolio - Automotive

Motor Housings and Endshields



Housing & Vacuum components



Headers and Side Plates

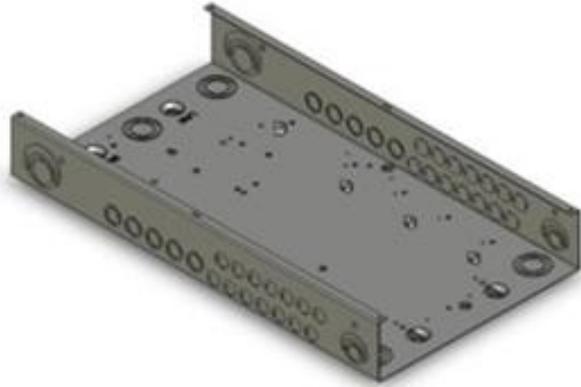


Shock absorber components



Product Portfolio – No Automotive

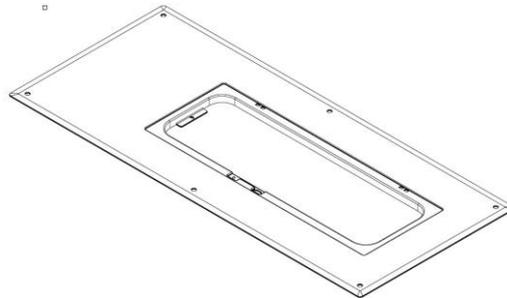
Electric Boxes



Industrial Motor Housing



IT sites



THANK YOU!



@ARBOMEX_OFICIAL



@ARBOMEXGTO

LinkedIn /ARBOMEXMX