

2nd fully automated BAHMÜLLER TURBOX Line with POWERPACKER and MuK Robot Palletizer for Down Under



Back in February 2019 a delegation of Oji Fibre Solutions (OjiFS) travelled from New Zealand to Germany to see the latest generation of the BAHMÜLLER Specialty Folder Gluers and the MuK Robot Palletizer at a reference visit at Zerhusen Kartonagen in Damme, located in the north of Germany.

Zerhusen in Damme is a family owned plant running already 3 TURBOX lines and a 4th line is already ordered. They had started with a TURBOX 2300 and POWERPACKER followed by a JETBOX 1700, also with POWERPACKER, and lately the XL version of the TURBOX was installed, two lines are equipped with MuK Robot Palletizer.

Thanks to the hospitality of the Zerhusen family all questions of the OjiFS team could be answered to their full satisfaction and yes, they were convinced to collaborate with BAHMÜLLER and MuK.

The decision of Oji Fibre Solutions to buy a BAHMÜLLER TURBOX with POWERPACKER in combination with the MuK Robot Palletizer for their Greenfield packaging plant in New Zealand was made quickly after all budgets had been approved.

The delivery of their new machines took place in August 2021. After the challenge of the current governmental rules in New Zealand due to the pandemic situation had been mastered perfectly as well as directly after the production hall of the new Greenfield had been finished, our fitters were able to install the complete machine line successfully.

The automated line comprises a BAHMÜLLER TURBOX with POWERPACKER and a MuK Robot Palletizer, with the aim to achieve the highest level of quality and maximum output in one run.

The versatile TURBOX machine is well equipped and therefore sets the base to produce any kind of boxes.

BAHMÜLLER QS Systems like the unmatched DFS and UNIQUE EJECT complete the latest HHS glue system XTEND³.

The smart and inherent drive concept with energy saving motors reduce the gap between high performance operation and rising energy costs.

To achieve maximum output at lowest head count along the machine the subsequent solution was to install a POWERPACKER and a MuK Robot Palletizer.

The POWERPACKER in its Version IV – comes with an integrated MOSCA SONIXS 2 head inline strapper.

The PERFORMANCE Version grants maximum flexibility and reduces the workload of the operators to a minimum. Sustainable production of corrugated boxes, ready for the future.

Highly efficient, energy saving motors and components support the already launched scheme of carbon foot print reduction in the most modern OjiFS plant in New Zealand. Oji Fibre Solutions has aspirations for a better tomorrow and is committed to contributing positively towards the environment.

The MuK Robot Palletizer is designed as a high-end-version including the MuK high-speed turning device to realize fast chimney pattern.

Allan Marshall, National Project Engineer for OjiFS Packaging, states, *“Thanks to the excellence of the BAHMÜLLER and MuK instructors, the operator team took great advantage of the set up concept to increase the availability of the complete line.”*

In addition a big step was taken to reduce waste rate dramatically with all the QS Systems even with highest output.

Allan Marshall: *“We presented all the critical orders our operators were struggling with in the past to the trainer and he showed us how versatile and productive the TURBOX Line is.”*

The service tool BAR - BAHMÜLLER AUGMENTED REALITY significantly expands the possibilities of remote maintenance and repair. Users can send images and live videos to BAHMUELLER experts via tablet, smartphone or smart glasses and receive real time visual support and targeted information in case of malfunctions or maintenance work. Once a problem occurs, the Bahmüller helpdesk can support the local technician and give immediate help - 24/7.

Allan Marshall concludes: *“It has been an absolute pleasure building a relationship and working closely with the BAHMÜLLER team both remotely and onsite. The after sales service that BAHMÜLLER has given our team has been exceptional.”*