final report

Project Code: A.MQT.0047
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Technical Support for scheduled SmartShape & SmartStretch technology demonstrations to targeted early adopter processors

Abstract

Fix-All Services Ltd. Provided technical support for the SmartShape and
SmartStretch project. Size detection sensors were fitted to the machine, and this
functionality was demonstrated successfully.

Project objectives

1. Develop enhanced smaller mouldings, latex, adjustment to airbags and smaller packaging rings (three sizes) to accommodate smaller beef and sheep meat cuts.
2. Further upgrades required to SmartStretch sensors to enable stretching and shaping of smaller beef cuts and lamb cuts.
3. Supply spare parts – white latex (ten), airbags (six), hydraulic oil, sensors (two).
4. Technical support during processor demonstrations as well as upgrade of Australian machine (three trips budgeted)

Success in achieving milestones

Fix-All Services Ltd. Successfully provided technical support to the SmartStretch and
SmartShape demonstrations carried out in Australia. This involved developing
adjustments to airbags, and enhancing packaging operation. The machine
successfully demonstrated in November size detection and improved usability.

Overall progress of the project

The inclusion of size detection in the SmartStretch/SmartShape machine is a key factor in the progress of this project---benefiting in two ways; the automatic detection of packaging material size, and correct size to product matching.

As the correct size packaging material is chosen, this ensures that stretch requirements are attained.