



**WE
KNOW
STEEL**



OUR COMPANY

- Mexican company.
- Established In 2004, in Saltillo Coahuila.
- In 2013 the company expanded to San Nicolas de los Garza, Nuevo Leon.
- Vertically integrated:
Metal fabrication + Stamping + Welding + Painting process (E- Coat / Powder Coat).
- 85% of our sales are for the automotive industry, 15% home appliances.
- Certified with **ISO:9001-2015**.
- **IMMEX** Registry.

	SALTILLO	MONTERREY
METAL CUTTING	■	
BLANKING	■	■
STAMPING	■	■
METAL FABRICATION		
Light	■	■
Weight	■	
PAINTING		
Spray	■	
Powder		■
E-Coat		■
TOOLING MAINTENANCE & REPAIR		■

CAPABILITIES BY LOCATION

In response to our Customer's needs, we have developed technological specialties to generate higher value saving on logistic costs while offering a complete range of solutions.

COAHUILA PLANT

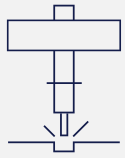
Site: 84,600 m²
Roofed area: 34,562 m²

NUEVO LEON PLANT

Site: 102,065 m²
Roofed Area: 50,095 m²

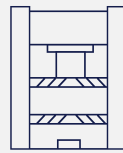
TECHNICAL CORE COMPETENCES

2020



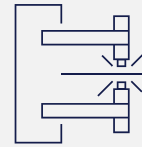
METAL FABRICATION

Complex assemblies great scale and low volume.



STAMPING

Progressive process and manual transfer.



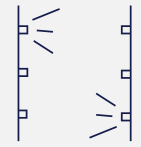
ASSEMBLY

Projection welding, MIG, TIG, and robotic welding.



E-COAT

Capacity 14,000 ft²/hr.



POWDER COAT

Capacity 6,000 ft²/hr.

TECHNICAL CORE COMPETENCES

Metal Fabrication

CUTTING PROCESS LASER-PLASMA

■ Laser ■ Plasma

DESCRIPTION	ID	W (ft)	H (ft)	MATERIAL	TH MAX.
Laser Trumatic L3030 (3500 watts)	LA-01	5'	10'	Aluminium, carbon steel,	3/8"CS, 5/16"SS
Laser Bystronic (4000 watts)	LA-02	6.5'	13'	stainless steel.	1/2"CS & SS
Plasma Komatsu	VA-36	6'	20'	Carbon steel,	1"-3"CS, 3/4"SS
Plasma Komatsu	VA-42	6'	12'	stainless steel.	3/4"CS, 1/2" SS

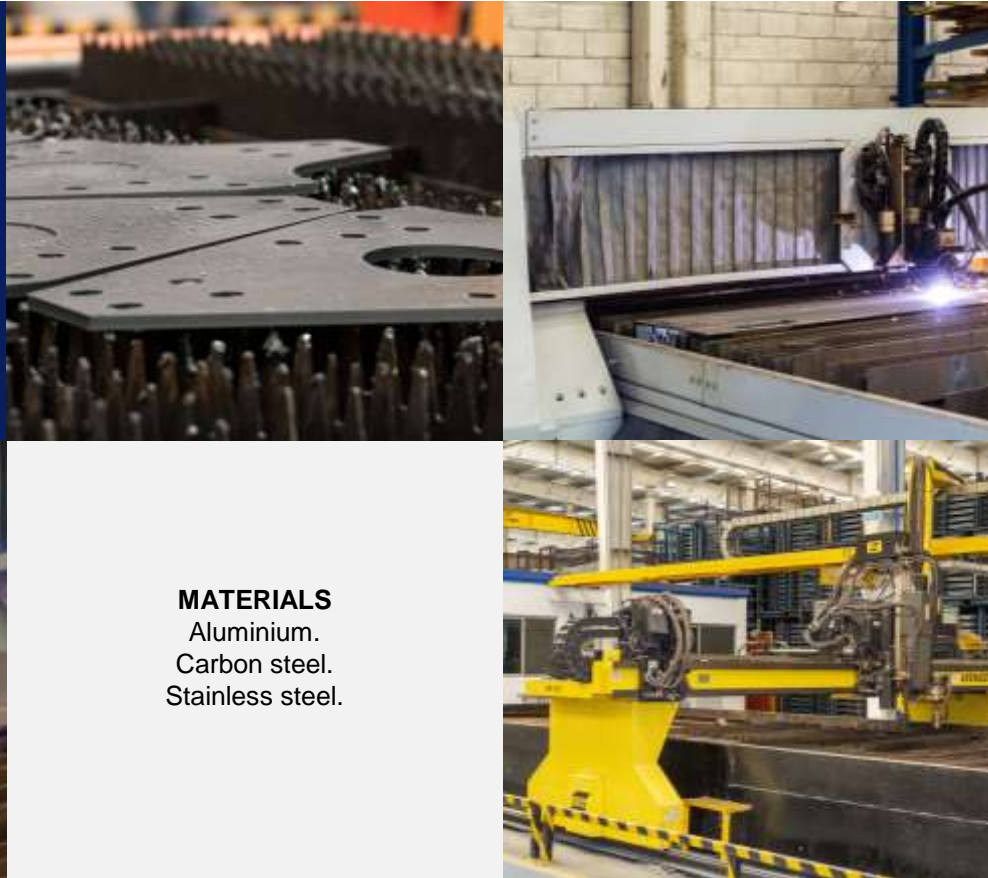
MACHINE LIST.

