



MECTROL

CASE STUDY



- END MARKET < > PORK PROCESSING
- APPLICATION < > TRIM CONVEYOR
- ORIGINAL PARTS < > PLASTIC MODULAR BELT
- SOLUTION < > GATES MECTROL POSICLEAN® PC20

PROBLEM

- > A national meat processor was experiencing high scrap losses because the meat was getting trapped in the plastic modular belting openings.
- > Additional losses were incurred because the scraper could not be correctly positioned due to the chordal effect created as the plastic modular belt wrapped around the pulley.



BEFORE

GATES MECTROL, INC.
 9 Northwestern Drive
 Salem, NH 03079
 Tel. +1 (603) 890-1515
 Tel. +1 (800) 394-4844
 Fax +1 (603) 890-1616
 Email: contact@gatesmectrol.com
GatesMectrol.com

© Copyright 2015 Gates Mectrol Incorporated.
 All rights reserved

GM Case Study Pork Process Trim 7-2015

SOLUTION

- > The plastic modular belting was replaced with Gates Mectrol's PC20 PosiClean belt, a 2" pitch, smooth surface urethane belt with embedded tension members.
- > The smooth continuous belt surface prevented any loss of meat during conveyance and allowed for the belt scraper to be positioned at the top of the drive pulley.

BENEFITS

- > Trim loss was reduced from 1,200 lbs. per day to less than 200 lbs.
- > Production was increased by \$135k per year.
- > The clean-in-place feature cut water consumption by 181,000 gallons annually.
- > Reduced water usage and waste water disposal saved the plant \$22,000.
- > The belts paid for themselves **in less than three weeks.**



AFTER

