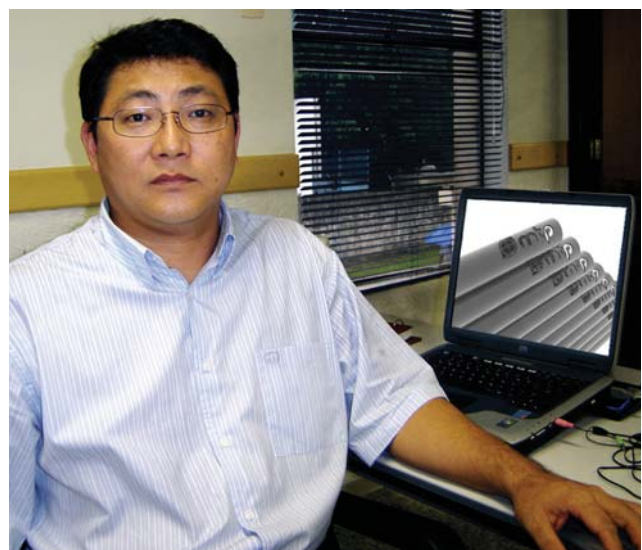


Technology and human resources make MTP
the most complete tube factory in Brazil

A road to **success**



Metalurgica de Tubos de Precisão (MTP) with facilities at Guarulhos, Sao Paulo, Brazil, is a leading company both in the **manufacture and processing of precision tubes** in carbon steel.

In the past, the company was already known as Mannesman Tubos de Precisão and since 2000 it has been part of the Grupo Brasil as MTP. With this important technological and production heritage, MTP can boast a production organisation and integrated know how that make it the most complete tube producer and manufacturer in Brazil.

The processes that start from raw materials and proceed to the production of tubes (welding, heat and chemical treatment and drawing), also include the production of finished, **laser cut, bent and welded tubular components** that are ready for being assembled.

From tube producer to component supplier

As part of this development strategy, which was the only one of its kind in the country, a considerable role was played by the investments made in high-tech production systems to **increase added value** to the production of plain tubes. The most important of these came from a ten-year co-operation between MTP and the BLM GROUP; a co-operation that allows the development of new processes, excluding the conventional operations and exploiting the technological advantages in terms of flexibility, reduction in costs and production times and, last, but not least, the advantage of producing superior quality components. This has led to a new placement of MTP on the market, from a precision tube manufacturer to **a supplier of finished tubular components**. MTP's major customers are in the cycle and motorbike, car components, metal furnishing, household appliance sectors, etc.



Finding a solution to the customer's needs

Currently MTP's tube processing facility includes: four ADIGE laser cutting systems, three automatic saws, three ADIGE cutting and end machining systems, one BLM all-electric tube bender with three bending radii and one tube bender with two bending radii.

Mr. Hahilton Yoshihiro Sugano, Production Director of the tubular component division also emphasises **"the important contribution of human resources** to the success of MTP in over 15 countries where its products are

marketed. We have highly qualified people who take active part in the **development of new projects with the customer**, supported by a sales organisation that is specialised in the various sectors of activity".

An example of the results of this integration aimed at finding a solution to the customers every need are the endless recognitions received and exclusive participation in international projects, such as components for car-danic joints in Toyota's Hilux pick-up and those for the rear axle in Volkswagen's Polo and Fox models.

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