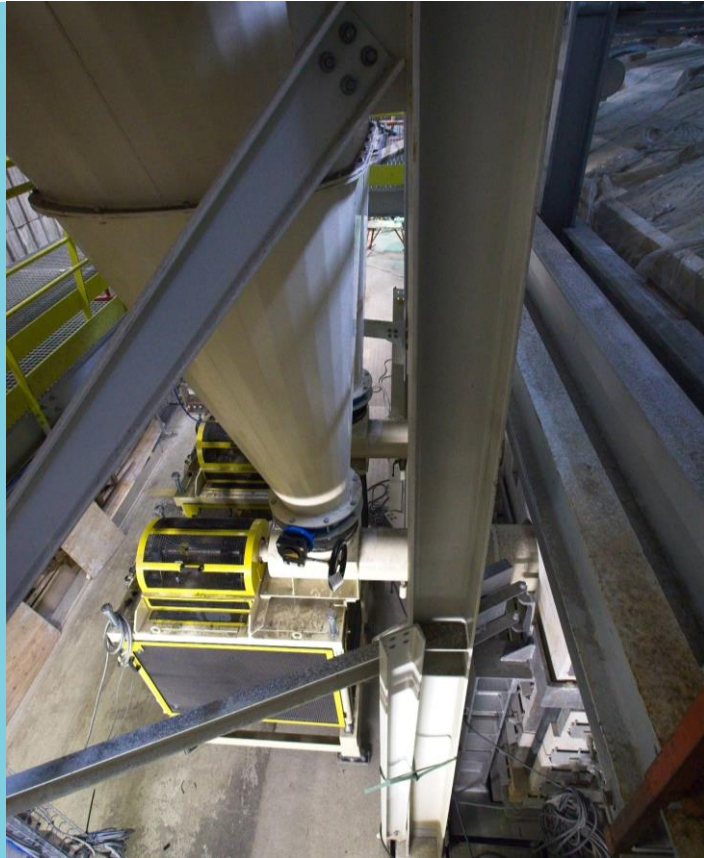


Steel structures 1/2



WORKS / INSTALLATIONS

- ⇒ Closed and covered,
- ⇒ Locksmiths,
- ⇒ Mixed structures,
- ⇒ Industrial buildings and equipment,
- ⇒ Process structures,
- ⇒ Reinforcement of glass furnaces,
- ⇒ Roller tracks,
- ⇒ Tertiary buildings,
- ⇒ Silos and ducts, Large industrial filters, Chimneys

STUDIES MISSIONS

- ⇒ Feasibility studies to the execution study,
- ⇒ Expertise, audit of metal structures,
- ⇒ Structural diagnosis,
- ⇒ Site surveys - 3D scan

AREA

- ⇒ Heavy industry
- ⇒ Food industry
- ⇒ Glass
- ⇒ Equipment manufacturers
- ⇒ Cement works

Steel structures 2/2

CALCULATIONS

- Static and dynamic (earthquake, vibration and resonance), linear and non-linear, in bar elements and/or finite elements
- Elastic, plastic and/or fatigue testing, cold and fire testing

DELIVRABLES

- > Plotting plans with supply of numerical control files
- > Breakdown of the Global and Fixed Price - Special Technical Clauses Booklet
- > Calculation notes
- > General and detailed plans
- > Expert's report
- > 3D winding model

SOFTWARES

- Autocad,
- Tekla,
- Prosteel
- Scia Engineer,
- Ansys

REGULATION

- > Eurocodes,
- > IBC, UBC, ASCE (USA)
- > Indian Standard,
- > CFE 2008 (Mexique),
- > SNIP (Russe),
- > British Standard

