

AIRNEWS

by  **ADELTE**
THE BOARDING COMPANY

PASSENGER BOARDING BRIDGES, GROUND SUPPORT EQUIPMENT, PASSENGER TERMINAL SOLUTIONS AND GLOBAL SERVICES

Advanced boarding technology in the Indian Ocean

High-tech PBBs for futurist passenger terminal

Back to Baghdad

Manufacturing Martinique's next passenger boarding solution

ADELTE doubles its presence in Bordeaux

In the name of Efficiency, Safety and Reliability

Extended lifespan projects

Outstanding Apron Drive refurbishment

Improving aircraft handling and sustainability



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Advanced boarding technology in the Indian Ocean

Réunion - France



ADELTE has accomplished the installation of two Apron Drive passenger boarding bridges contracted by La Réunion's Roland Garros Airport to provide commercial aircrafts, including the A380, and their passengers the best docking and boarding service. After supplying the electromechanical and glass-sided PBBs equipped with ADELTE's new A/C Rooftops

and hurricane tie-down systems, ADELTE has won a new contract for the upgrade and refurbishment of the existing other six PBBs. All electrical components, PLC, control console, flooring and glass panels will be changed, six A/C Rooftops will be installed and the PBBs will receive a specific anti-corrosion processing and high quality painting.



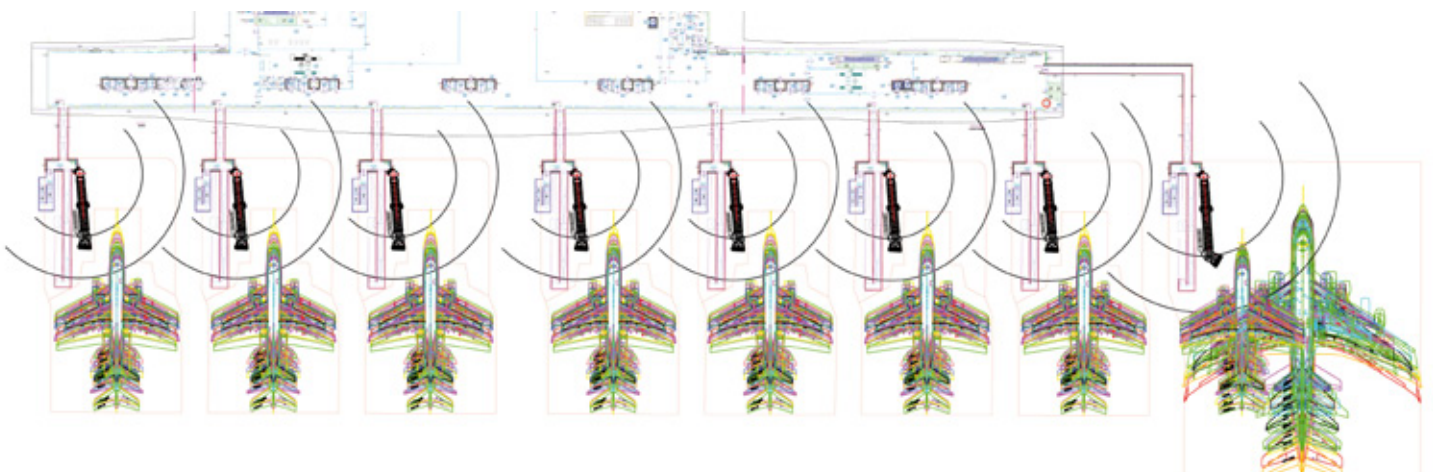
High-tech PBBs for futurist passenger terminal

Zagreb - Croatia

The international company Bouygues and ADP Management have commissioned ADELTE for the supply of eight boarding bridges which will operate at the new terminal currently under construction at the Croatian capital's airport.

The PBBs designed and manufactured by ADELTE are a key part of the ongoing works to update the airport's facilities.

These new-generation electromechanical Apron Drive models with two steel-sided sections will be able to service class C aircraft and, on one position, will also dock class D and E commercial planes. All PBBs are equipped with the most advanced docking technology and include 400Hz Ground Power Units in order to provide efficient, safe and sustainable turnarounds.



Back to Baghdad

Baghdad - Irak

The Iraq Civil Aviation Authority (ICAA) has awarded ADELTE two new contracts for the supply of twelve additional PBBs operating at the Samerra and Babylon terminals of Baghdad International Airport. All units are hydraulic Apron Drive models with two glass-sided sections and will be supplied along with twelve walkways and twenty-four rooftops, also designed and manufactured by ADELTE. These new contracts will make a total of eighteen new ADELTE PBBs in operation at the first Iraqi airport, significantly improving docking, passenger embarkation and disembarkation and maintenance operations.