DIMENSIONS

Width: 5' - 6.5' ft.
Length: 10' - 13' ft.

MATERIALS

Aluminium.
Carbon steel.
Stainless steel.



TECHNICAL CORE COMPETENCES

Metal Fabrication

WELDING PROCESS

In constant search for evolving adding value to our products and processes, we have developed the assembly division, where we can offer the following capabilities:

- Manual welding assemblies
- Assemblies with robotic cells in MIG, TIG and of projection in Carbon steel, stainless steel and aluminium.

ROBOTIC ASSEMBLY

We have areas for the installation and development of new automated assembly lines in Coahuila and Nuevo Leon. Our engineers and automation specialists are available to identify new business opportunities for future outsourcing projects for assembly lines of finished products, offering clients substantial savings, guaranteed supply and quality of the finished product.

CAPACITY

25 cells

MATERIALS

Aluminium
Carbon steel
Stainless steel



DESIGN

Based on volume and technical specifications and specific customer requirements.

ASSEMBLY CELLS

Automated and dedicated for each project.



TECHNICAL CORE COMPETENCES

Metal Fabrication

STEEL BENDING

BENDERS
4
RANGE
50 - 400 tons.



LENGTH
2' - 18' ft.

MAX THICKNESS
Up to 3/8".



DESCRIPTION	ID	CAPACITY (U.S. TON)	LENGTH (ft)	THK,MIN (in)	THK,MAX (in)
Cincinnati	VA-13	230	14'	GA22	3/8"
Cincinnati	VA-18	300	12'	GA22	3/8"
Cincinnati	VA-20	400	16'	GA22	3/8"
Ermaksan	VA-23	320	10'	GA23	3/8"

