

# ETHIOPIA BOLE AIRPORT METAL CEILING PROJECT



## Project Overview And Architectural Profile

This is a significant international project that aligns with the national leadership's strategy to deepen cooperation and promote friendly ties in Sino-African collaboration under the "Belt and Road" initiative. It leverages the economic strengths of both parties to enhance the mutual trade value and embodies a grand and far-reaching plan for joint development.

PRANCE is honored to have received recognition and trust from our homeland. We are proud to contribute to the construction of Bole Airport in Ethiopia, showcasing the responsibility and commitment inherent in our Chinese and PRANCE products.

The Bole Airport project is located in Addis Ababa, the capital of Ethiopia. Ethiopian Prime Minister Abiy has stated that an airport serves as a country's window and business card. Ethiopia, as the host of the African Union headquarters and a vital link between Africa and the rest of the world, naturally requires an international standard aviation hub.

Elegant and aesthetically pleasing architecture requires ceiling installations that complement it. PRANCE is committed to infusing every building with more beauty, with each PRANCE team member contributing their sincere efforts.



**Project Time Line:**

December 2022

**Exterior/Interior/Hanging System Products We Offer:**

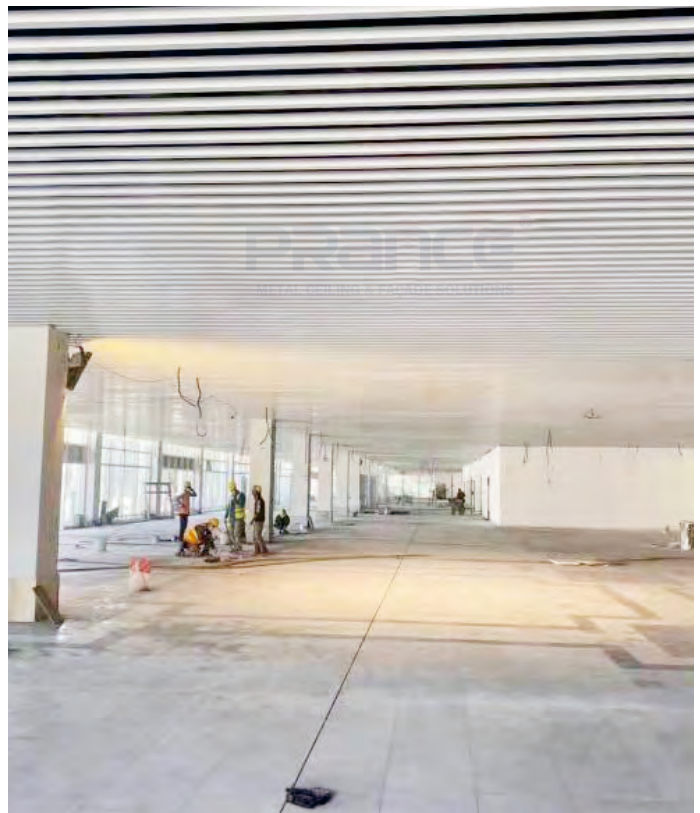
Custom Aluminum Ceiling - Curved Metal baffle

**Application Scope:**

Airport Terminal Ceiling

**Services We Offer:**

Planning product drawings, demonstrating 3D models, cross-referencing product information multiple times, material selection, processing, and production of the product, as well as providing technical guidance and support during construction.





## Challenge

The first issue: For the unique-shaped grille, different from the standard grille, it is necessary to consider the connection points at various locations due to its distinct shape. Furthermore, due to the uniqueness of the unique-shaped grille, further consideration is required for its installation.

The location of this project is quite remote, and as a result, considering product transportation, we need to take measures to prevent various possible unforeseen circumstances, especially ensuring proper packaging and protection for the finished products.



