

CBH turning the tables

RAM's Revolver on Reach Stacker replaces tabletop bulk loader at Eti Bakir

Turkey's largest mining and metallurgy operations company Eti Bakir are turning the tables on their bulk handling with a further order of the Revolver on Reach Stacker.

Before introducing CBH, Eti Bakir used a rotating tabletop frame system to handle pyrite concentrate at their Mazidagi plant in Mardin, Turkey. Consisting of a rotating frame, the tabletop system with open-top containers mounted above a hopper is fed by a reach stacker onto a conveyor belt.

The tabletop system was temporary and proved slow and cumbersome. Following an increase in demand, Eti Bakir had to consider another bulk handling method, as their existing system could not sustain the high-volume levels required.

The team at Eti Bakir looked for a reliable, quick to set up and cost-effective solution, capable of being integrated into their existing handling process, with minimal impact environmentally and with zero loss of commodity when handled.

They had to look no further than Revolver Containerised Bulk Handling (CBH) that is being used for a variety of bulk handling projects around the globe, and is celebrating 10 years of success.



Pictured: RAM & Eti Bakir during commissioning & training at the Eti Bakir Samsun copper facility

Turning up the volume with CBH

The benefits of introducing CBH, Eti Bakir is able to utilize their existing hopper/conveyor system with a rotating spreader at their Mazidagi plant, where they handle pyrite. Eti Bakir also uses the same system at their Samsun plant using two RAM Revolver's to handle copper concentrate.

Life in the fast lane

With cycle times in less than 3 minutes, compared with 15-20 minutes from the tabletop system, Revolver CBH allows Eti Bakir to increase its product flow to meet demand.



Eti Bakir Revolver Reach Stacker



Cycle time product flow comparison 12 hour shift

Tabletop 36 Containers

RAM CBH

240 containers

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 240 250
Containers

Bridging the gap

As Revolver CBH is flexible in its application, Eti Bakir are using the RAM Revolver rotating spreader also on an overhead crane, which allows RAM CBH to be used at different locations, without the need for expensive infrastructures or storage sheds being built in anticipation of an increase in demand at certain times of the year.

On the double

After experiencing the benefit of Revolver CBH, Eti Bakir are now considering a spare Revolver for their Mazidagi & Samsun facilities.

“Our revolver customer base has expanded from ship loading to now 50% of orders being inland bulk logistics.”

Cameron Hay, RAM Spreaders