CORRUGATING BOX PLANT UPGRADE PROJECT

CLIENT: VISY BOARD  LOCATION: VARIOUS, AUSTRALIA  COMPLETION: 2013

Visy Board selected Build Run Repair (BRR) to optimise and upgrade the Yatala Corrugating Box Plant to answer to shifts in current market demand.

The Yatala facility started operation in 2006 and has a capacity of 100ktpa. It features the highest levels of automation, robotics and process control systems available to the corrugated packaging industry worldwide.

The original plant featured a B-flute, C-flute and E-flute advanced corrugator. Strong market demand for shelf ready packaging required a new flute capability (R-flute) to replace the B-flute corrugated offering. The major benefits of this project are better printability and die cutting end creasing with greater flat crush, equal edge crush but lower compression strength compared to B-flute. The equipment to be sourced and installed includes R-flute rollers, side frames and trolley lift units.

BRR was also commissioned to examine and implement a solution to increase flexo board converting capacity. Following an initial review and recommendation to the customer the solution was the installation of an Emba 245 machine which helped reduce costs and increase efficiency. The optimisation of both equipment and workforce was achieved in the solution.

BRR's scope included the following:
- Study and recommendation of solution and specification
- Project management
- Detailed design
- Procurement
- Installation & commissioning supervision
- Post commissioning review