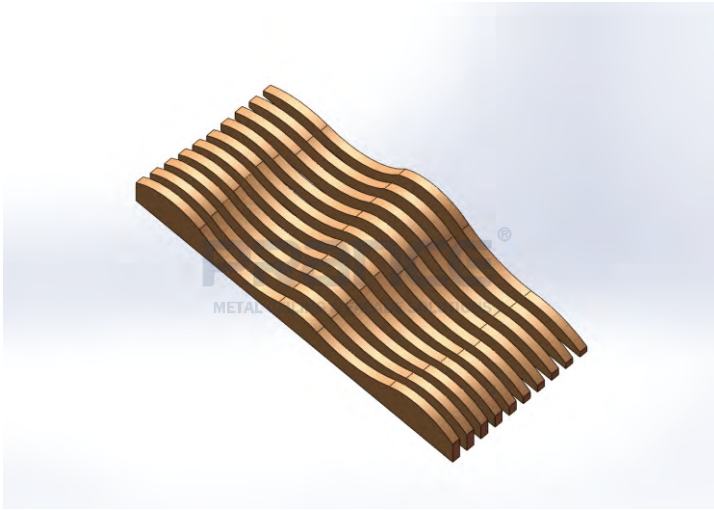
## Solutions

This type of geometric design, particularly with curved square channels, actually places significant demands on a company's craftsmanship and skill. However, PRANCE has consistently adhered to high requirements and standards, meticulously controlling every detail of each product, such as edges, angles, lengths, to ensure that errors are maintained at the millimeter level.

This type of geometric design, particularly with curved square channels, actually places significant demands on a company's craftsmanship and skill. However, PRANCE has consistently adhered to high requirements and standards, meticulously controlling every detail of each product, such as edges, angles, lengths, to ensure that errors are maintained at the millimeter level.

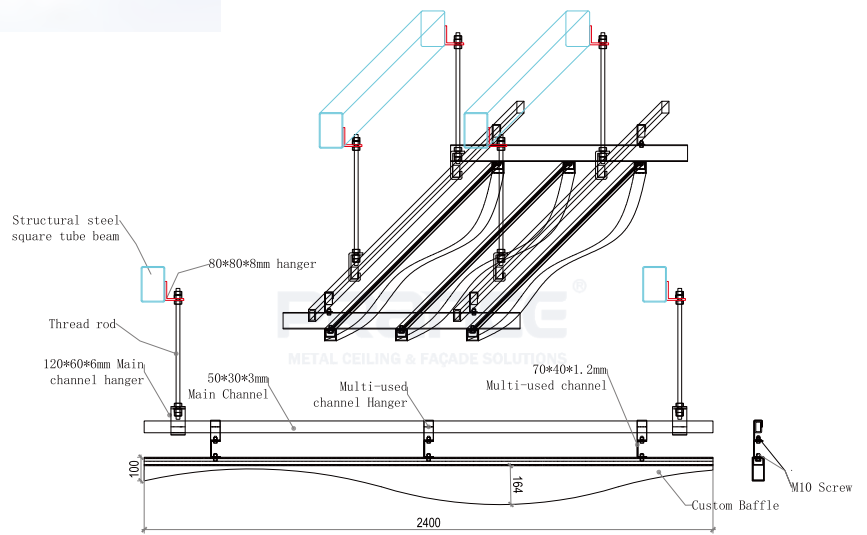
When it comes to transportation, PRANCE has extensive experience in long-distance and international shipping. For this international long-haul transportation, we have taken meticulous precautions, ensuring protective packaging for every product in every corner.

