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# **Ingepal: Back to the Game**

On 04/22/2021, the State Court of Justice in São Paulo State in São Paulo City (Brazil) released a notice closing the judicial review involving the company Indústrias Gerais de Parafusos Ingepal Ltda., a process which was started in 2013.

That was great news for the whole Brazilian fastener industry, above all for Ingepal as one of the most important manufacturers of bolts, nuts, and other similar special parts.

Currently certified to ISO 9001:2015 and IATF 16949:2016, the Ingepal history composes itself as a strong provider in the supply chain covering the automotive (buses and trucks), solar energy, road and agricultural machines, railroad-subway, construction and, mainly, mining industry.

Currently, its annual fastener capacity is more than 1,000 tons per month, especially because during "those hard days" the heritage was carefully and well maintained, including its modern machines by Chun Zu, National Machinery, Nedschroef and Sacma, as well as a sophisticated laboratory, all installed on its own industrial unit spanning 30 thousand square meters including the 14 thousand square meters building.

The closing judgment reached the newsroom of Revista do Parafuso (The Fastener Brazil Magazine) through an enthusiastic message from Dra. Laura Melle Santiago and José Roberto Santiago, both directors from this company founded in 1960, and right now they are back to the fastener game.







# **Motorcycle Production is Up**

# Home delivery services has been a keyword in commerce due to the global pandemic

"Motoboy" is a nickname used commonly in Brazil to identify those who provide delivery services to homes including almost everything bought by people, such as food, electronic devices, books and others. These services generally are done by younger people, around 18 - 35 years old, who use motorcycles as transport vehicles.

Most motoboys use motorcycles, whose engines are of  $100cc \sim 190$  cc, which correspond to around 80% of Brazilian production in total.

### Brazilian News

As these services have risen – so much so that the online food ordering and delivery platform Uber Eats has increased globally in income by 224%, just in Q4 2020 – this delivery service probably is one of the reasons for recent production growth of motorcycles makers in Brazil.

Despite the pandemic and shortage in raw material, parts and pieces, from January to April 2021 the domestic motorcycle production (part of them operating under the CKD system) reached 359,621 units, but it could surpass 377 thousand units if April didn't have 3 workdays less because of the holidays, according to the Abraciclo (the Brazilian Association of Manufacturers of Motorcycles, Mopeds, Scooters, Bicycles and Similar).

| BRAZIL MOTORCYCLE PRODUCTION             |           |                                |                      |                      |
|--|-----------|--------------------------------|----------------------|----------------------|
| <b>ॐ ॐ ≈</b> ≟                           | 2018      | 2019                           | 2020                 | 2021                 |
| January                                  | 81.319    | 83.92                          | 100.292              | 53.631               |
| February                                 | 83.644    | 101.305                        | 94.442               | 58.014               |
| March                                    | 94.632    | 91.535                         | 102.865              | 125.756              |
| April                                    | 88.373    | 91.226                         | 1.679                | 122.22               |
| Four-month Total                         | 266.649   | 367,986<br>( <b>▲</b> 38.00%)  | 299,278<br>(▼18.66%) | 359,621<br>(▲20.16%) |
| Year Total                               | 1,036,788 | 1,107,758<br>( <b>▲</b> 6.84%) | 961,986<br>(▼13.16%) | _                    |
| Source: Abraciclo (www.abraciclo.com.br) |           |                                |                      |                      |

However, during the first 4 months of 2021 there has been a

2.28% fall, compared with the same and normal period in 2019 (367,986 units), but there is a 20.16% rise compared with 2020 (299,278 units).

If this trend is to sustain this year, the total production can go further to 1,060,000 units through the end of this year.

## **Metalbo Founder Has Passed Away**

The Metalbo fastener company family said goodbye to Gerhardt Böving on May 15, 2021, in Rio do Sul town, Santa Catarina State, Brazil.

In 1960 Gerhardt Böving and Edgar Arnold joined to run Rex Máquinas, a machinery industry provider for local fastener manufacturing companies. After a rename came Industrial Rex. From 1967 to the 1970s, the company became a fastener manufacturer.

Separated in 1987, currently there are two of the most important fastener companies in Brazil: one is the Industrial Rex Ltda., managed by the Arnold family; the other is Metalbo Indústria de Fixadores Metálicos Ltda., managed by the Böving family.



News provided by: Sergio Milatias, Editor of Revista do Parafuso (The Fastener Brazil Magazine) milatias@revistadoparafuso.com.br www.revistadoparafuso.com

