

Hanking Center



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Height: To Tip
358.9 m / 1,177 ft
Height:
Architectural
358.9 m / 1,177 ft
Height: Occupied
320 m / 1,050 ft



Floors Above Ground
65
Floors Below Ground
5
of Elevators
36
Top Elevator Speed
8 m/s
Tower GFA
166,299 m² / 1,790,028 ft²
of Parking Spaces
852

Facts

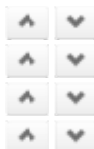
Official Name	Hanking Center
Other Names	Rolansberg Hanking Center
Structure Type	Building
Status	COM
Country	China
City	Shenzhen
Street Address & Map	Shennan Boulevard and Kejizhong Yi Road, Nanshan District
Postal Code	518000
Building Function	office
Structural Material	composite <ul style="list-style-type: none"> • Core: Concrete Filled Steel • Columns: Concrete Filled Steel • Floor Spanning: Steel

Energy Label	LEED Core and Shell: Platinum
Proposed	2011
Construction Start	2013
Completion	2018

Rankings

Click arrows to view the next taller/shorter buildings

Global Ranking	#51 Tallest in the World
Regional Ranking	#32 Tallest in Asia
National Ranking	#26 Tallest in China
City Ranking	#5 Tallest in Shenzhen



Companies Involved

Owner/Developer	Hanking Group
Architect	<ul style="list-style-type: none"> • Design Morphosis • Architect of Record Zhubo Design
Structural Engineer	<ul style="list-style-type: none"> • Concept John A Martin & Associates • Design WSP • Engineer of Record Zhubo Design
MEP Engineer	<ul style="list-style-type: none"> • Design Zhubo Design
Project Manager	Morphosis
Main Contractor	China Construction Fourth Engineering Division Corp. Ltd.; China Construction Steel Structure Corporation
Other Consultant	<ul style="list-style-type: none"> • Façade Shenzhen Fangda Building Technology Group, Co., Ltd. • Fire Parsons Brinckerhoff Consultants Private Limited • Interiors HASSELL; Lead 8 • Landscape Ohtori Consultants • Lighting Gradient Lighting Design • Property Management CBRE • Traffic MVA Transportation, Planning & Management Consultants • Vertical Transportation Parsons Brinckerhoff Consultants Private Limited • Wind RWDI
Material Supplier	<ul style="list-style-type: none"> • Ceiling COMPTON METAL CEILINGS • Cladding Coil • Construction Hoists TWAIN • Elevator Hitachi, Ltd.

- Façade Maintenance Equipment [CoxGomyl](#)
- Fire Proofing SKK
- Paint/Coating [AkzoNobel](#); HEMPEL; [Jotun](#); PPG
- Steel Wuyang Steel Co., Ltd.; Xingcheng Special Steel Works Co., Ltd.

About Hanking Center

Hanking Center adds a new dimension to Shenzhen’s skyline. It reconsiders the conventional commercial office building through an innovative approach to circulation, social systems, and workspaces. The tower is comprised of office space, with high-end retail and dining options in the podium. The Center utilizes folded angles to elegantly merge public components in the podium with private commercial space in the tower. A grand plaza and hardscape around the exterior serves to anchor the new landmark and encourage activity nearby.

The tower’s unique steel structural system offsets the primary movement and service cores to the exterior of the floor plate. Shadowing the offset circulation core, two secondary cores in the body provide structural reinforcement. A series of sky bridges and diagonal mega-braces connect the offset core to the main tower. Special horizontal ties and slab diaphragm bracing were provided where the columns on the south face “kinked” to tie the necessary stabilizing forces to the tower’s overall lateral load resisting system. Extensive wind tunnel testing as well as non-linear performance based seismic design studies were conducted to verify the performance of the tower. Five communal skygardens, glazed lobbies, and a sunny atrium in the building’s core serve to connect separate elements of the building, and provide a communal hub for tenants. Circulation and amenity areas gain natural light and views over the city to create a vibrant public space.

As a new icon for the growing high-tech zone in the Nanshan neighborhood, the Hanking Center Tower was conceptualized to house emerging tech companies. The open floor plates, made possible by the tower’s offset core, greatly amplify the flexibility companies have in utilizing their space. In addition, this form allows for work environments with more natural light and better air circulation to enhance comfort, health, and productivity.

Hanking Center

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5 Dec 2018 – Awards Event

[2018 Tall Building Predictions](#)

17 Jan 2018 – CTBUH News

[Top 12 Happenings of 2016, Month-by-Month](#)

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Research Papers

[Offset Cores: Trends, Drivers and Frequency in Tall Buildings](#)

Apr 2019 – CTBUH Journal 2019 Issue II

[Tall Building's in Numbers: World's Tallest Offset-Core Buildings](#)

Apr 2019 – CTBUH Journal 2019 Issue II

[Year in Review: Tall Trends of 2018](#)

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