**Product Drawings**

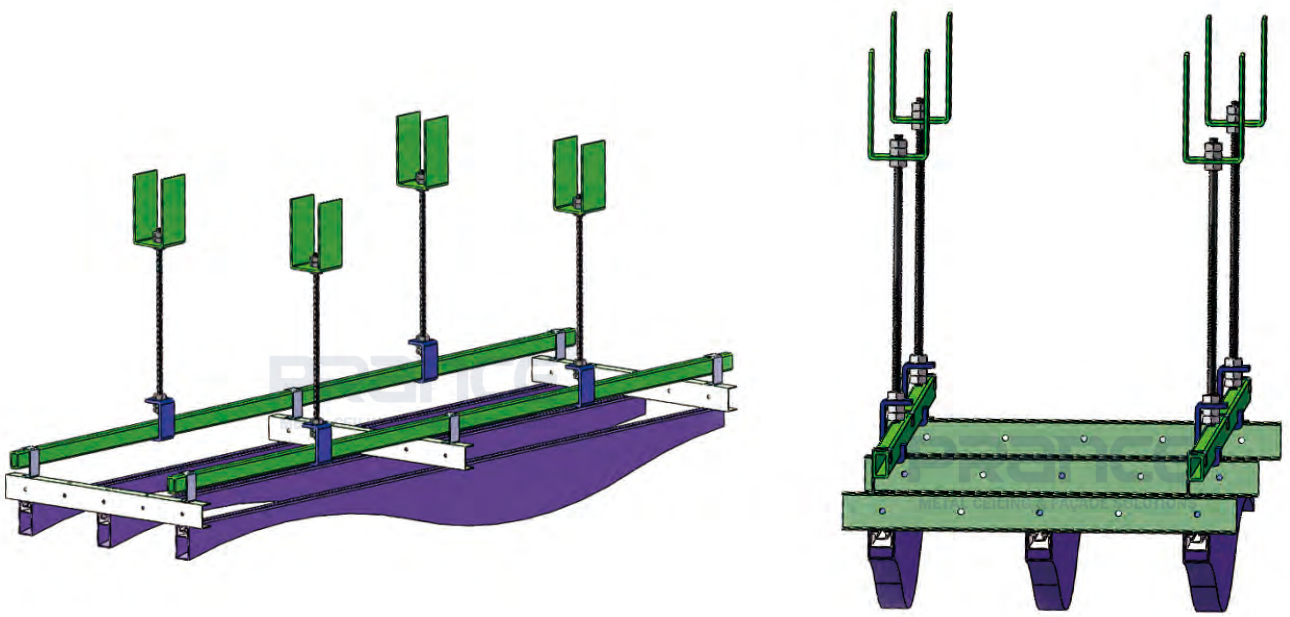


◀ Virtual Product Conceptual Diagram

Product Installation Diagram ▶



Product Installation Diagram ▼

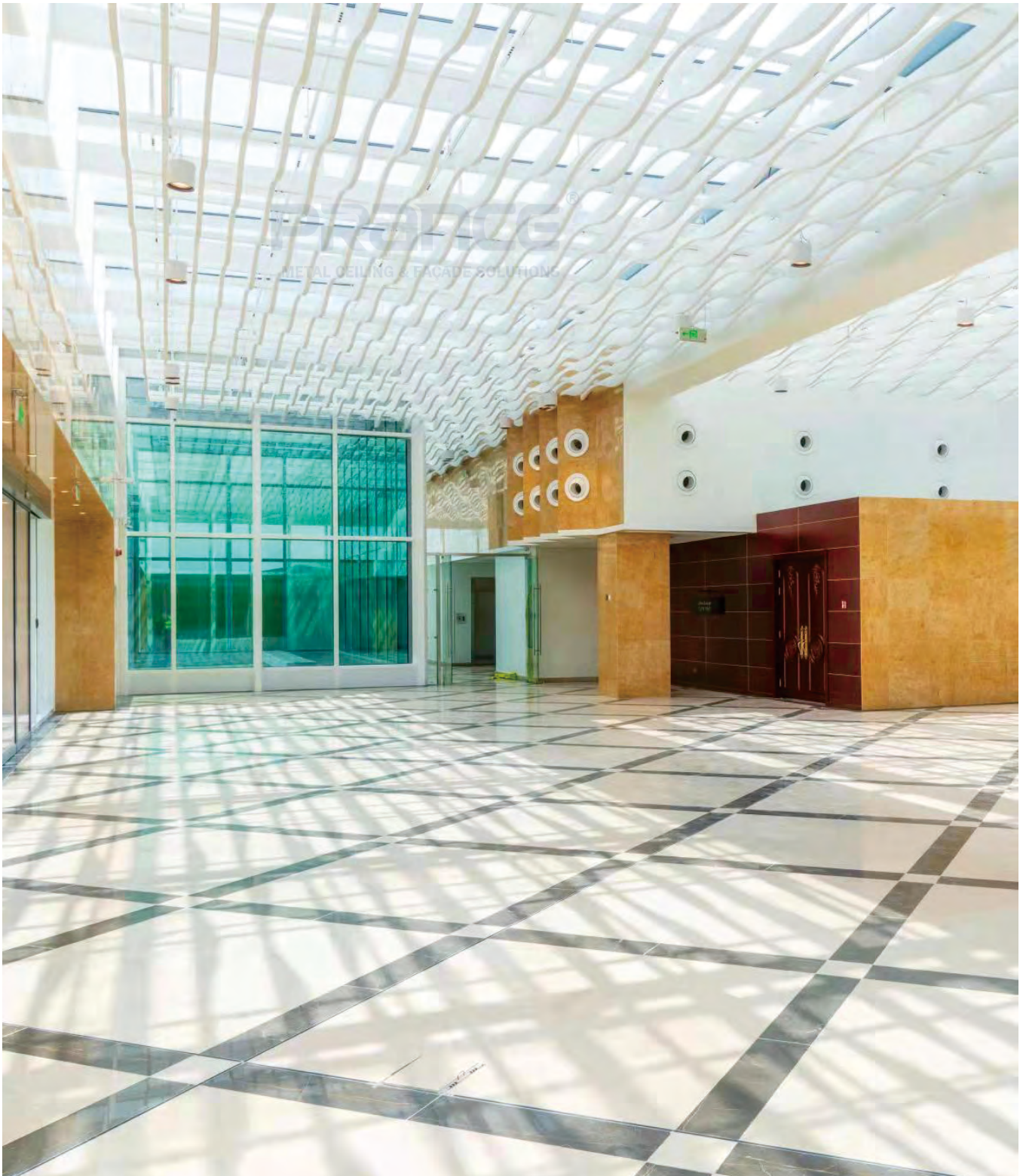




## About Product Design

Taking into account the unique climate conditions in Ethiopia, where sunshine prevails for most of the year, the brilliant designers ingeniously incorporated a top structure with tempered glass for transparency, complemented by PRANCE's wavy square tube ceiling. As a result, a clever and aesthetically pleasing international airport hall came into existence.

Imagine one day, with the perfect sunlight, you step into the atrium of the Boli International Airport. As you look up at the ceiling, you'll see a wave-like pattern in pristine white. Through these wavelike perforated ceilings, you can even catch a glimpse of the blue sky. When the sunlight passes through the tempered glass roof and filters through the gaps in the perforated ceilings, it becomes soft and warm. Upon closer inspection, you'll notice that the sunlight has been ingeniously transformed into ribbons of wave-like bands. As the angle of sunlight changes throughout the day, these bands of light in the atrium appear like well-disciplined soldiers at times, and at other times, they elongate and connect, resembling a romantic sea of light and shadows...





## Recording Of The Actual Production Process Of The Product

After laser cutting, product assembly ▼



Spraying and oven drying of the product ▼





## Product Packaging And Shipping

PRANCE has provided full care for the fruits of every hardworking effort.

To ensure that each product remains undamaged during long-distance transportation, PRANCE employs high-resilience, thick plastic packaging that provides a snug fit for protective purposes.

In addition, environmentally friendly composite wooden containers are used for the overall transportation. Within these wooden containers, the products are provided with additional same-material wooden panel partitions, and the layout of these panels is designed based on sound mechanical analysis to ensure the safety and protection of the products.





