

## INTEGRANDOLTD.A.

## COMPANY PROFILE

A metal mechanic sector company is located in Pereira /Risaralda/ Colombia.

Over the last 25 years, we have become a strategically to increase productivity and competitiveness of all types of different companies in our country.

Our professional team is capable of developing Mechanical engineering and Industrial Design projects. Our knowledge enables us to offer solutions in great quantity for the spare parts machinery replacement market for all types of sectors in an industrial level.

We can offer solutions for all types of industrial sectors: Sugar cane processing plants, paper industries, metal mechanic industries, car industry, maritime, aeronautical, heavy machinery and energetic generation industry among others.

Our experience and knowledge enable us to plan, design, execute and supervise maintenance systems as well as optimizing industrial plants and productive processes.



## **PIECES DESIGN AND PRODUCTION**

Our human and technical talent is capable of developing design concepts and creates solutions in order to supply any specific needs that our costumers might have.

Our engineering design processes are generated through the use of last generation software design CAD/CAM.

We design, model and produce molds, jigs, dies, machinery pieces, specific mechanisms, special applications, structures, devices and machine parts among others.

## **PIECES REPARATION AND REPLACEMENT**

We find fast and practical solutions in maintenance and machinery replacement.

We guarantee a convenient after-sale service and an excellent follow up to the applied solution.

## **TECHNICAL CONSULTANCY**

No matter the complexity, our professional engineering team is capable of advising any type of project, in order to find the most accurate way to design, develop and produce each and every project.

## **O U R   S E R V I C E S**



## **MECHANIZATION**

We are able to mechanize pieces with high standard quality under required technical specifications of precision, dimension, assembly and finish. We manufacture high precision pieces such as molds, dies, special pieces, among others.

We are capable of mechanize pieces that weight up to 5 ton and dimensions from 50x50mm up to 2500mmx2500mm.

## **JIGS**

We have manufacturing technology CAD/CAM. Our digital models are manufactured with real dimension and appearance.

Our CNC machines guaranty the most high dimensional precision to create inspection and assembly jigs according to technical specifications in between the required tolerations.

## **PLASTIC MOLDS**

Our productive process is strictly controlled from beginning to end. Our process starts by selecting the best materials (by thermic conductivity, resistance to compression, temperature and abrasion), the best finishing and the best methods of development.

## **O U R   S E R V I C E S**



INTEGRANDO LTDA. Is certified in NTC ISO 9001 version 2000 granted by BOREAU VERITAS QUALITY INTERNATIONAL and credited by UKAS United Kingdom.

This certification is the result of the fulfillment of the most demanding International quality standard and thanks to a Joint effort of knowledge and experience applied to all of our products.

## OUR QUALITY

## OUR MACHINERY

<b>Centro de mecanizado de doble columna</b>	(1) Mesa de 2100x1450x780mm capacidad de 5000 Kg
<b>Centros de mecanizado verticales</b>	(1) Mesa de 1300x600x620 mm capacidad de 1000 Kg (1) Mesa de 1200x510x620 mm capacidad de 800 Kg (1) Mesa de 890x400x520 mm capacidad de 600 Kg (1) Mesa de 520x380x400 mm capacidad de 300 Kg (1) Mesa de 500x350x420 mm capacidad de 300 Kg
<b>Tornos CNC</b>	(2) Diámetro de volteo 520x600 mm Alimentador Barras (1) Diámetro de volteo 450x420 mm Alimentador Barras (1) Diámetro de volteo 450x500 mm (1) Diámetro de volteo 610x1300 mm
<b>Electroerosionadoras</b>	(2) por hilo (1) penetración
<b>Prensas hidráulicas</b>	(3) capacidad de 350 Ton. (1) capacidad de 150 Ton.
<b>Prensas Mecánicas</b>	(1) capacidad de 200 Ton. (3) capacidad de 60 Ton.
<b>Marcadoras digitales</b>	Couth Couth super fast
<b>Granalladora de banda</b>	capacidad de 230 Kg.
<b>Soldaduras</b>	(12) Equipos MIG. (1) Alta resistencia (proyección) (2) Equipos TIC.
<b>Equipos de acabados superficiales</b>	(2) Pintura Electrostática (1) Tratamiento superficie galvanizado
<b>Inducción tratamiento térmico</b>	