

ARCHITECTURE DESIGNED BY TIME, SHAPED BY LIFE

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*Architecture - is frozen music.
Johann Wolfgang von Goethe*

We are surrounded by architecture every day. Our home, our district, our city – this is special human environment. What about changing our usual environment? Let's imagine that there is an alternative to static four walls.

Welcome to the future.

Italian architect David Fisher is building his first skyscraper, the **Dynamic Tower**, and it happens to be one of the most ambitious construction plans since the Pyramid of Khufu. Every floor of the 80-story self-powered building rotates according to voice command, and nearly the entire structure of the \$700 million building is prefab.

Fisher was inspired to design the Dynamic Tower during a visit to a friend's top-floor Midtown Manhattan apartment. "I had a view of the Hudson River and East River at the same time, it was beautiful and I wanted to make that feeling accessible to more people." He loves the idea of seeing the sun rise and set in the same room, and considers the building to be four-dimensional. "Time is always changing the shape of the building," he told.

Welcome to the new and innovate architecture prospective. It's called Dynamic architecture. Isn't life about dynamics well? Life is a movement. It's about keeping up the time with the changing of the seasons. Life follows the movement of the sun from rising to setting.

Time is out-best architect and designs us at the world we live in.

All buildings keep moving, changing the shape forever, to better life itself and your life as well.

The **Dynamic Tower** is a proposed 420-metre (1,378 ft), 80-floor tower in Dubai, United Arab Emirates.

The tower is expected to be architecturally innovative for several reasons:

Uniquely, each floor will be able to rotate independently. This will result in a constantly changing shape of the tower. Each floor will rotate a maximum of 6 meters (20 ft) per minute, or one full rotation in 90 minutes.

The architects have designed 70-80 floors which go rotating separately, changing every second the shape of the building. Dynamic architecture is always different allowing a different building to come along in any moment.

For the first time man will have a building with four dimensions. It's about through time in space. In our buildings you can have breakfast facing sunrise, and dinner in front the sunset over the ocean without moving from your room. This skyscraper can be redesigned every day, every moment being the first digital building ever.

Our culture is revolutionary even in the ways go.



Construction on the Dynamic Tower will be unlike anything that preceded it. This is in fact the first building produced in a factory, part from the concrete core.

It is strong enough to hold the floors in place, and will contain the building's elevators, which transport people and cars right to their door. Each floor will be made piece by piece in a factory in Italy - a throwback to Fisher's previous life in prefabricated bathroom design - and placed onto the core using a lift system. With this method, each story is completed in about six days. By comparison, traditional ground-up methods can take six weeks per floor.

It will also be the world's first prefabricated skyscraper with 40 factory-built modules for each floor. 90% of the tower will be built in a factory and shipped to the construction site. This will allow the entire building to be built in only 22 months. The only part of the tower that will be built at the construction site will be the core. Part of this prefabrication will be the decrease in cost and number of workers (90 instead of 2,000 needed). The total construction time will be more than 30% less than a normal skyscraper of the same size. The majority of the workers will be in factories, where it will be much safer. The modules will be preinstalled including kitchen and bathroom fixtures. The core will serve each floor with a special, patented connection for clean water, based on technology used to refuel airplanes in mid-flight.

The building is made of natural materials, mobile home is a part of environment. City of art will have fashion and technologies.

Architects, day after day are trying to improve our lives, our environment, our home. They are improving technology, creating unusual ideas and providing rational use of space. After all, our house - is primarily a construction, someone designed and built by someone. Comfortable and pleasant environment in our own houses - is one of the main components of good mood, warm relationship in the family and successful life.

*Buildings should be good neighbors to people.
Paul Tyree*