

SmartFrame

LIGHT GAUGE STEEL FRAMED BUILDINGS



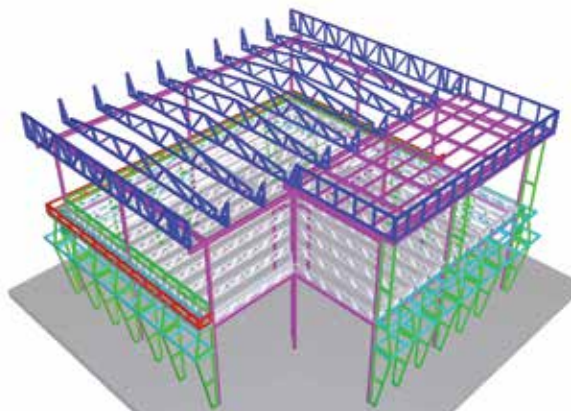
The world's most advanced end to end steel frame design and manufacturing system is now in Kampala, allowing us to mass produce cold formed steel frames with precision and accuracy that is determined by the system not by the skill of the factory worker or on-site assemblers.

With the intelligence of our software, we can turn architectural inspirations into commercial reality much

faster and in a more cost effective way than ever before. Backed by a team of design engineers and installers, every individual component is produced and detailed according to its position, cut to length, service and fastening holes prepunched, notched and ready to install.

Advantages of Light Gauge Steel Frames (LGS)

1. Computer aided design & manufacturing accuracy
2. Dimensional stability, ease & speed of construction
3. Fire resistant, Thermal & Acoustic Insulation
4. Earth quake, High wind resistance
5. Termite resistant, Eco Friendly and recyclable



Computer Aided Drawing of Framed Building

How many storeys can a Steel Framed Building go up to?

Several 8 storey buildings have been constructed in USA and Europe using cold-formed steel framing.

Mid rise buildings (5 or 6 levels) in cold-formed steel are also very common and many have

been built around the world in the past 20 years.

From an engineering point of view, there is no limit on the number of storeys that can be built using steel framing.

Light Gauge Steel Frame Applications

Residentials

From low cost accomodation and relief housing to luxury villas and resorts.

Workforce & Portable Accomodation

Industrial or workforce accomodation, modular protable or temporary housing and offices.

Commercial Structures

From multi-storey office complexes and shopping malls to hotels and manufacturing facilities.

Healthcare Facilities

Bedded hospitals, trauma centres, mortuaries, specialist clinics, aseptic suites, etc.



Residential Buildings



Commercial & Industrial Buildings



Institutional Buildings



Modular & Offsite portable buildings

GOING GREEN

Steel is 100% recyclable and hence it does not contribute to depletion of resources or degradation of the environment.

Up to 68% less energy is required to erect a modular building as compared to a traditionally built structure. The insulation used in the walls, roof and floor is made of ozone-friendly materials that have minimum impact on the environment.