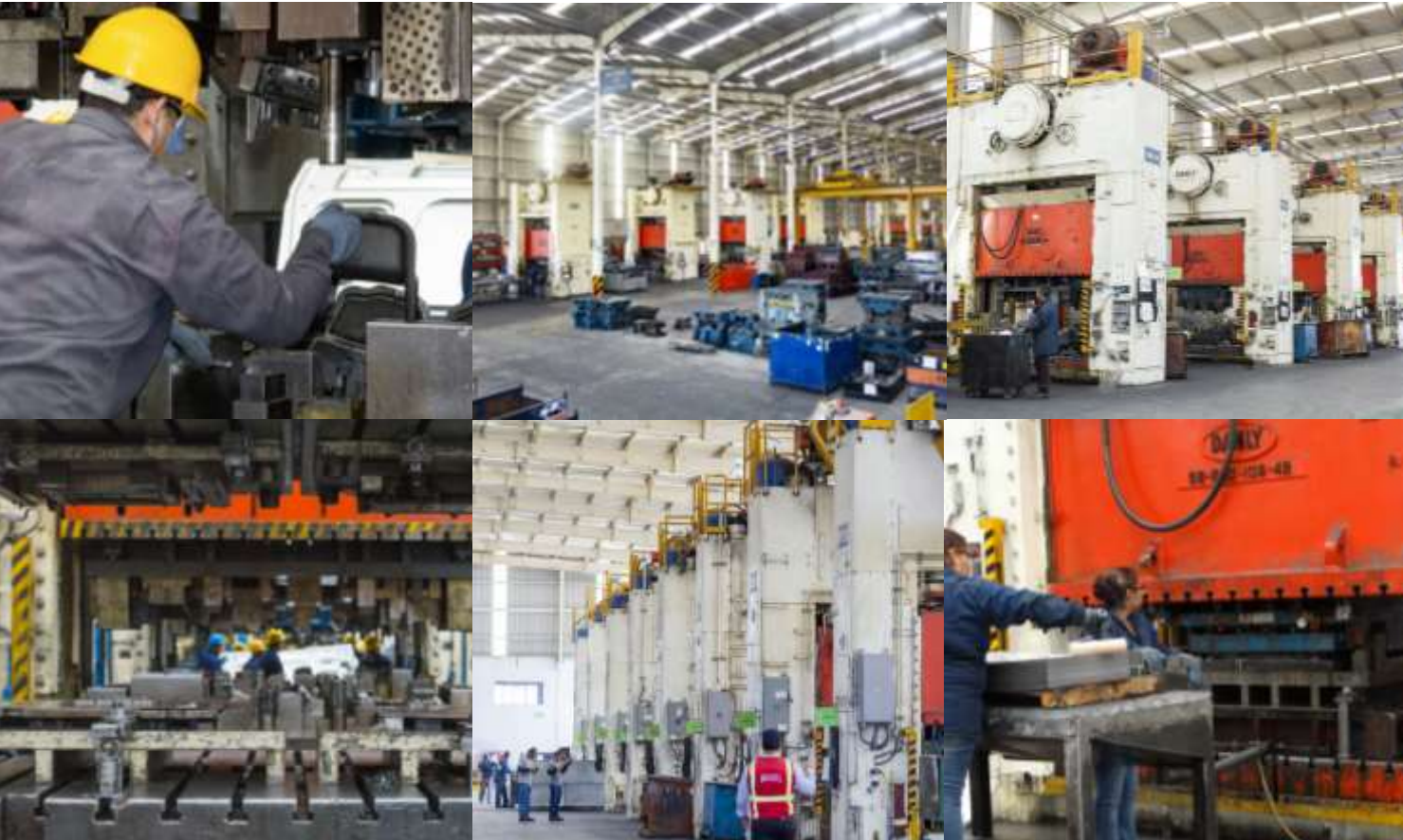
MACHINE LIST.

TECHNICAL CORE COMPETENCES

Stamping

STAMPING PROCESS

- We are equipped with **86 presses** with a range from 90 to 2000 tons.
- **Progressive processes** from 90 tons to 2000 tons.
- **Manual processes** from 400 up to 1500 tons. With a maximum bed size of 108" x 200" in 1000 tons presses, Up to 1500 tons with buffers.
- **Blanking presses and progressive** with maximum bed capacity of 96" x 144".



QTY.	BRAND	CAPACITY (U.S. TON)	BOLSTER SIZE	ROUTE OF THE CONNECTING ROD	ADJUSTMENT TRAVEL	H. ADJUSTMENT		OPERATOR MODE	
						MAX.IN	MIN.IN	SINGLE	PROGR.
2	USI	INTE 800/ EXT 600	84 x 144	30	36	82	46	X	
1	RAVNER	800 US	120*84*8	16	8.25	36	27.5	X	X
1	USI	2000	72 x 144	30	12	44	32	X	
1	USI CLARING	1500	54*60	18	12	35	23	X	
1	USI	1250	60 x 108	30	18	44	26	X	
2	USI	1250	60 x 108	30	18	48	30	X	
4	SCHULER	1100	180 x 108	30	24	60	36	X	
1	SCHULER	1000	108*42*8	20	13	43	30	X	
1	USI CLARING	1000	108*60*8	20	13.25	46.5	34.5	X	
1	VERSON	1000	144*96*10	12	5.75	47.75	42	X	X
1	USI CLEARING	1000	144"x 96"	12.38	6	75.63	69.63	X	X
1	DANLY	1000	180 x 96	30	24	60	36	X	
1	DANLY	1000	180 x 96	30	24	60	36	X	
1	BLISS	850	96 x 144	20	20	50	30	X	
5	BLISS	800	72 x 108	20	20	49	29	X	
2	DANLY	600	108*48*4	24	16	48	32	X	
1	DANLY	600	108*48*4	24	X	48	32	X	
1	DANLY	600	108*48*4	24	11	48	37	X	
1	DANLY	600	132*84*7	28	13	58	45	X	X
1	DANLY	600	132*84*7	28	15	57	42	X	
1	DANLY	600	132*84*7	28	13	55	42	X	
1	DANLY	600	132*84*7	28	15	56	42	X	
3	DANLY	600	108*42*8	18	14	44	30	X	
1	DANLY	600	108*42*8	18	11	44	33	X	
1	DANLY	600	108*42*8	18	14	43.75	30	X	
1	DANLY	600	108*42*8	18	11	42	31	X	
2	DANLY	600	108*42*8	18	14	44	30	X	
1	USI	600	84 x144	30	30	50	20	X	
2	USI	500	60 x 108	30	18	44	26	X	
5	USI	400	8 x 72 x 120	30	30	52	22	X	
1	USI	400	72 x 120	30	30	52	22	X	
1	USI	400	72 x 120	30	30	52	22	X	
1	USI	400	72 x 120	30	30	52	22	X	
1	VERSON	300	96*48*3	17 1/4"	7.75	27.5	19.75	X	X
1	VERSON	300	96*48*3	17 1/4"	7.75	26.375	19	X	X
1	VERSON	250	96*48	20	4	48.25	44.25	X	
1	VERSON	250	96*48	24	10	54	44	X	
1	VERSON	250	96*48	24	9.125	53.25	44.125	X	
1	VERSON	250	96*48	" 20	10	54	44	X	
1	USI CLARING	200	35*54	11 3/4	4.75	19.25	14.5	X	X

