

COMPANY

FOUNDED IN 1948

PRECISION PARTS SPECIALIST

120 WORKERS

52 CNC MACHINES, ON A TOTAL OF ABOUT 120 MACHINES

JASIL production covers a large variety of processes with state of the art equipment's. This allows a big flexibility as customers can order a finished product with only one supplier.

JASIL has an R&D department that works on the launch of own products and supports customers on the development of their products in total exclusivity and confidentiality.

Constant innovation is leading JASIL to apply solutions according to Industry 4.0 concepts.

Kaizen lean, "zero defects" and Six Sigma methodologies helps JASIL to focus on quality, increasing productivity and reduce waste.

Safety, working conditions and Employees satisfaction is our strategy.

The company is planning to move to a new 10,000 sqm facility with a total land area of 45 000 sqm. (By the year 2025).



BUSINESS AREAS



FUTURE NEW FACILITIES



ACT TODAY ANTICIPATE THE FUTURE



KAIZEN LEAN
METHODOLOGY



INDUSTRY 4.0
SOLUTIONS



CONTINUOUS
IMPROVEMENT



ENVIRONMENTAL
RESPONSIBILITY



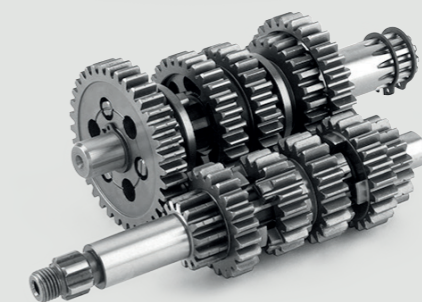
CONCEPTS
SIX SIGMA &
ZERO DEFECTS



PEOPLE DEVELOPMENT
AND TEAM BUILDING



HIGH
PRECISION
MECHANICAL
PARTS



www.jasil.com

[youtube.com/c/JasilTopRacing](https://www.youtube.com/c/JasilTopRacing)

[fb/Jasil.crankshafts](https://www.facebook.com/Jasil.crankshafts)

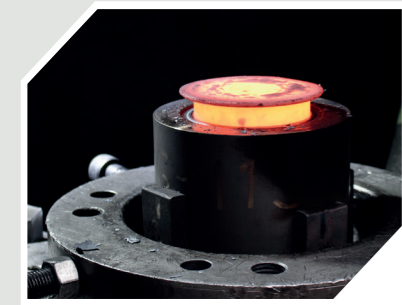
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PORTUGAL

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EMAIL INFO@JASIL.COM

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8° 24' 42.46" W

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PROCESSES DONE IN HOUSE:



FORGING

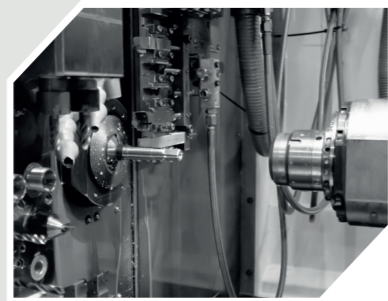
JASIL has hot and cold forging equipment's up to 500 tons. Has also impact and hydraulic machines able to forge steel, brass, and aluminium.

JASIL is investing on 3D aluminium forging. Equipment's available are Screw Impact and Hydraulic press up to 500 tons.

MACHINING & TURNING

CNC lathes with automatic bar feeder until 75 mm diameter with up to 8 machining axes for very complex machining parts.

Also CNC lathes without automatic bar feeders are available to machine parts until 500mm diameter. Some of it are robotized to increase productivity.



MILLING & GEAR MILLING

Lathes and milling machines are equipped with measurement probes to guarantee the machining result before finish machining program. Steel, iron, aluminium, brass, copper, titanium, magnesium, and plastic can be machined.

JASIL equipment is suitable to produce straight teeth and helicoidal teeth up to module 3.

GRINDING

Flat cylindrical, conic, and centreless grinding is available, grinding processes are suitable for out diameter and inner holes.

Shaft, conrods crankshafts, pedal shafts and others can be grinded.



ROBOTIZATION

JASIL has a robotization applied on some series operations.

OTHER SERVICES

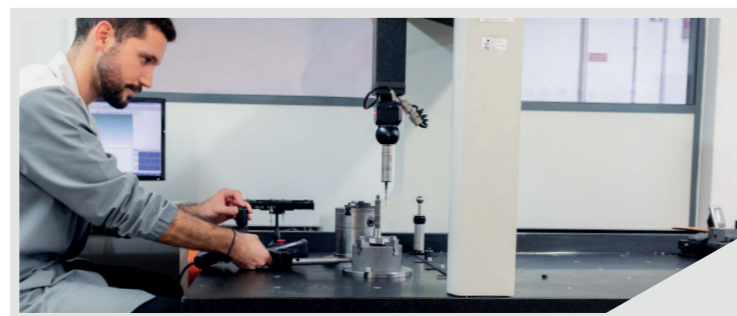
JASIL has specialized partners to make a large type of treatments. Some examples are:

- Heat treatment;
- Coating – Zinc, Copper, Nickel, Anodizing;
- Painting;
- Oxidation;

JASIL is able to make assembling, laser or pad printing marking, packaging, industrial or single personalized package



MAIN CONTROL AND INSPECTION EQUIPMENTS:

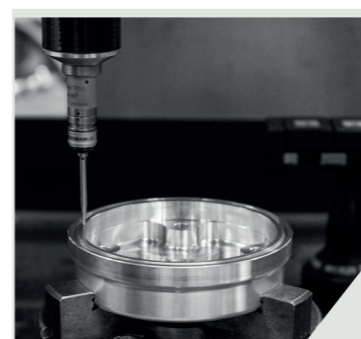


CMM MEASUREMENT MACHINE

3D control by point to point or scanning measurement up to 5 microns.

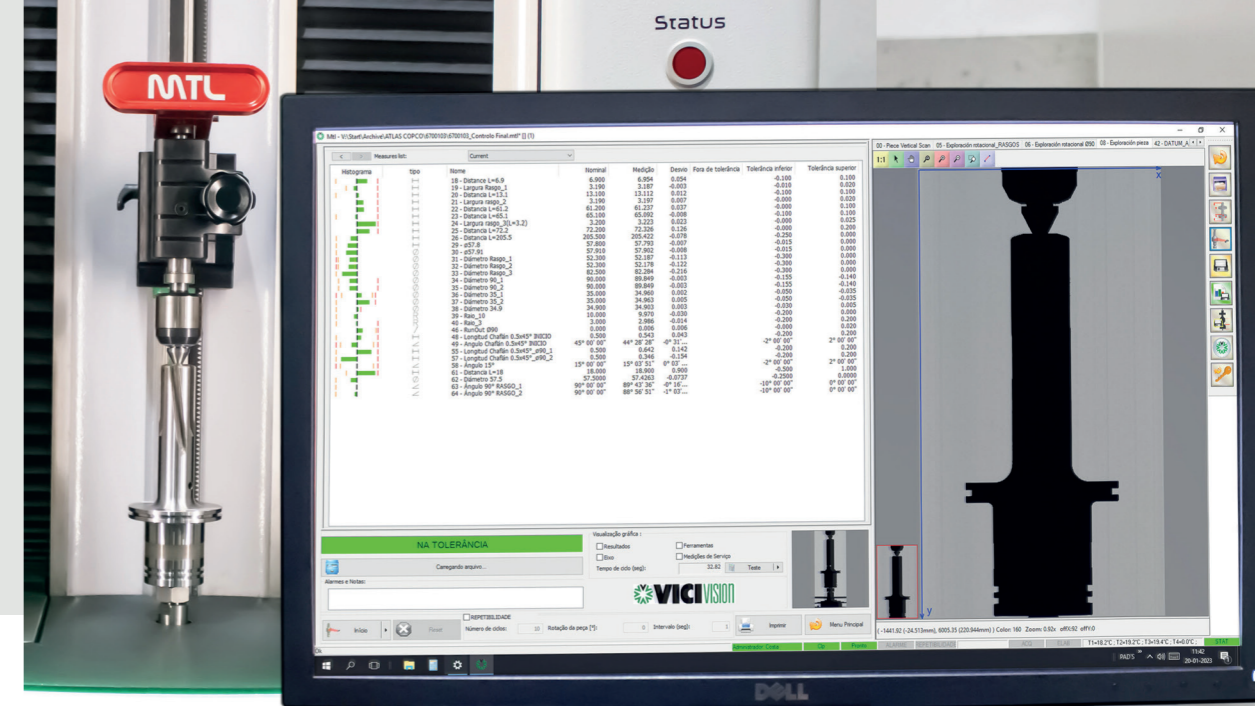
RENISHAW EQUATOR ON SHOOP FLOOR

For all measurements near the CNC machine. Point to point or scanning measurements can be done.



ABERLINK EXTREME ON SHOOP FLOOR

On the shop floor allow CMM precision measurements near CNC machines.



QUALITY IS JASIL ADN WITH CONTINUOUS IMPROVEMENT

- All important operations are controlled by automatic equipment to keep the measurements method stable all the time, avoiding human measurements errors.
- Measurements results are stored for capacity process control and later analyses with our customers.
- Project focusing on intelligent quality control systems – SADCoPQ.
- Great quantity and diversity of Quality Measurement Equipment - CMM with contact, point to point and scan functions: Contact less optical measurement equipment's, coating thickness, hardness, rugosity, etc.
- Quality system at JASIL is a day-by-day management tool allied with continuous improvement philosophy.



JASIL IS CERTIFIED SINCE 2011



Internacional Automotive Task Force

REQUIREMENTS ON IMPLEMENTATION CERTIFICATION EXPECTED IN 2024

SADCoPQ-Sistema de Apoio à Decisão Controlo Preditivo Qualidade

