

SPACE NEEDLE CENTURY PROJECT CONSTRUCTION FACTS

ROTATING GLASS FLOOR

- The world's first rotating glass floor located in a building open to visitors.
- The rotating glass floor weighs approximately 37 tons.
- There are six layers of glass in the rotating floor including a "scuff" layer that can be readily replaced if damage occurs, without compromising the floor's integrity – there are another four layers in the glass soffit.

GLASS

- Glass for the Century Project is coming from California, Switzerland and Germany.
- A total of 48 glass panels will be installed on the exterior barrier of the Observation Deck as part of the renovation.
- Each panel of barrier glass on the Observation Deck weighs 2,300 pounds measuring 2.5" thick, 7' wide and 11' high.
- Ten different kinds of glass will be used in the renovation, totaling more than 176 tons of glass material.
- The new glass design for windows on both observation levels will increase comparable views by more than 35%.
- Total glass incorporated in the Space Needle Century Project, including the new glass rotating floor, will increase by more than 196% (vs. the amount of glass utilized when the Space Needle opened).
- A total of 24 sleek, slanted glass benches will be affixed to alternating pieces of barrier glass. The benches will give guests the thrilling feeling of floating on air as they sit on the outer edge of the Space Needle's Observation Deck.
- The three doors opening to the outside Observation Deck will double in size, allowing more gracious, crowd friendly ingress and egress to the outer deck.

CONSTRUCTION STATS

- The Space Needle announced Century Project in June 2017 and officially launched construction in September 2017.
- On any given day between 100 and 170 workers are active on the site representing up to 18 different trades.
- Work is taking place nearly 20 hours per day, 6 days a week.
- 50 key partners and specialists on topics like wind, seismic, acoustics, steel and glass have come together from around the world to be part of this historic project.

COMPANY BIOS

- **Olson Kundig**

Olson Kundig is a Seattle-based design practice founded on the ideas that buildings can serve as a bridge between nature, culture and people, and that inspiring surroundings have a positive effect on people's lives. The firm specializes in new and renovated residential projects, particularly for art collectors; mixed-use buildings; academic, cultural and civic projects; museums and exhibit design; places of worship; urban design; interior and product design for clients around the globe. Olson Kundig, led by Design Principal, Alan Maskin, and Project Architect, Blair Payson, is the architect for the Century Project.

- **Hoffman Construction**
With offices in both Oregon and Washington, Hoffman Construction Company is one of the largest general contractors in the United States and has completed some of the most challenging projects in the world. Hoffman is the general contractor for the Century Project.
- **Front, Inc.**
Front is a design consulting firm comprised of more than fifty professionals with backgrounds in architecture and structural, mechanical, and environmental engineering. They provide specialist façade system design expertise and are advising on glazing design for the Century Project.
- **Herzog Glass**
Since its inception in 1964, by Robert Herzog following his experience as a superintendent on the original Space Needle build, Herzog Glass has been an industry leader in the greater Seattle area. Known as the “go-to” glazing company for difficult projects, Herzog Glass has not only been integral to the design concept of the remodel, but is responsible for the installation of glass throughout the project. Most notably Herzog Glass is installing 2,500-pound barrier glass using a custom glass setting machine, as well as the soffit, floor, and vision glass on the restaurant level and Observation Deck. From concept to procurement to install, Herzog Glass has been there every step of the way.
- **Breedt Production Tooling & Design**
Breedt Production Tooling & Design (BPT Design) is a tooling and design house that creates solutions for challenges facing global and local original equipment machines across the manufacturing industry including, but not limited to: aerospace, vertical lifting equipment, and construction supplies. BPT Design Owner Andries Breedt, designed and created the glass placement machine robot for the Century Project.