

Accelerating paper packaging technology



INDUSTRY CONTACT

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BACKGROUND

ALX Technical Services (ALX) created a basic prototype for a machine called Paperchipz, which turns recycled paper into loose fill to protect fragile packages for shipping. The machine allows users to produce loose fill on demand, wherever and whenever it's needed as opposed to purchasing it off site, saving time and money. ALX wanted to take the basic prototype a step further and ready it for commercial development.

DURHAM COLLEGE STUDENTS AND FACULTY:

- Studied every part and function of Paperchipz then tweaked the design and built a new machine that was easier to use, more robust and ready for field testing.
- Created operator documentation and the necessary engineering drawings and material lists so others could build identical units.

OUTCOME

With the patent process now underway and following some additional tweaks, it is anticipated the device will be on the market later this year.

ABOUT THE FEDDEV ONTARIO APPLIED RESEARCH AND COMMERCIALIZATION INITIATIVE

The Federal Economic Development Agency for Southern Ontario (FedDev Ontario) was launched in August 2009 to help respond to Ontario's economic challenges. Through its funding initiatives, FedDev Ontario drives economic and community development, innovation and economic diversification while contributing to the success of communities, businesses, educational institutions and not-for-profit organizations. The Applied Research and Commercialization Initiative is a pilot initiative aimed at addressing the gap between research and commercialization in southern Ontario by encouraging collaboration between small- and medium-sized enterprises and post-secondary institutions.

FOR MORE INFORMATION, PLEASE CONTACT

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