

World Trade Center, Transportation Hub New York, NY

Project Owner:

The Port Authority of New York and New Jersey

Design Team

- Architect/Engineer: Downtown Development Partnership Architects and Engineers

Installation Type:

Commercial Installation

General Contractor:

- Skanska USA

Manufacturers:

- Titus: CT (Aluminum linear bar grille); 300RS (Stainless steel double deflection supply grille); 350RL (Steel double deflection supply grille)
- Greenheck: BSQ Fans (Centrifugal Inline Fans); QEI Fans (low-sound and highly efficient)
- Toshiba: Q9 18-Pulse Drives (LV Variable Torque)

Completion Date:

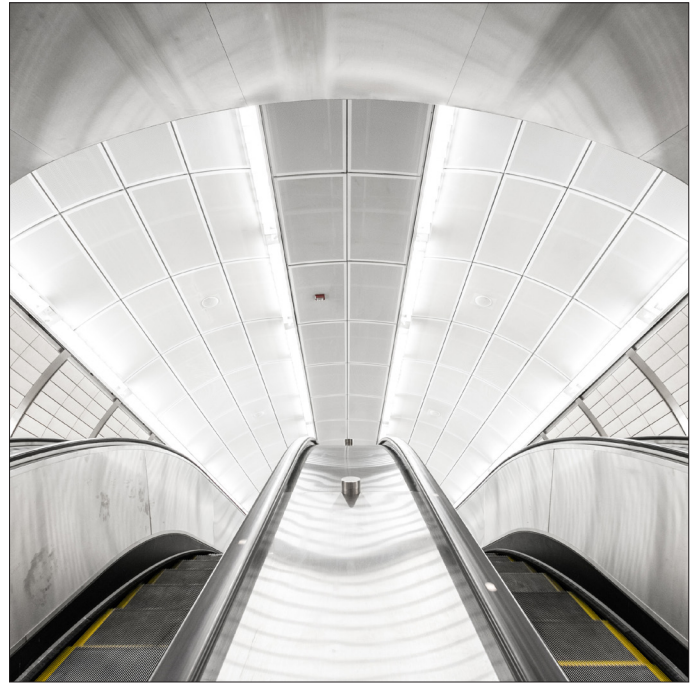
- 2016

Project Overview:

Due to the unusual angles of the Santiago Calatrava-designed Transportation Hub, the Titus grilles required for air movement were all custom designed and produced. In order to keep with the schedule, the 18-Pulse Toshiba drives were expedited in 4 weeks. Because of the high profile and tight security surrounding this project, site visits were limited and required special coordination with manufacturers.

The World Trade Center Transportation Hub, which opened in March 2016, will serve 250,000 daily commuters and millions of annual visitors. At approximately 800,000 square feet, the Hub will be the third largest transportation center in New York City, and the most expensive transit center ever built.

The concourse will connect visitors to 11 different subway lines, the Port Authority Trans-Hudson (PATH) rail system, Battery Park City Ferry Terminal, the World Trade Center Memorial Site, WTC Towers 1, 2, 3, and 4, the World Financial Center and the Winter Garden. It will represent the most integrated network of underground pedestrian connections in New York City.



description courtesy of PANYNJ

photo credit Max Touhey