

Rassini Frenos is a leading designer and producer of advance-engineered, hi-tech brake discs, rotors and assemblies. **Rassini** is the largest fully integrated brake rotor producer in the Americas, including casting of gray and ductile iron, machining, coating, anticorrosive treatment and assembly in its production processes.



picture, courtesy Rassini

In the city of San Martín Texmelucan, Puebla in México, **Rassini Frenos** runs its brake-system manufacturing facility that encompasses 3 foundry plants. In their Plant 2 and Plant 3 **Rassini** already operates various flaskless moulding lines to produce the castings while Plant 1 was selected for a new foundry project. The existing plant 1 would be converted, entirely renovated and adjusted so to accommodate brand new foundry operations destined to larger series of rotors in grey cast iron. The foundry project would be realized in 2 phases.

Rassini Frenos and GEMCO go back a long time since GEMCO built both plants 2 and 3 together with **Rassini**. For the new foundry project GEMCO produced the Concept for the lay-out, Equipment Specification, provided Procurement assistance, and worked with **Rassini** as engineering and supervision partner for and during the realization of the project. The new foundry includes charging-, melt-, pouring-department, vertical flaskless moulding line, cooling drum, shotblaster, core-shop, sand-plant and dust extraction.

This newest state of the art foundry operation in plant 1 is equipped with the latest technologies for high automation, high efficiency and environmental friendliness. With the realization of phase 1 of this foundry project, **Rassini** now runs six moulding lines in Puebla.



Rassini-Gemco team on site



New foundations for state of the art foundry operations



view inside new foundry works, cooling drum



First melt



view outside new foundry works, sand-plant