

Indústria e Comércio Ltda.

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Registrations CNPJ: MF: 67.117.705/0001-64

State Registration: 286.235.954.116 Municipal Description: 66.565-7

Directors Domingos Tabone

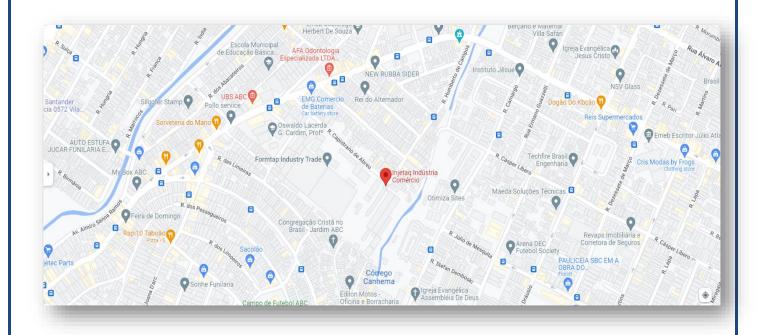
Edgard Gomes Edson Abrell

Foundation October 23, 1991

Properties -Headquarter 8.000 meters building area

-Land size: 17.000 meters

Location -Latitude: 23°40'1.12"S – Longitude: 46°35'56.48"O





The <u>INJETAQ INDUSTRIA E COMÉRCIO LTDA</u>, provides services for automotive industries, home appliances and toys, among others.

As work plan does not neglect the technical and professional development of its employees, keeping up with new techniques available in the labor market.

Area of Operation

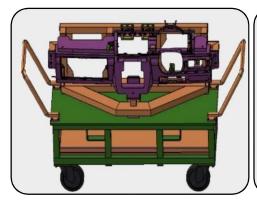
With equipment and hand highly skilled labor, the company is able to provide services in the areas of design and development, modeling, tooling, dimensional control and plastic injection as well as production of parts, experimental prototypes made of sheet metal or plastic.

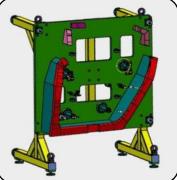
Design and development

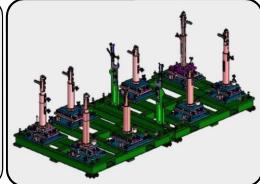
With equipment and skilled manpower highly specialized it provides services to auto and auto parts industries, working in the areas of product design, cutting and fountain tools, injection molds, mounting devices, machining devices, and control devices.

✓ Product design

The company develops studies (layout), product drawings, designs for tools and molds for prototypes.



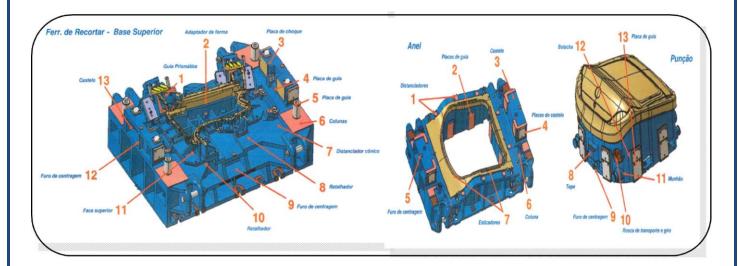






✓ Modeling

3D Modeling product (solid) from the product 2D drawings.



✓ Machining programs

We elaborate machining programs for CNC 3 and 05 axis machines in any language.

✓ <u>Development Tooling</u>

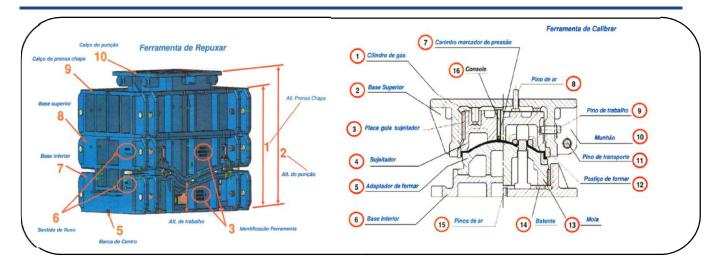
- CNC Machining in "styropor" visual model;
- Stamping Process Development;
- Preparation of press-plate study;
- fountain simulation development, DYNAFORM software;
- methods of plan Development of 2D and 3D operations software "CATIA";
- Preparation of surfaces for machining tools;
- Preparation of machining software programs NC MILL "CATIA" and WORK NC;

Tools Project

Design tools for tugging, cutting, punching, calibrating large, medium and small (side, roof, fender, doors, etc ...) tools like transfer, progressive, automatic and manual.

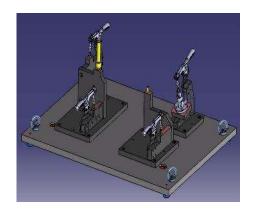


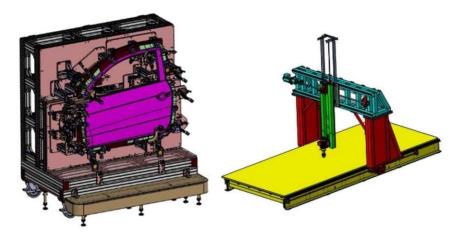
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✓ Devices and Special Machine Design

- Develops welding devices for assemblies and subassemblies.
- machining devices, inspection, control and final assembly.
- Special devices for production lines as stands for engines, automatic lines, special machines,
 etc...