TECHNICAL CORE COMPETENCES

Stamping

STAMPING PROCESS

- We are equipped with **travel cranes** of 10, 15 and 20 tons.
- Production **capacity guaranteed**
- **Two manufacturing sites:** Saltillo and San Nicolas de los Garza
- **Toolmakers groups** for maintenance and repairing in both sites.

MACHINE LIST.

BLANKING PROCESS

- **Blanking press MP400**

Capacity 1000 tons

Bed 144" X 96"

- **Blanking Press MP 420**

Capacity 1000 tons

Bed 144" X 96"



TECHNICAL CORE COMPETENCES

Assembly

MANUAL WELDING

BRAND	ID	WELDING PROCESS	SPECIFICATIONS
Miller Dimension 452	SO: 01,02,03,04,05,07,17,25,27,84,86,87	GMAW,SMAW,FCAW,SAW,GTAW,CAC-A	INPUT: VOLTS 230/460 /575 AMP 90/45/36 KW 22.3 HZ 60 OUTPUT: VOLTS 38 AMP 450
Miller DeltaWeld 452	SO: 28,34,35,59	GMAW,FCAW,SAW,CAC-A	INPUT: VOLTS 230/460 /575 AMP 63/32/25 KW 21.1 HZ 60 OUTPUT: VOLTS 32 AMP 450
Miller Dimension 652	SO: 75,76,77,78	GMAW,SMAW,FCAW,SAW,CAC-A	INPUT: VOLTS 230/460 /575 AMP 126/62/50.4 KW 34.8 HZ 60 OUTPUT: VOLTS 63 AMP 650
Miller DeltaWeld 302	SO: 93,97,98,101,102,103	GMAW,GMAW,PFCAW,SAW,CAC-A	INPUT: VOLTS 230/460 /575 VCA AMP 42/21/17 KW 12.7 60 HZ OUTPUT: RANGO VOLTS 10-32 AMP 300

CAPACITY
25 Cells.

MATERIALS
Carbon steel.
Stainless steel.



SEMIAUTOMATIC WELDING
GMAW: Gas metal arc welding.
FCAW: Flux cored welding.
SAW: Shield arc welding.

MANUAL WELDING
GTAW-TIG: Tungsten inner gas welding
SMAW: Shield metal arc welding.

SPOT WELDING
RSW: Resistance seam welding.



TECHNICAL CORE COMPETENCES

Quality

CERTIFIED WELDING

We work and comply with the norms and codes of:

- AWS (American Welding Society).
- ASME (American Society of Mechanical Engineers).
- WPS (Welding Procedure Specification).
- WPQ (Welder Procedure Qualification).
- The American Society for Nondestructive Testing.

CERTIFICATION ISO-9001:2015



The American
Society for
Nondestructive
Testing



American Welding Society®



POWDER COAT PAINTING

WORK WINDOW

Width 3 ft.
Height 6 ft.
Length 9 ft.



AREA
2,000 m².

CAPACITY
6,000 ft²/hr.



