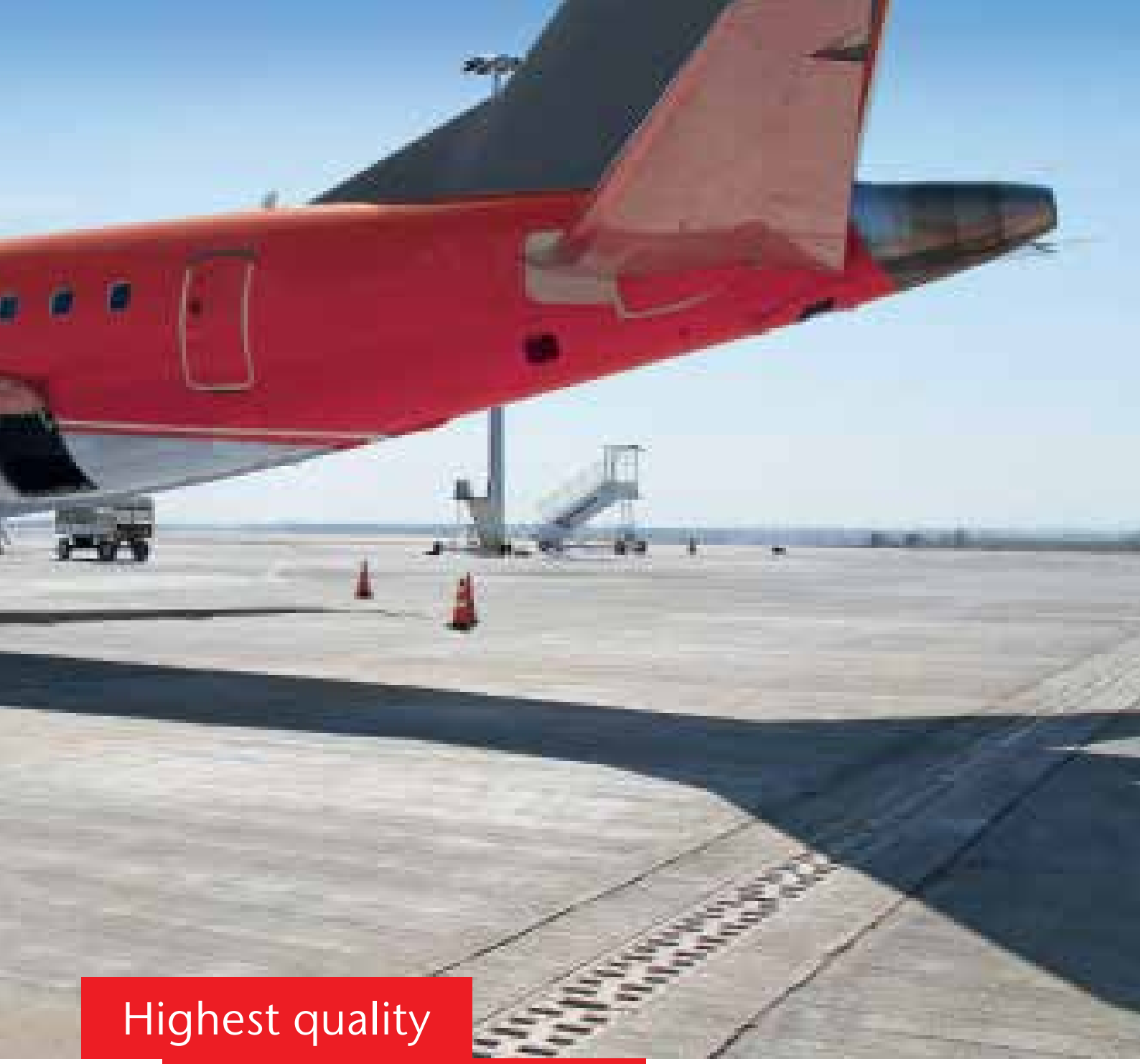


Highest quality for maximum safety

ACO Product solutions for airports

ACO. creating the future of drainage

The worldwide ACO Group. A strong family you can build on.

The ACO Group is a world market leader in drainage technology. Climate change sets us a challenge to react effectively with innovative solutions to new environmental conditions. With its integrated approach, ACO stands for professional drainage, efficient cleaning, and the controlled discharge or reuse of water. Products include drainage channels and drains, oil and grease separators, backflow stop systems, pumps and pressure-water-tight cellar windows and light shafts.

The family-owned company headquartered in Rendsburg/Büdelsdorf, Germany, was founded in 1946 on the site of the Carlshütte foundry – Schleswig-Holstein's first industrial company. It still has very strong roots in the region. The innovation strength of the ACO Group is built on intense research and development, and its technical expertise in processing polymer concrete, plastic, cast iron, stainless steel and reinforced concrete.

www.aco.com

Headquarter of the ACO Group
in Rendsburg/Büdelsdorf

5.000

employees in more than 44 countries (Europe, America, Asia, Australia, Africa)

900 M.

Euro Sales in 2020

35

production sites in 18 countries

ACO Academy
for practical training

Holder
Hans-Julius and Iver Ahlmann (left)

Airport installations around the world

Drainage in heavy-duty areas

Airports - The toughest test

Airports provide the most challenging environments for drainage systems. Constant movement of heavy loadings around the clock impose severe stress on any product.

Liquids used in de-icing can create both corrosion and EPA issues and have to be managed by the trench drain.

Added to these are the ever present requirement for safety on airports, meaning only proven, reliable, quality products are used.

As a global company, ACO has been involved in, and supplied, a variety of products worldwide. ACO has the most comprehensive range of products for trench drainage to suit every application and loading - for Runway or Terminal.


ACO

References Oceania New Zealand

Auckland Airport – AKL

ACO PowerDrain S200K and S300K

Back in 2004/2005, ACO's PowerDrain S300K channels with Ductil Iron slotted grates were installed at the Auckland Airport. The system reliably manages the surface water removing any risk of ponding hazards on the airfield. Being certified to AS 3996 Load Class G900, the PowerDrain easily copes with high point loads, meeting the load requirements for this project. Also special recesses in the edge rail fit around 'anti-shunt' lugs on the grate to prevent longitudinal movement when heavy aircrafts are crossing over the drain.

By ACO New Zealand

Christchurch Airport – CHC

ACO KlassikDrain K100

Christchurch International Airport is New Zealand's second busiest airport, seeing around 6 million passenger movements a year. To cater for increasing usage, an integrated domestic and international terminal was opened in 2013. The integration of the existing international and new domestic terminals, as well as the main car park building, created a large forecourt area. To ensure pedestrian safety, designers engaged ACO to assist with the hydraulic design for the stormwater drains. KlassikDrain options were modelled and a design was tailored to the enviroment and waterflow rate required.

By ACO New Zealand

References Oceania Australia

Passenger Pickup Melbourne Airport – MEL

ACO KlassikDrain K100

Opened in 1970, Tullamarine Airport in Melbourne is Australia's second busiest airport. The Melbourne Airport Corporation recently upgraded and reconfigured the road near the terminals to accommodate a designated pick up area for incoming passengers. To facilitate safe and efficient passenger movement, the brief required all pavements to be flat, have adequate drainage and for grates to be slip resistant. Designers subsequently specified ACO's sloped KlassikDrain. The slope in the channel system provides the necessary fall to efficiently drain the rainwater thereby keeping the flat walking surfaces free from flooding. The stainless Heelsafe® grates are slip rated to R10, AS 4586.

By ACO Australia

Hobart Airport Extension - HBA

ACO KlassikDrain K200

Hobart Airport is undergoing a major redevelopment at a total cost of $100 million and is due for completion in March 2018. The passenger terminal will have a larger departure lounge, centralised arrival and international passenger processing areas as well as new retail and dining spaces. The 500 metre extension to the runway will make it possible for larger aircraft to fly further from Hobart. It will open up trade and tourism markets, as it will enable one-stop flights to Europe and direct flights to Asia for the first time. It will also enhance tourism to East Antarctica.

Project Design Brief: Stage one of the redevelopment required construction of hardstand pavement at the northern end of the terminal, utilising a variety of materials. A drainage solution suitable for large areas of flat pavement was required. The drainage system needed to be robust to withstand vehicle traffic and safe for large numbers of pedestrians with foot friendly grates.

By ACO Australia

References Europe Belgium

Supreme Headquarters Allied Powers Europe - SHAPE

ACO PowerDrain S300K

In the southwest of Belgium is the military command center of NATO forces in Europe, called the 'Shape'. The site's airstrip was completely redone in early 2007 so that the largest and most modern transport aircraft could land there. Naturally, we called on ACO. Nearly 3,900 meters of ACO DRAIN Multiline V 300 and 500 meters of ACO DRAIN S300K ensure efficient drainage of the air strip, which is 1950 meters long and 50 meters wide. 2 Multiline V300S lines with cast iron grids of resistance class E 600 kN line the runway lengthwise. In the taxi zone, 500 meters of S300K channels have been integrated to support the effective load of the aircraft wheels. During the development of the project, work with sustainable products was expressly put forward, but extremely competitive prices forced us to practice months of lobbying to win the market. The service before, during and after the transaction, in coordination with the technical advantages of our products, tipped the scales in our favor.

By ACO Belgium

General-Major Aviator Comte Ivan Du Monceau de Bergendal

ACO Multiline V300S

In the beginning of April 2010, the airfield of the air base of the NATO in Kleine-Brogel, in the north-east of Belgium, has been taken over. Nearly 4000 meters of ACO DRAIN Multiline V300S channels, placed on the left and right side of the track, provide drainage. Like previous projects, although the execution is always carried out via other contractors, installation was extremely fast thanks to the well-studied handling and integration procedures. The channels were fixed on a robust concrete foundation, while a special machine poured the walls securely. The cast iron walkway grates of resistance class E 600 kN are securely fixed to support the powerful air displacements generated by the turbines of F-16 fighter jets. To do this, tests have been carried out beforehand in our laboratories. However this ingenious technique allows the grates to be removed quickly for maintenance.
These projects require the highest quality standards and the experience accumulated by ACO to efficiently drain your industrial project, from loading and unloading docks to transshipment areas.

By ACO Belgium

References Europe Bosnia

International Airport Sarajevo - SJJ

ACO Qmax 900

Reconstruction of the runway at Sarajevo International Airport, as well as the entrance - exit from the facility.
The following products were delivered to the facility:

ACO Qmax 900 channels - 360 m
ACO Multitop F900 covers - 61 pcs
ACO Multitop D400 covers - 8 pcs
ACO CityTop system Bituplan D400 - 10 pcs
ACO Multitop drain grate D400 - 9 pcs
ACO Combipoint PP drain tanks - 3 pcs
ACO Multiline V150G - 20 m
ACO Multiline V200G - 45 m
ACO Lipumax PB NS 4/460 - 1 pc
ACO Easyflow drains - 10 pcs
ACO SAT-50/2/2/32 pumps - 2 pcs
ACO Wal-selecta drains - 5 pcs
ACO Trigona D400 covers - 28 pcs
Professional mats for shoes type Marschall - 36 m2
ACO cable shafts

By ACO Bosnia

International Airport Mostar- OMO

ACO Qmax 900

The International Airport Mostar, openend in 1965, is an airport located near the city Mostar in Bosnia Herzegovina. Its dated terminal area had been the first thing passengers notice on arrival for years.
To replace dated elements, increase the terminal‘s capacity of passenger flow and provide greater comfort of passengers, the terminal had gone through an reconstruction.

ACO has contributed to this project, suplying its products, well suited for airports around the world.
The following products were delivered to the facility:

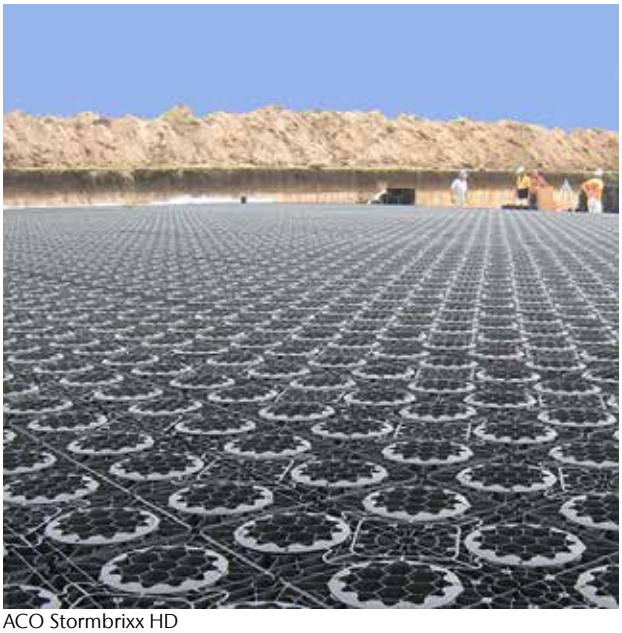
ACO Qmax 225 channels with Q-flow inflow groove
ACO Separators of petroleum products
Biological wastewater treatment plant

By ACO Bosnia

References Europe Bulgaria

Burgas Airport - BOJ

ACO Monoblock RD150V



ACO Stormbrixx HD

ACO delivers a complete surface water management solution for Burgas Airport, including runway drainage, adjacent infrastructure, surface water treatment systems, as well as a large-scale infiltration system to the sewer. The technical team of ACO supports the design and construction of the project.

The challenge in the drainage of the runways is on the one hand the large catchment area, and on the other - the requirement for stability of the drainage channels for the passage of aircraft and heavy equipment. The drainage is performed with the ACO Monoblock system , which is characterized by exceptional resistance and safety. The systems are certified for the highest load class F900.

One of the largest infiltration systems in the country with dimensions over 1500 cubic meters. is implemented to the sewer of the airport. Designers choose the ACO Stormbrixx system because of its incomparable advantages in terms of efficient volume, design flexibility and speed of installation.

By ACO Bulgaria

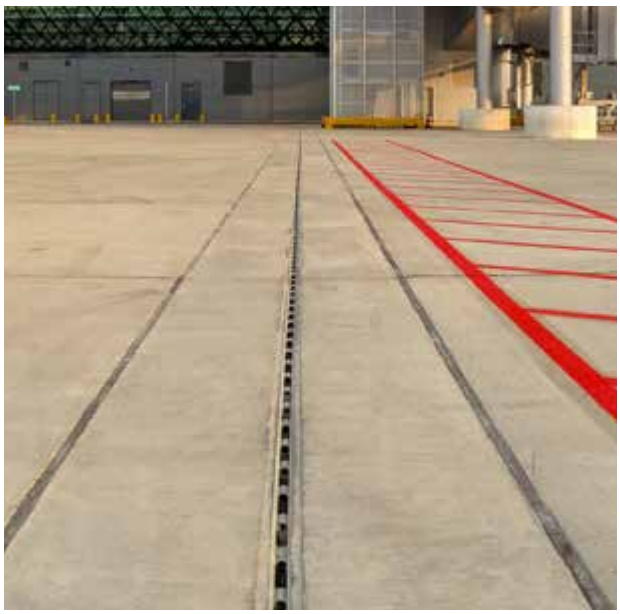
ACO Stormbrixx HD

ACO Monoblock RD150V

References Europe
Croatia

Franjo Tudjman Airport, Zagreb - ZAG

ACO Monoblock RD200V



ACO Qmax

The new passenger terminal of the “Franjo Tuđman” Airport is the largest infrastructure project in Croatia in the last ten years, in which around 300 million euros have been invested, and it was built for three years by mostly domestic companies. The project of the new airport is the work of local architects Branko Kincl and Velimir Neidhardt and designer Jure Radić. The new terminal is an impressive building of 65 thousand square meters on four floors with a specific and recognizable corrugated roof.

ACO has been involved in the project from the very beginning; from hydraulic calculations to the design of inflow profiles according to the specific requirements of the runway drainage project. Standard products were also used for application at other positions on the facility.

Linear drainage ACO Qmax large hydraulic capacity made of polypropylene, was used for drainage of the runway, with an inflow profile that allowed continuous water intake from the variable level of the runway shoulder. Drainage of access pedestrian corridors was performed with discrete SlotTop line inflow profiles, while drainage of parking areas was solved with Multiline channels. The Monoblock RD channel system was used on the access roads, and a curb with integrated KerbDrain drainage was applied on the roundabouts that are part of the access roads.
Cast iron CityTop covers have been installed on the runway, parking lot and access roads.

By ACO Croatia

ACO Monoblock RD200V

ACO Qmax

References Europe Germany

Airport Expansion Frankfurt - FRA

ACO light liquid separators Oleopator PR NS 100

As part of the airport expansion in Frankfurt, a nationwide unique separation plant with a nominal size of 2,000 liters per second was put into operation last August. The system was installed on a 12,500 m^3 rain retention basin. In order to be able to carry out the construction work, which was only permitted at night, it was necessary to move 30 truckloads of separators and accessories over the apron of the airport within three night shifts in compliance with aviation security. Frankfurt Airport is one of the most complex structures in the region and is subject to constant change. Due to the ever increasing number of passengers, a new runway and a terminal expansion were required. In addition to these visible buildings, the drainage systems also had to be expanded due to new legal requirements and the additional areas of the new buildings to be drained. In the course of these construction measures, the ACO group of companies designed, manufactured and installed a large separation system with a cleaning performance of 2000 l/s. The system is an integral part of the entire drainage system and was placed directly above the rainwater retention basin, volume 12,500 m^3, for reasons of space.
Product installed: 20 light liquid separators Oleopator PR NS 100 class I.

By ACO Germany

ACO light liquid separators Oleopator PR NS 100

References Europe Poland

Lotnisko Krakow Balice Airport - KRK

ACO Monoblock RD300

ACO Monoblock RD300

John Paul II International Airport Kraków-Balice is located in the southern part of Poland to the west of the city of Kraków in the town of Balice. In 2015 the ACO Monoblock RD300 system was used to drain the runway and apron. The total length of the drainage exceeds 1 km. The airport serves many airlines flying to Europe and since 2019 also American Airlines. In 2019 the Kraków-Balice airport served over 8 million passengers.

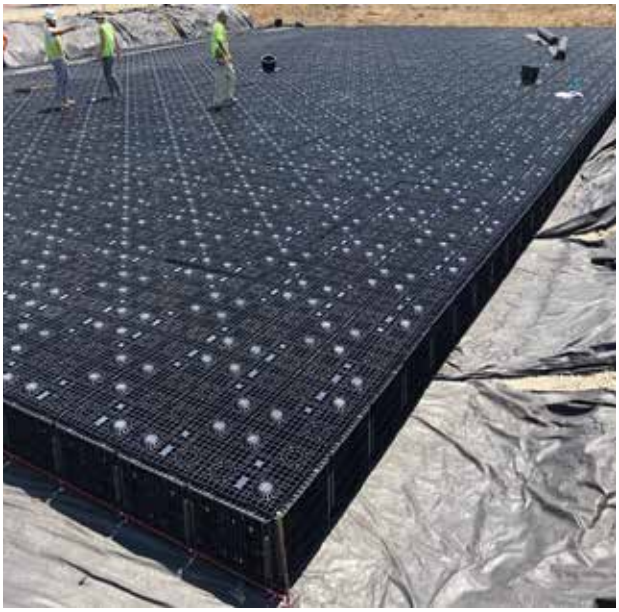
By ACO Poland

ACO Monoblock RD300

References Europe Portugal

Lisbon Airport - LIS

ACO Qmax



ACO Stormbrixx HD

A fully functioning airport infrastructure, with the prospect of growth in area and activity such as Lisbon Airport (Portugal) and with specific hydraulic singularities given its proximity to the Tagus River, must have retention, infiltration and water attenuation systems rainwater that prevents the collapse of the existing sewerage network. To prevent this situation from occurring, it has been decided to reinforce its stormwater evacuation infrastructures with ACO Stormbrixx storm tanks. In addition, the airport has Qmax® high capacity drainage channels.

ACO Stormbrixx HD

Lisbon Airport is one of the largest in southern Europe with a total traffic of 26,7 passengers in 2017. It is currently undergoing an expansion project, while updating its existing infrastructure. Among the improvement actions, it has been necessary to reinforce and rehabilitate the rainwater channeling system. The technicians had registered certain existing difficulties in the storm drainage system for the current flows, so it was necessary to prepare a new management and punctual water retention plan to improve the hydraulic performance of the sanitation network. Of course: maintaining the existing pipes and collection systems.

Products used: Qmax and Stormbrixx

By ACO Iberia

References Asia
China

Beijing Daxin International Airport - PKX

Aerial View - Beijing Daxin International Airport

Aerial View - Beijing Daxin International Airport

On the southern border of Beijing is a gigantic field occupied by a massive “starfish”, a structure with six arms. It’s the Beijing Daxing International Airport (BDIA).
On Sept 25, President Xi Jinping announced the official opening of the BDIA. The new airport complex, consisting of a main terminal, a supporting service building and a parking lot, covers an area of about 1.4 million square meters. That’s equivalent to 63 Tian’anmen Squares, according to Beijing Review.
The new airport is expected to ease pressure on the Beijing Capital International Airport (BCIA). “BCIA handled more than 100 million passengers in 2018, which is close to its capacity,” said Cui Xiaohao, an official with the Beijing Municipal Development and Reform Commission, at a press conference in January.

Designed by legendary Iraqi-British architect Zaha Hadid, BDIA was listed as the first of the “seven wonders of the modern world near completion” by the Guardian in 2015. BDIA has also adopted various new technologies to make it smarter and more efficient.
According to the Civil Aviation Administration of China, 86 percent of check-ins can be done through self-check-in kiosks, and 76 percent of luggage can be checked automatically with the help of self-service bag-drop machines.

Lipator-SS NS4*53PCS
Lipator-SS NS7*2PCS
Muli-Star DDP Pro 2.3*55PCS

By ACO China

References Canada
British Columbia, Ontario

Vancouver International Airport - YVR

ACO PowerDrain S300K

A $17 million upgrade to Gate/Pier 38 at Vancouver International Airport makes life easier for regional commuters. As part of the upgrade a number of taxiway enhancements were completed to increase taxiway efficiency and enable larger aircraft to use the area. During the design phase the engineers contacted ACO for advice on the appropriate drainage solution.
PowerDrain S300K was chosen for its high hydraulic capacity to cope with heavy downpours and snow melt. The gate area is at apron level and passengers walk out to the planes so keeping the area free of ponding was important.
S300K is load tested to DIN 19580 Class F and would withstand traffic of aircraft and service vehicles.

By ACO Canada

Toronto Pearson International Airport - YYZ

ACO FG200

The Air Canada 747 hangar at Toronto airport is designed to hold up to 3 aircraft. The hangar has sliding doors which each run on a separate track to allow full access to the building. This creates a large area where rain and water run-off from ice and snow can creep into the building. A trench drain system was required to run along the entire length of the opening to intercept water from outside and also capture any wash down fluids contaminated with fuels and oils from inside the building.
ACO FG200 with ductile iron grates was selected for its excellent hydraulic performance and ability to withstand stand the heavy loads from the Boeing 747 aircraft.

By ACO Canada

References USA California

Oakland International Airport Oakland, CA - OAK

ACO PowerDrain S100K

The apron around Hangers 1-5, where the private jets are housed, was experiencing flooding issue as the catch basins were not working effectively.
During the redesign a cast-in-place system was specified, however due to installation advantages of a modular trench drain the specification was changed to S100K.
PowerDrain S100K offered comparable hydraulics but is supplied as a one-piece unit with grates installed. This provided several time and cost savings during installation.
S100K has been tested up to Load Class F so could deal with the wide variety of vehicles that would beusing the road. Grates are locked into the channel at 8 points on every meter channel which reduces the risk of missing or loose grates.

By ACO USA

City of Banning Airport Banning, CA - BNG

ACO PowerDrain S300K

The engineers were designing improvements for the City of Banning Airport because water was flooding the hangars during heavy rainstorms, causing problems for pilots and staff. To resolve this issue, a trench drain system was needed.
ACO's PowerDrain S300K was chosen for the job because of its hydraulic capacity, enabling removal of large amounts of water in a short amount of time.
Additionally, the ductile iron grates are rated load class F which can withstand the constant movement of heavy aircraft and airport vehicles crossing over the grates.

By ACO USA

References USA Nevada

McCarran Airport Baggage Area Las Vegas, NV - LAS

ACO FG200

McCarran Airport's Southwest baggage area was experiencing flooding. FG200 was installed to drain water that was collecting in the baggage area.
The FG200 system gives a large trench hydraulic capacity allowing minimal outlets to be used to drain the area required. The system was fitted with slotted ductile iron grates. Each grate is locked to the steel trench bearing frame with 2 bolts per grate. A heavy duty grate was used on the trench drain to withstand the loads imposed by heavy vehicles which continually access the area.

By ACO USA

Reno Airport Reno, NV - RNO

ACO FG200

While building this phase of the project, the engineers decided that a trench drain would be needed to catch and drain storm water run off and avoid ponding.
FG200 was selected to provide the necessary hydraulic performance and ensure all storm water is quickly removed to prevent a slipping hazard as well as preventing water from getting inside the building when the luggage is carried in.
Additionally, the load rating of the ductile iron grates can withstand vehicular traffic from airplanes, maintenance and baggage vehicles.

By ACO USA

References Latin America
Brazil

Hangar 3 Congonhas Airport - CGH

ACO Monoblock RD200V


ACO Monoblock RD200V

Congonhas Airport, located in São Paulo is amongst the three largest airports in Brazil and considered to be the busiest executive airport in the country. According to Infraero, In 2014, the site received an average of 562 aircrafts and more than 18 million passengers, connecting São Paulo to 25 locations.
Hangar 3 is occupied by GOL Linhas Aéreas, and due to heavy aircrafts continuously moving over the existing drainage, made of conventional concrete, there were several damaged grates and channels. As the system's function was limited, the surface water couldn't be managed properly, which compromised the safety of employees and aircrafts throughout the site. During a technical on-site visit, the ACO Brazil team detected that the bottom of the drainage channels had deteriorated, and included the presence of vegetation and silting. This affected the surrounding pavement because the system couldn't handle the high infiltration rate. ACO's challenge was to present a solution that would meet the given deadlines and local requirements. Therefore ACO put forward its monolithic Monoblock® drainage system, which was installed from the end of 2015 to the beginning of 2016.

ACO's product was chosen, due to the ability to withstand challenging environments and the durability of the system. 120 meters of ACO Monoblock® RD200V 20.0 with the load class G900 were provided, in addition to several accessories, including Polymer Concrete Access Elements for ACO Monoblock® RD200V 20.1 with Cast Iron Grates and ACO's Powerlock® system.

