

VIPAL spa

IDEAS
in motion

Agenda

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PREVIEW

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PRODUCTION PROCESSES

History

- Vipal Corporation started in 1983 in the sector of light structural steel for electrical and electronic applications.
- The Company covers 6000 sq.m and finds in an industrial area of 15000 sm .
- Thanks to the long experience in the knowledge of materials and the industrial processing, realized with state-of-the-art software systems as the solid modeler PRO-E , Vipal Corporation presents :

“IDEAS in motion“

IDEAS in motion is a way of life in which innovation, technological quality and style guarantee an effective result turning supply relations into a real partnership.

- Vipal Corporation is able to **Design, Manufacture, Sell** and give the **After-Sales Assistance** for the following product lines:

- Metallic shafts
- Automatic doors
- Swing doors
- Electric and hydraulic platform lifts
- Geared, gearless and hydraulic elevators

Mission

VIPAL has a two goal:

the first one is a business philosophy :

***to meet its clients' expectations with the best technologies
and quality***

the second one is a commercial approach:

to develop the business in partnership with its foreign customers

VIPAL Corporation has a worldwide point of view

Some of our customers



Production processes

The production of the lift and lift components takes place throughout the company.

We produce at 360 degrees.

The macro processes of production are:

CUTTING AND BENDING

WELDING

COATING

ELECTROMECHANIC ASSEMBLY

FOAMING AND FILM WRAPPING

CUTTING

- Automated and integrated punching-shearing center
- Automated cutting laser center
- Automated and integrated punching-cutting laser center



BENDING

- Panels bedding machine/automated cell
- Bending machine with N.C. power 400 tons
- Bending machine with .N.C. power 220 tons
- Bending machine with N.C. power 80 tons
- Bending machine with N.C. power 50 tons



WELDING

Welding machines:

- wire / electrode
- capacitor discharge for threaded pins
- projection



COATING

Automatic Powder coating

Phospho-degreasing in hot water at 47°C

A furnace of the final baking for the polymerization of the powders at 180° C for 20 minutes



ELECTROMECHANIC ASSEMBLY

- BENCHES FOR THE PRE-ASSEMBLY AND ASSEMBLY OF THE LIFTS AUTOMATIC DOORS
- ASSEMBLY STATIONS DEVOTED TO SPECIFIC PRODUCTS
- FINAL STATIONS FOR THE MECHANICAL/ELECTRIC



FOAMING AND FILM WRAPPING



- Foamin and film wrapping machines