- 11 station process
- Application according to customer's specifications
- Heated at 180° C for 20 minutes metal temp.
- Line speed 10 ft/min
- Load capacity 6,000 ft²/hr.

ELECTROPHORETIC PAINTING

BY IMMERSION

- 11 station process
- E-Coat application **Powercron 6100 HE PPG**
- Heated at 180° C for 20 minutes metal temp.
- Line speed 18 ft/min
- Load capacity 14,000 ft²/hr.
- Area 3,000 m²
- Advice, support and certified by PPG
- Work window: width 3 ft, height 6 ft, length 9 ft.



9984120, 9986165
GM14671TYPE A&H



MPAPS-G9009



DBL 7381.22
DBL 7391.0/10/54/60



MS PB 60-25
MS PB 60 2H



WSS-M2P177-A,B,C
WSS-M64139-A
WSS-M64140-A



MPAPS-G9009



GS90011
(VDA621-415)



TL260;OfL-X630,
X634

MILITARY

MIL-DTL-53084B

E-COAT
SPECIFICATIONS

MAINTENANCE

Scheduled with
SMS Software.

INFRASTRUCTURE

Technicians and equipment
available in both Saltillo
and Monterrey.



TOTAL TECHNIANS
IN TOOL ROOM: **59**
TOTAL TOOLS: 387
AVERAGE TOOLS: **14**



SPECIALIZED TOOL MAINTENANCE

We guarantee productivity and the integrity of the tools complying with proactive measures, preventive and corrective maintenance by highly qualified personnel.

- CNC Haas
- Surface grinder
- Boring machine
- Lathe and milling machines
- MasterCam and SolidWorks

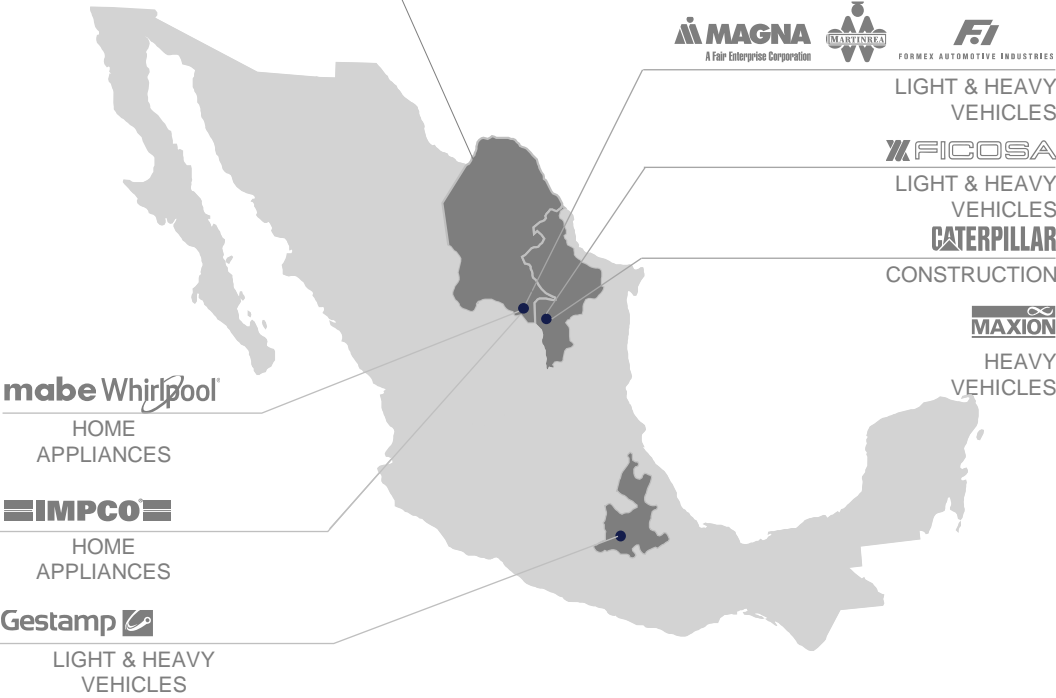
QUALIFIED STAFF

We have the experience and mediums to ensure the correct functioning of the tools.

CURRENT CUSTOMERS

MEXICO & WORLDWIDE

JOHN DEERE
AGROINDUSTRY AND TRACTORS



camfil
FILTRATION SYSTEMS

AAF
FILTRATION SYSTEMS

BRADEN
FILTRATION SYSTEMS

VRsteel
FILTRATION SYSTEMS



**WE
KNOW
STEEL**