

Michael's Pitta Bread

Product

- Finished Pitta Bread products in single sealed primary packs.
- Pack width approximately 135mm.
- Pack length approximately 220mm.



Objective

- To transfer packs from three across narrow edge leading at the outfeed of the Multivac and feed them onto a metal detector conveyor in single file evenly spaced.

Solution

1. Supply 4 off converging conveyors consisting of three parallel lanes of plastic modular belt each 1,500 mm overall length.
The three lanes will run at different speeds with the middle lane running fastest. This will accelerate the middle pack ahead of the outer packs. The outer lanes will also run at different speeds allowing one pack to get ahead of the other.
Staggered guides will plough the outer packs towards the middle lane producing one single stream of packs.
2. Supply control systems for the above consisting of three inverters and all necessary controls etc mounted in a stainless steel enclosure.
Up/down stream interfacing.
Operator controls will consist of start and stop buttons.
Speed adjustment will be via the inverters and will be an engineering function.

Benefits

The plastic modular belt will resist the sideways force exerted by the packs as they are ploughed sideways providing a robust solution to the current problem of belt damage. The control philosophy will be based simply on the speed differential between the lanes.



A DIVISION OF ELECTRICAL SOLUTIONS SKD LTD

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Interview with Steve West Engineer at Michael's Pitta Bread

Question: What attracted you to Crown Conveyors?

Answer: I had worked with CC in the past and was looking for a fresh approach to our converging needs with the emphasis on durability and value.

Question: How did you find Crown Conveyors compared to other companies?

Answer: CC were very good and willing to listen to what I wanted from the machinery, rather than what they may have made previously.

Question: Taking into consideration your first initial contact with C/C through to receiving your quotation how do you feel C/C interpreted your requirements?

Answer: 100% understanding of what was required.

Question: How was the installation?

Answer: The installation was carried out by myself and was a simple plug and play situation.

Question: What did you think of the quality & build of the conveyor?

Answer: The general build and quality of the equipment looks fantastic but of course, only time can tell.

Question: Did you feel that c/c could have done better in any area?

Answer: CC were excellent all along, beating the lead time quoted on build and with Ian and Tony following with a site visit.

Question: Overall would you recommend C/C?

Answer: I would recommend CC to anyone and also hope we can do future business ourselves



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