

LF [space frame](#) has excellent performance which is much better than other steel structure. If the span is more than 30m, space frame is more economical, safer, and with better seismic performance. So it becomes widely welcomed by the clients nowadays all over the world.

The main advantages are as follows.

The span of space frame can be very large with our columns in the Middle to support the whole structure, so space frame structure is suitable for buildings covering large area.

Cost of space frame

Generally speaking

If span $\geq 30m$, the cost of space frame is lower than the other structures.

If span $< 30m$ & $\geq 20m$, the cost of space frame is almost same to other structures.

If span $< 20m$, the cost of space frame is higher than other structures.

Space frame structure has self-weight.

Space frame structure is more secure than other traditional structures.

Space frame has excellent seismic performance.

Space frame is easy to install.

Space frame looks more beautiful.

Space frame structure is easy for transportation, as the sizes of components are small.

Space frame can be used to all kinds of building.

Space frame is suitable for factory production.

Space frame fits for many kinds of roof cover material.



BULK STORAGE

LF is good at large span space frame projects, such as coal storage, cement warehouse in barrel or dome shape etc. Comparing to traditional H type steel structure, space frame with large span has more...

[view](#)



WORKSHOP

The design team of LF company have over 10 years' experience, and can design reasonable, economic, stability steel structure for you. LF has rich experience in export, and our projects are all over the...

[view](#)



GYMNASIUM

The gymnasium is a building for indoor sports game and exercise. The roof is usually closed. The weight of structure is light but rigid, but the structure can cover a long span area, so it is very ...

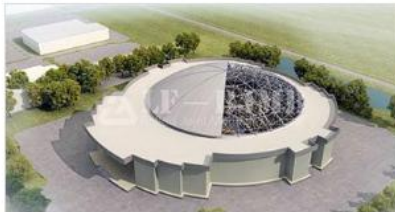
[view](#)



SWIMMING POOL ROOF

Swimming pool is used for swimming, diving, water polo and other water sports. Swimming pool space frame project is also one of the most popular building structure now. Steel structure has good insula...

[view](#)



CONFERENCE HALL ROOF

LF's space frame structure is suitable for large sports venues, industrial plants, movie theaters, waiting rooms, conference halls and other buildings. This structure is very rigid, pipes are connecte...

[view](#)