Manufacturing Martinique's next passenger boarding solution

Martinique - France

Martinique Aimé Césaire International Airport, in cooperation with ADPI consultancy, is modernizing its infrastructures to provide a better service to airlines and its almost 1.7 million passengers a year. In view of this, ADELTE has been contracted to supply seven passenger boarding bridges to replace the existing ones. The unique design of these PBBs consists of three crescent glass sections with an electromechanical mechanism, each equipped with two 400Hz GPUs of 90kVA. The units, distributed in five positions, two of them double, will serve a wide range of aircrafts, including class F A380, adapting perfectly to the current and future needs of airlines operating at the French Caribbean Island.



ADELTE's manufacturing facility

ADELTE doubles its presence in Bordeaux

Bordeaux - France

ADELTE has completed the delivery of two state-of-the-art passenger boarding bridges at Bordeaux-Mérignac Airport. These two new units offer the same characteristics as the first two PBBs installed last year at the same airport and which are operating successfully. Consisting of three crescent steel sections with an electromechanical mechanism for traction and lifting, they are designed with service stairs on the left side of the cabin in order to perfectly accommodate the specific configuration of the platform and to dock a wide range of aircrafts. With a total of four advanced PBBs versatility, flexibility and efficiency are now a reality on the Aquitanian apron.



Global Services

ADELTE has extensive experience in Airport Services, using the latest technologies and employing highly qualified personnel. Its unique and fully integrated approach makes ADELTE your global partner for the whole lifespan of your Passenger Boarding Bridges and Ground Support Equipment.

ADELTE provides a complete range of tailored Services to guarantee continued optimal productivity on the apron and ensure fast, safe and on-schedule turnarounds each and every day:

- Annual Technical Inspection
- Operations & Maintenance training programs
- Preventive & Corrective Maintenance
- Extensive inventory of Spare Parts
- Upgrades & Refurbishment
- Operation services
- Dismantling & Disposal



In the name of Efficiency, Safety and Reliability

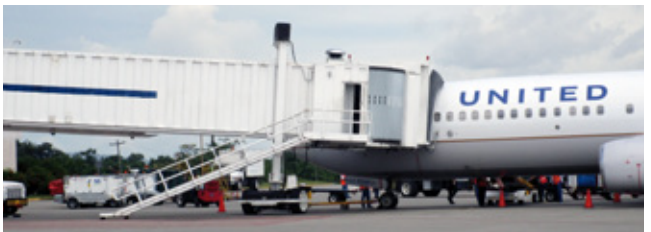
Tarbes - France

ADELTE has been providing maintenance services to Tarbes Lourdes Pyrénées Airport, in the south-West of France, for several years now. SNC-Lavalin, the airport operator, has chosen to entrust ADELTE the upgrade of all its boarding bridges. Mostly control consoles, PLC, columns and all electrical components were replaced along with glass panels and the PBBs received high quality painting. Now the airport can welcome in optimum conditions all the travelers and pilgrims journeying to Lourdes and guarantee them, including those with reduced mobility, an easy and comfortable access to stationed aircraft.



Extended lifespan projects

Salta - Argentina · San Pedro Sula - Honduras



ADELTE recently completed the upgrade of three PBBs at Ramón Villeda Morales International Airport, operated by Interairports (Aeropuertos de Honduras), and another PBB at Martín Miguel de Güemes International Airport, operated by Aeropuertos Argentina 2000. Some of the main components replaced included the canopy, control console, PLC, bogies, bumpers, hydraulic and electric motors, inverters, auto-leveling arm, flooring and limit switches. The four boarding bridges can now provide an optimum service for at least another 10 years, improving both travelers' experience and aircraft services.



Outstanding Apron Drive refurbishment

Abidjan - Ivory Coast

The company Aeria, subsidiary of Egis Avia, that manages Félix-Houphouët-Boigny International Airport, the largest airport in Côte d'Ivoire with record 1.3 million travelers in 2014, plans to convert it into one of the most modern and main hub of West Africa and therefore contracted ADELTE to realize a full refurbishment of its four Apron Drive passenger boarding bridges. Distributed in two double positions, the PBBs offer now a significant increase in reliability and efficiency, resulting in lower operating and maintenance costs, and allow the airport to provide an optimum service to airlines, ensuring complete safety and comfort for passengers and operators.

NEW PCA INVERTER TECHNOLOGY



Improving aircraft handling and sustainability

Constant dedication to R&D&I is crucial for providing better service and delivering the most advanced gate solutions to clients around the world.

After the launch in 2014 of a new version of the **ZEPHIR Preconditioned Air Series (PCA)**, improving heating and cooling performance for a wide variety of stationed aircraft in all climatic conditions, ADELTE kicks off 2015 by introducing a complementary line of PCA featuring a cutting-edge **full INVERTER technology**, up to 35% more efficient than current PCA units on the market.