**Construction Site Photos**



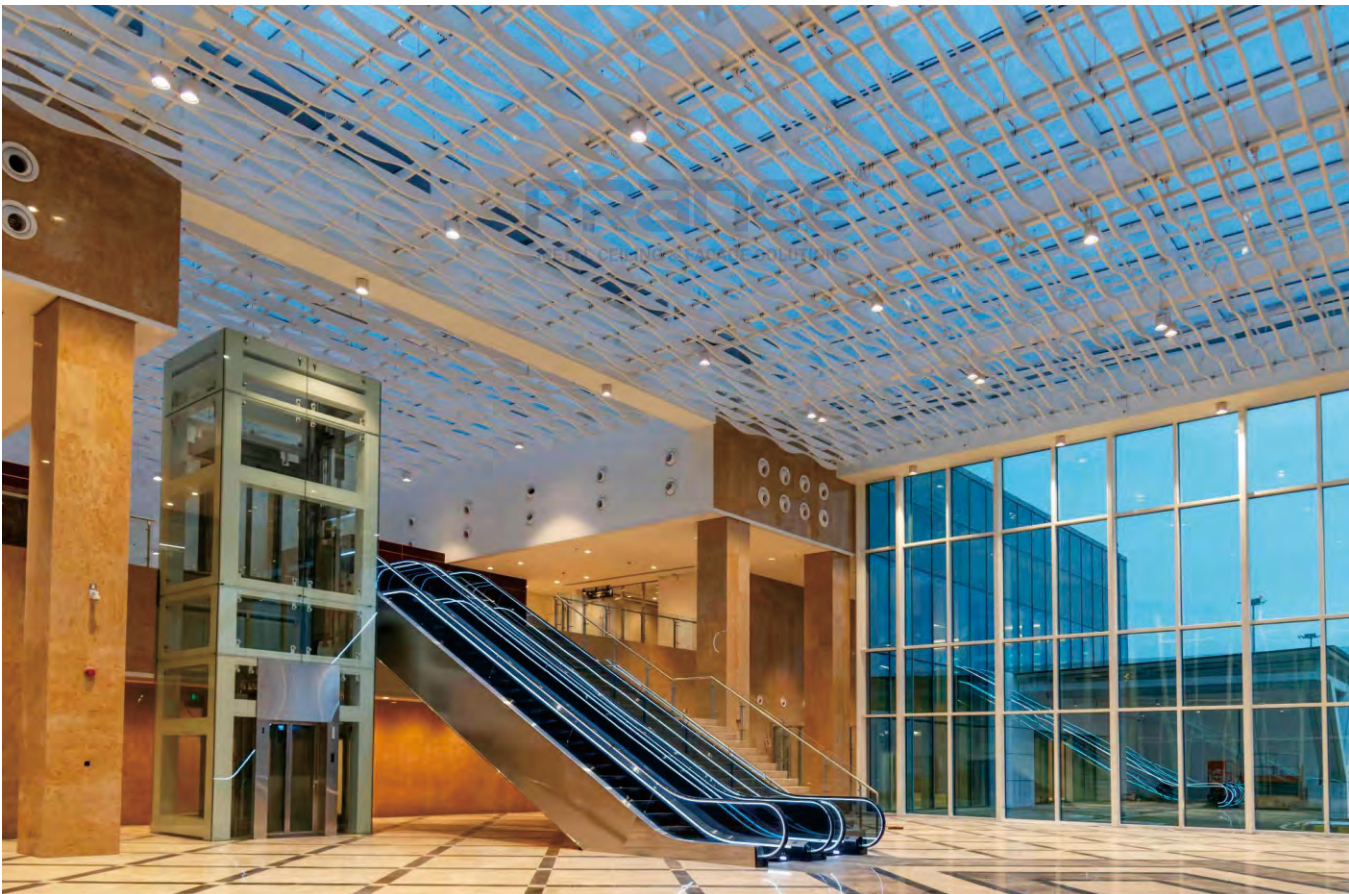


**Final Effect**






**Final Effect**







## **PRANCE METALWORK BUILDING MATERIAL CO.,LTD**

Facebook  / LinkedIn  : Prance Metalwork Building Material

Instagram  / YouTube  / Pinterest  : prance\_metalwork

Http: [//www.prancebuilding.com](http://www.prancebuilding.com) Tel: +86-757-83138155

E-Mail: [info@prancebuilding.com](mailto:info@prancebuilding.com) Fax: +86-757-83139722

**Office:** 3F,1st Building,No.11 Gangkou Rd,Chancheng,Foshan,Guangdong.

**Factory:** 169, South Area, Base of Electrical and Electronic Industry,Baini, Sanshui, Foshan, Guangdong.