✓ <u>Injection Molds</u>

Develops injection molds for large pieces, medium and small, such as appliques, battery cover, front and rear bumpers, dashboard, front grille, etc.

Total Area Management and Project: 1.400m²



Modeling

Manufactures models in styropor (Styroform) and wood for molding, standard models, copier / adjuster and control devices.

Manufacturing area: 1,000.00 m²

✓ Equipment's

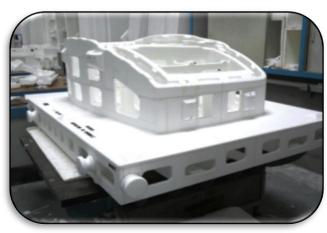
Quantity	<u>Equipment</u>	Dimensions/Capacity
4	MACHINING MACHINE CNC	X = 2,50M Y = 5,10M Z = 1,10M
3	BAND SAWS	DIAMETER 80 CM STEERING WHEEL
1	TROWEL	TABLE 2,10 X 0,30
2	COLUMN DRILLS	
2	DISC SANDER	DIAMETER 0,80M
30	BENCHES	1,60M X 2,20M
2	CIRCULAR SAWS	
5	STEEL PERFORMANCES	2,00 X 1,00M

View of Modeling and some equipment's











Tool Shop

Designs and executes injection mold plastic parts, stampings tool (twitch, cutting, flanging, punching), inspection devices and assembly and experimental pieces made of steel and plastic plates.

Manufacturing area: 4.000 m²

✓ Equipment's

Quantity	Equipment	Dimensions/Capacity (mm)		
2	MACHINING MACHINE CNC ZAYER - COMAND FIDIA KF 3000	3000 X 1200 X 1000		
1	MACHINING MACHINE CNC FADAL 4020	1000 X 500 X 500		
1	MACHINING MACHINE CNC FADAL 4525	1400 X 630 X 600		
1	MACHINING MACHINE CNC FADAL 6030	1500 X 760 X 760		
1	MACHINING MACHINE CNC LEADERWAY LX 3220	3200 X 2200 X 800		
1	MACHINING MACHINE CNC HARTFORD PRO-2150	2060 X 1560 X 780		
1	MACHINING MACHINE CNC HARTFORD HSA323EA	3000 X 2300 X 1000		
1	MACHINING MACHINE CNC HARTFORD W635	6000 X 3500 X 1080		
1	MACHINING MACHINE CNC ATM-TAQ	2500 X 5000 X 1100		
1	TOOL PRESETTER - EZSET-IC1			
1	BORING MACHINE – HBN-110 (TURNING TABLE)	1600 X 1000 X 1250		
3	MILLING MACHINES			
2	MECHANICAL LATHES	Ø440 X 1500		
1	FLAT GRINDER MELLO	550 X 250 X 250		
6	RADIAL COLUMN DRILLS	TABLE (900 X 1500)		
1	OVERHEAD CRANE	15 TON + 7TON (HOOK AUX.)		
3	OVERHEAD CRANE	20 TON + 7 TON (HOOK AUX.)		
2	HYDRAULIC PRESS - JONASA	TABLE 2000 X 3000 / 500 TON		
1	HYDRAULIC PRESS - MULLER	TABLE 2000 X 2500 / 630 TON		
1	HYDRAULIC PRESS DOUBLE ACTING - INNOCENTINI BLANCH	TABLE 2285 X 3505 / 1250-750 TON		
* Quality control containing: Straighteners, micrometers, calipers, tracers, micrometers, among others.				

View of Tool Shop and some equipment's





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Dimensional Control

Provides measurement services and Dimensional control of parts in all sectors of industry. With highly sophisticated equipment allowing high technology in the measurement area, featuring the following equipment:

Manufacturing area: 1,050.00 m²

✓ Machine SMM

• Measuring range (X; Y;Z): 6.000 X 3.000 X 2.000 mm

• Head model: RENISHAW PH10M

• Quantity: 2

✓ Software Installed

Poliworks 2017

View of Dimensional Control and some equipment's







Plastic Injection

Performs technical parts for automotive industries, toys and appliances.

Ability to inject parts up to 350 grams.

Manufacturing area: 550,00 m²

✓ Available Equipment

Quantity	Equipment	Capacity (ton/gr)
1	INJECTION MACHINE BRAND ORIENT – AUTOMÁTICA C / MICROPROCESSOR	180/350
1	INJECTION MACHINE MARCA ORIENTE – AUTOMÁTICA C / MICROPROCESSOR	60/100
1	INJECTION MACHINE PIC – AUTOMATIC C/ MICROPROCESSOR	51/110
1	INJECTION MACHINE BATTENFELD – AUTOMATIC	140/160
1	INJECTION MACHINE PIC PETERSEN – AUTOMATIC	20/70
1	INJECTION MACHINE BRAND SINITRON SYA – AUTOMATIC	60/130
1	INJECTION MACHINE EUROSTEC (BOLE) – AUTOMATIC	140/130
1	INJECTION MACHINE EUROSTEC (BOLE) – AUTOMATIC	100/320
1	INJECTION MACHINE EUROSTEC (BOLE) – AUTOMATIC	70/160

View of Plastic Injection and some equipment's





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Major Suppliers:

























Major Customers:















