



KRB EQUIPMENT

PROJECT STORY .04



KRB shearlines and benders are being used to construct the new expansion of the Tripoli Airport.

Odebrecht Reinforces Tripoli Airport with KRB

Odebrecht Construction has once again selected KRB for the demanding cut and bend requirements at the Tripoli Airport Expansion. The Libyan government announced a project to upgrade and expand Tripoli International. The eventual total cost of the project, contracted to a joint venture including Brazil's Odebrecht is \$2.1 billion.

The project is to construct two new terminals at the airport, an East Terminal and a West Terminal, on either side of the existing International Terminal. Each of the new terminals will be 162,000 square-meters in size, and collectively they will have a capacity of 20 million passengers and a parking lot for 4,400 vehicles.

The initial capacity will be 6 million passengers when the first module comes into operation. Preparation is also underway for the second new terminal, which will eventually bring the total capacity to 20 million passengers; the completed airport is expected to strengthen Libya's position as an African aviation hub.



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Large amounts of reinforcing steel will go into the two new terminal buildings.

The harsh desert environment and exposure to the elements, coupled with the tight deadlines requires flawless performance. KRB machinery is built to take a pounding in the field.

“The variety and capacity required us to specify two standard shearlines with H4002 shears, two minilines with our A114 shear, two #18 benders and a Rotary 1016 automatic stirrup bender,” recalls Leon Leber, Vice President of Sales and Service.

“This was definitely a big job in a harsh outdoor desert environment. Our reputation for robust, reliable equipment pushed Odebrecht our way. We knew we could easily meet their 3,500 ton per month capacity and that our shearlines are second to none,” recounts Leber.

“We are proud to have Odebrecht as one of our partners. And we are proud of the equipment we design, manufacture, sell and service all around the world.”

The two new terminals are planned to be able to accommodate 100 aircraft simultaneously. The design includes the construction of 36 contact stands and nine remote stands for aircraft, a total of 32 fixed and 64 mobile boarding bridges, and eight check-in islands accommodating 160 check-in counters.

In addition, a total of 12 baggage carousels – four domestic and eight international - will be installed. Travelators measuring 2,300m, 26 escalators and 48 elevators are also planned.

To find out more about our world class shearlines and other rebar fabrication equipment, visit www.krbmachinery.com.

One of the most demanding projects in the world today, tight schedule and need for application of fast construction, requires machinery that performs day in and day out.

KRB machinery was selected to meet the demanding construction requirements for its long machine life and reliable performance in the field.



KRB Standard Shearline with conveyors to bending stations down stream.



KRB #18 Bender is a heavy duty bender for large bar sizes.