

PREINSA manufactures precision parts for the assembly and manufacturing industry. The company has twelve years of experience in the market and has developed strategic relationships with a highly qualified group of other manufacturing companies in close proximity to the company. The custom parts manufactured by Preinsa are manufactured to the standards and technical specifications submitted by our customers.

PREINSA facilities are located in an industrial park in the city of Cartago, in Costa Rica 30 minutes away from the country's capital, San José, and 60 minutes from the international airport. The company operates in a special free tax and exporting zone which allows Preinsa to offer quality precision manufacturing services at very competitive price points.

PREINSA has served world-class organizations such as Intel Costa Rica, Trimpot Electronics, Hologic and Vitec Videocom and Hydro-Aero U.S.A. Vitec Videocom (<http://www.vitecvideocom.com>), is a division within the Vitec Group (British/ German) that designs and manufactures best-in-class innovations for cameras and enjoys a lead market share with in its industry worldwide. These innovations are used in studios and on location by the world's foremost broadcasters, movie-makers, and videographers.

PREINSA is Videocom's most strategic and largest precision metals machine shop supplier, machining up to 250 different parts which are assembled for the most sought-after and leading brands in the broadcasting and film making industry, including: Anton/Bauer™, Autoscript™, Litepanels™, OConnor™, Petrol™, Sachtler™, Vinten™ and Vinten Radamec™.

PREINSA has a quality control department equipped with a metrology laboratory, which guarantees the systematic and ongoing validation of product quality and equipment calibration.

Vitec Videocom performs a regular quality audit of PREINSA production, which includes the quality control department, production processes, and inspection procedures.

In recent years, **PREINSA** has earned top grades in its quality audit. Predictable and consistent quality, timely delivery, excellent customer service, and cost convenience are the key factors that explain why we have enjoyed a successful business relationship with Vitec Videocom and all of our customers.

PREINSA MACHINE SHOP

PREINSA MACHINE SHOP is located in a Free Trade Zone Park Zeta in Cartago, building 30B in the area known as Technopark.



MISSION STATEMENT: To bring the best possible value to our customers through the production of precision components within an environment that contributes to the holistic development of our employees and clients.

VISION STATEMENT: To be recognized as a model company dedicated to the overall well being of our customers, shareholders, employees, and community.

C.N.C MACHINING CENTER

PREINSA features 12 CNC Milling machines (OKUMA, FADAL and DECKEL), 8 CNC LATHES (OKUMA, DECKEL, OMNI, MILLTRONICS) and 2 Swiss Lathes CITIZEN-CIMCON for high volume production. In addition, the company has cylindrical and flat rectifiers and conventional milling machines and lathes.

PREINSA MACHINE SHOP

A. OKUMA MILLING MACHINES

PREINSA has three OKUMA milling machines (see below) with the following characteristics:

- ▶ **Maximum RPMs:** 15.000
- ▶ **Tools:** ATC -32
- ▶ **Axis:** 3 (X, Y, Z)
- ▶ **Materials:** Alloy 6061-T6, Inox 303 calibrated and non-calibrated, Steel 1025, Steel 1045, Delrin, Nylon y Bronze series 36000, 51000, 67500 y 48500.
- ▶ **Batch Size:** 200 pcs minimum batch size (Could be a smaller if parts are complex)
- ▶ **Tolerances:** Nuestras tolerancias de mecanizado normales son hasta $\pm 0,005$ mm ó $\pm 0,0002$ ”.



B. OTHER MILLING MACHINES

There are four Fadal Milling machines model VMC-4020 and one DECKEL. Characteristics:

- ▶ **Maximum RPMs:** two machines with 7.500 rpms and the other two with 10.000 rpms.
- ▶ **Tools:** ATC -21
- ▶ **Axis:** 3 (X, Y, Z)

- ▶ **Materials:** Alloy 6061-T6, Inox 303 calibrated and non-calibrated, Steel 1025, Steel 1045, Delrin, Nylon y Bronze series 36000, 51000, 67500 y 48500.
- ▶ **Batch Size:** 200 pcs minimum batch size (Could be a smaller if parts are complex)
- ▶ **Tolerances:** Nuestras tolerancias de mecanizado normales son hasta $\pm 0,005$ mm ó $\pm 0,0002$ ”.



C. CNC LATHES MACHINES

The company has eight lathes, OKUMA, FADAL, DECKEL, OMNI and MILLTRONICS with the following characteristics:

- ▶ **Maximum RPMs:** from 6.000 up to 7.200 rpms.
- ▶ **Tools:** from 8 to 12.
- ▶ **Axis:** 2 (X, Z)
- ▶ **Materials:** Alloy 6061-T6, Inox 303 calibrated and non-calibrated, Steel 1025, Steel 1045, Delrin, Nylon y Bronze series 36000, 51000, 67500 y 48500.
- ▶ **Batch Size:** 200 pcs minimum batch size (Could be a smaller if parts are complex). For high volume lathes, batch is 500 pcs.
- ▶ **Tolerances:** Nuestras tolerancias de mecanizado normales son hasta $\pm 0,005$ mm ó $\pm 0,0002$ ”.



C.N.C MACHINING CENTER

PREINSA

LEADING SERVICE & HIGH PRECISION

PHONE: (506) 2573-5475 / (506) 2573-5481

US DIRECT NUMBER: (305) 600-0215

Cartago Economic Processing Zone Tech Park, Costa Rica

E-MAIL: info@preinsa.net

PARTS MACHINED BY PREINSA

This is just a small sample of our work!



QUALITY ASSURANCE

At the heart of Preinsa, is its QC department for metrological control and verification. The QC department is responsible for ensuring that production meets all of our customers' specifications and designs on a sustained basis.

DESIGN DEPARTMENT

We also can provide CAD design consultation and prototyping.

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