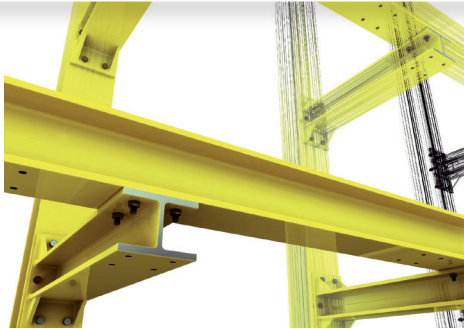




CALCULATIONS : BEAMS, STRUCTURES, STARCASES, WALKWAYS, DECORATIVE FEATURES



TYPES OF SERVICES

- Modal analysis, own frequency, damping and related design,
- Linear and non-linear static analysis,
- Linear and non-linear dynamic analysis, vibratory analysis,
- Spectral response and transient response, fatigue analysis,
- Heat analysis.

TYPES OF WORK

- Stability checks,
- Load lowering,
- Check of anchoring points,
- Buckling and fatigue analysis,
- Restrictions and critical loads,
- Joints, fixed screw connections, brackets and welded joints,
- Checks of lifting systems and gantry cranes.

SECTORS

- Industry,
- Construction.

TYPES OF STRESS

- Mechanical (pressure, heat)
- Climate (snow, wind)
- Human (wear)
- Environmental (seismic)

CODES APPLIED

- CM66,
- EUROCODE 3,
- EUROCODE 8,
- PS92,
- NV65,
- ANSI.

SOFTWARE

- SOLIDWORKS SIMULATION,
- ROBOT,
- ANSYS,
- PATRAN,
- NASTRAN,
- REVIT STRUCTURE,
- SOLIDWORKS (Plans),
- TEKLA (Structure plans).