By ACO Brazil

References Latin America
Brazil

LATAM Hangar Guarulhos International Airport - GRU

ACO Monoblock RD200V

ACO Monoblock RD200V

For the construction of the new LATAM Hangar, at Guarulhos International Airport in 2018, ACO was given the challenge to provide a drainage solution capable of capturing the high flow of water in a possible activation of the fire water system, ensuring the safety of the people passing through the site. Also a system to separate water and oil - which can come from small leaks in aircrafts and support vehicles - was required. Overall the system had to comply with local environmental standards.

Meeting these requirements, around 200 meters of ACO Monoblock® RD200V 20.0 were installed. ACO Monoblock® channel units are made from durable polymer concrete. Its monolithic shape (integrated channel and grate) makes the structure more resistant, in addition to prevent components vibrating loose.

The Installation is quick and easy to maintain - adding more value to the work and reducing costs.

For the disposal of water, the Oleopator NS80 Water and Oil Separator kit was supplied, which follows CONAMA's (Brazilian national standards) environmental requirements. The solution has a coalescent filter technology and other accessories to ensure the efficiency of the system. The system is able to separate the water from oils in it.

By ACO Brazil

References Latin America
Brazil

Viracopos Airport - VCP

ACO Monoblock RD200V

Recently, ACO's drainage systems contributed to the expansion work for Viracopos International Airport, in the city Campinas - São Paulo. In this project, the monolithic ACO MONOBLOCK® polymer concrete channel was used over a total length of 10,000 meters in the aircraft yard. ACO MONOBLOCK® channels were specifically indicated for this project, due to its fundamental characteristics for airport application, guaranteeing the efficiency of the drainage system. As the drainage system is pre-modeled, it provides faster installation, greater reliability and safety to the project. ACO MONOBLOCK® also has high chemical resistance to aircraft fuel oil, being ideal for collecting and draining surface water containing oil, which may be caused by accidental spillage or during aircraft maintenance.

By ACO Brazil

Azul Hangar Viracopos Airport - VCP

ACO Monoblock RD200V

Azul, the Brazilian airline, had planned the construction of a new hangar to house their aircrafts, this time at the Viracopos International Airport, in Campinas / SP.
The construction was carried out by Libercon Engenharia and started in 2019.
Participating in the project from the beginning, ACO's challenge was to offer a highly resistant drainage solution for the installations, taking into account the external area of the hangar (with heavy rain and heavy aircraft traffic occurring) and the internal area (where the aircrafts are washed and where it has a fire system that releases more than 2 meters of foam).
During the project, ACO specialists assisted the construction company to define the best solution for Azul's hangar. The ACO Monoblock®, present in several airports throughout Brazil and the world, was the most suitable solution, meeting the requirements. In the internal and external areas, more than 500 meters of linear drainage and accessories were provided that facilitated the installation and contributed to ease of maintenance.

By ACO Brazil

References Latin America
Colombia

Airport Leticia - LET

ACO Power Drain S300K

ACO KerbDrain

Rionegro Airport - MDE

ACO Qmax

ACO Qmax

Airport installations around the world

Further airports ACO supplied

United States
Grand Canyon, AZ - K System trench drain
Beale Air Force Base, CA - FG System trench drain
Los Angeles Air Force Base, CA - SK System trench drain
Los Angeles International, CA - K System trench drain
Oakland International Airport, CA - SK System trench drain
Aspen, CO - FG System trench drain
Colorodo Springs, CO - FG System trench drain
Denver International, CO - FG System trench drain
Orlando International, FL - FG System trench drain
Atlanta Hartsfield International, GA - FG System trench drain
Hickam Airforce Base, HI - FG System trench drain
Chicago O'Hare, IL - K System trench drain
New Orleans International, LA - FG System trench drain
Brunswick Naval Air Station, ME - SK System trench drain
Charlotte, NC - FG System trench drain
Holloman Air Force Base, NM - FG System trench drain
McCarran Las Vagas, NV - FG System trench drain
Neles Air Force Base, NV - SK System trench drain
Cincinnatti, OH - FG System trench drain
Ohio National Guard Armory, OH - FG System trench drain
Pittsburgh Airport, PA - Aquaduct trench drain
TF Green, RI - K System trench drain
Austin Bergstrom, TX - FG System trench drain
Provo, UT - FG System trench drain
Salt Lake City Airport, UT - FG System trench drain
Charlottesville, VA - K System trench drain
Richmond, VA - SK System trench drain
Spokane International, WA - K System trench drain
Honey Creek Air National Guard, WI - Aquaduct trench drain

Canada
Bonneyville Air Force Base, AB - K System trench drain
Toronto International, ON - SK System trench drain

Australia
Cairns International (QLD) K System trench drain
RAAF Schergar (QLD) FG System trench drain
Brisbane Domestic (QLD) FG System trench drain
Darwin (NT) S System trench drain
RAAF Tindal (NT) S System trench drain
RAAF Learmonth (WA) S System trench drain

New Zealand
Wellington International K System trench drain
Christchurch International K System trench drain
Auckland International Airport S300 System trench drain
Quennstown Airport S200 & 30 System trench drain

Europe
Laabruch, Germany - S System channel drain
Wildenrath, Germany - S System channel drain
Geilenkirchen, Germany - S System channel drain
Noerwenich, Germany - S System channel drain
Copenhagen, Denmark - S System channel drain
Brussels, Belgium - S System channel drain
Saventem, Belgium - S System channel drain
Oslo, Norway - S System channel drain
Evenes, Norway - S System channel drain
Gilze-Rijen, Netherlands - S System channel drain
Skoevde, Sweden - S System channel drain
Arlanda, Sweden - S System channel drain
Nice, France - S System channel drain
Roissy, France - S System channel drain
Orly, France - S System channel drain
Lagnac, France - S System channel drain
Toulouse, France - S System channel drain
Aerienne a Avora, France - S System channel drain
Aerienne de Tours, France - S System channel drain
Aerienne de Toul, France - S System channel drain
Aerienne de Reims, France - S System channel drain
Barcelona, Spain - S System channel drain

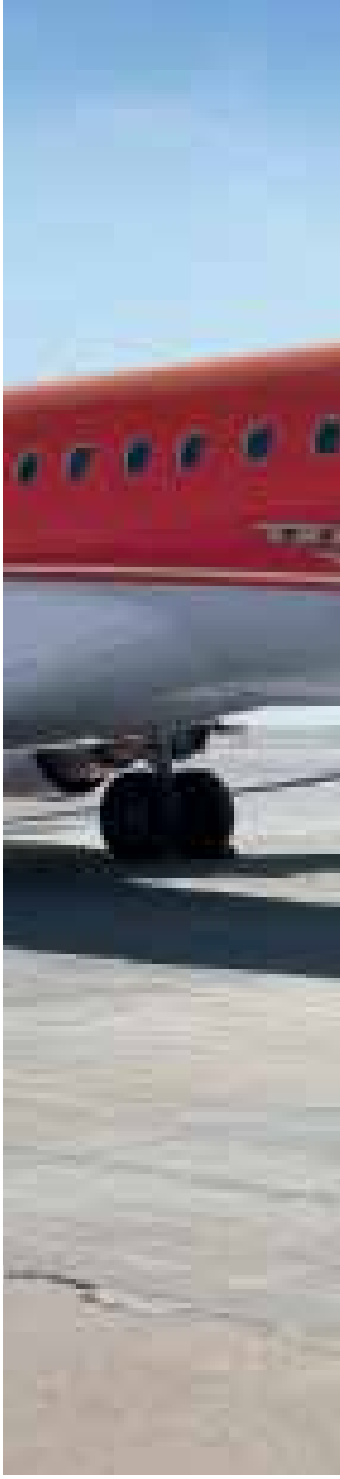
Airport installations around the world

Further airports ACO supplied

United Kingdom
Manchester International, England - S System trench drain
London Gatwick International, England - S System trench drain
London Stansted International, England - K System trench drain
London Heathrow International, England - S System trench drain
Norwich , England - S System trench drain
Dublin, Ireland - S System trench drain
Cork, Ireland - S System trench drain
Bristol, England - S System trench drain
Belfast International, Ireland - S System trench drain
Belfast Harbour Domestic , Ireland - S System trench drain
Ronaldsway, Isle of Man - S System trench drain
RAF Alconbury, England - S System trench drain
RAF Bentwaters, England - S System trench drain
RAF Honington, England - S System trench drain
RAF Lakenheath, England - S System trench drain
RAF Leuchars, Scotland - S System trench drain
RAF Mildenhall, England - S System trench drain
RAF Molesworth, England - S System trench drain RNAS
Culdrose, Scotland - S System trench drain

Middle East
Minhad Military, Dubai - S System channel drain
Dubai International, Dubai - S System channel drain
Al Jouf Military, Saudi - S System channel drain
KKMC, Saudi - S System channel drain
Abu Dhabi, United Arab Emirates - S System channel drain
Kuwait International, Kuwait - S System channel drain
Al Udeid Military, Qatar - K System channel drain


SINGAPORE AIRLINES



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ACO. creating the future of drainage