ADELTE's innovative PCA systems were recently chosen by airports in Spain and South Korea.

Indeed, **AENA** commissioned ADELTE to manufacture and install **20 ground mounted PCAs with Inverter technology at Palma de Mallorca Airport**. Distributed in 10 units of 30Tn, 6 units of 40Tn and 4 units of 70Tn, these GSEs are to be delivered in two phases, starting this summer, and will ensure a significant decrease of operational costs, refrigerant load and CO2 emissions and contribute to improve Balearic's first airport's sustainability.

ADELTE was also awarded a contract by **Incheon International Airport** for the delivery of **42 PCAs**, all ground mounted. The 27 units of 100Tn, 13 units of 45Tn and 2 units of 60Tn are scheduled to be supplied in the second half of 2016 for the phase III of the airport extension. High quality preconditioned air, environmentally-friendly refrigerants, smart PLC control, durability and ease of maintenance are among the many advantages of the South Korean new GSE acquisition.



The installation of the new Apron Drive boarding bridges is now completed at Martinique Aimé Césaire International Airport

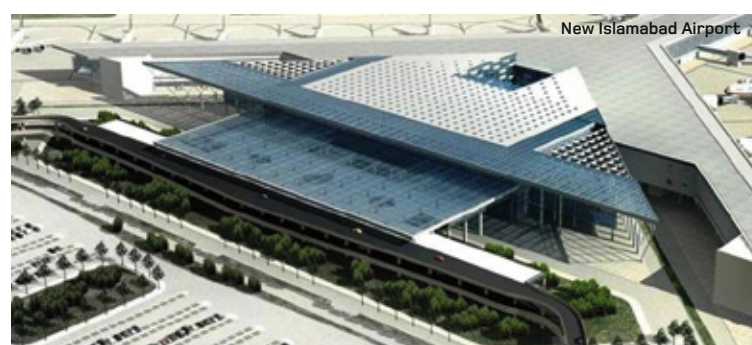
Martinique - France

The seven new Passenger Boarding Bridges designed, manufactured and installed successfully by ADELTE in replacement of the old ones are now totally operational. Being able to guarantee airlines with the highest quality of infrastructure is essential for the airport operator in order to generate more traffic and enhance passenger flow, as well as being able to efficiently service the wider F class, such as the A380.

ADELTE returns to Pakistan after securing two contracts for the supply of PBBs and GSE complete solutions

Islamabad & Karachi - Pakistan

Pakistan is a growing market where ADELTE already has experience in providing airport equipment. The PCAA wanted to modernise its airport infrastructure and enhance operations, safety and comfort for its 16 million passengers annually. So it contracted ADELTE to provide a complete gate solution including 44 PBBs, 12 walkways, 29 PCAs, 30 rooftops, 28 GPUs, 33 VGDS and an Integrated Aircraft Stand System (IASS), for Karachi international airport and the new Islamabad airport, which is still under construction.





Refurbished and upgraded boarding bridge systems with ADELTE's advanced technology

Reunion - France

By the end of 2015, the first phase of the ambitious development programme of La Réunion Roland Garros Airport's infrastructure will be completed, having started in 2011. This included the installation of two new PBBs and, more recently, the upgrade and refurbishment of the six existing ones, by ADELTE. The latest units have been commissioned and the airport can now operate up-to-date, efficient and reliable equipment for safe and fast turnaround on every position.

ADELTE's local maintenance services contracted by OACI for Tocumen International Airport

Panama City - Panama

With a solid and growing number of passengers year on year, Panama's city airport is considered one of the main gateways to Latin America and will soon receive Emirates Airline's world's longest direct flight. Since September, ADELTE's local team has been providing a full maintenance service of the existing 34 PBBs and ensures that all are in optimum operational condition in order to provide a high quality service, every day.



The second oldest city of South America to operate new generation boarding systems in 2016

Santa Marta - Colombia

Aeropuertos de Oriente is modernising almost every area of Simón Bolívar Airport in order to rise to the challenge of passengers' expectations of this touristic city. Boarding equipment is one of the key areas of this development project for which ADELTE will supply and install five glass-sided PBBs, each equipped with ZEPHIR PCAs and GPUs, thus providing high quality service to airlines and improving airport sustainability.



ADELTE lands in Turkmenistan with new Apron Drive PBBs and GSE units

Turkmenabat - Turkmenistan

The construction of the new airport infrastructure started in 2013 and should be completed during the first quarter of 2016. The new passenger terminal with a capacity of 500 pax/hour will operate safe, modern and efficient gate equipment supplied by ADELTE. The five innovative PBBs equipped with the latest-generation PCA and water cabinet will enhance Chardzhev's airport operations.



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