

A first in India, the Passenger Boarding Bridges (PBB's)* which are part of upcoming New integrated Terminal Building (NITB) at Chennai International Airport will boast of "make in India" tag envisioned by Government of India to boost entrepreneurship and Domestic manufacturing in India. The PBB is an enclosed, elevated passageway which extends from an airport terminal gate to an airplane allowing passengers to board and disembark an aircraft without the requirement to go outside or to be exposed to the elements. PBB's can be found in many configurations and may be fixed or movable depending upon the installation. 15 such Boarding bridges of three different configurations (47 mtrs - 07 nos, 32-40 mtrs - 07 nos, and 32 mtrs - 01 no) are proposed for the New terminal building and their installation are planned in two phases.

The installation of two boarding bridges, both measuring 47 mtrs, for the first phase is already underway and are amongst the longest being used in Indian Airports. The components used for PBB including the Fixed link tunnel that links the PBBs with terminal gate are Indian make (50+ % of components including Tunnels, Cabins, UPS, ACs, Cables etc). All PBBs comes with Advanced Visual Docking Guidance Systems (A-VDGS) which provide active guidance to pilots to support safe, efficient and precise automated aircraft parking during all operating conditions.

The Phase-I of NITB is placed/scheduled for commissioning in December 2022.