



NPB Debagger for Food Ends

The NPB Debagger is a robust solution engineered for the automated unpacking of paper bagged ends. With its flexible modular design, it is easy to adapt to your production and factory layout. You can choose to use it as a freestanding debagger with a buffer infeed table or as a fully automatic debagger in combination with a NPB Depalletizer.



***NPB** designs, develops and manufactures automation equipment for the packaging industry. We have top-rate expertise in mechanics and design as well as thorough knowledge in the development and manufacturing of automation equipment. The organization is customer-oriented and flexible with the aim to deliver intelligent machines that are simple to handle.*



Design and Functionality

Each NPB Debagger is developed in close collaboration with the customer to meet specific production requirements. From concept to installation, every solution is tailored to fit the customer's space, process, and hygiene standards.

The system features a compact footprint and full floor-level access for easy operation and maintenance. With fewer moving parts, it minimizes downtime and spare part needs. To meet the highest demands for hygiene the machine can be fully built in a stainless-steel version. The intuitive HMI ensures user-friendly operation.

Opening of paper bags

The bags with ends are opened using safe and reliable technology. The bag is pulled off through rolls and drawn away with a vacuum fan. The used bags can be collected in a container underneath the rolls, alternatively an air transport system can bring the bags to a remote



Depalletizing, buffer and UV tunnel (optional)

The debagger can be integrated with the NPB Depalletizer for full automation, including pallet handling and sling-wrap removal.

An additional buffer can store ends before feeding them in a continuous flow to the seamer or clincher, allowing short stops at debagging without causing production losses at your filling line.

An integrated UV treatment system for both sides of the ends is available to support enhanced hygiene control where required-

Technical specification

Technical features:

Material	Stainless-steel for durability and easy cleaning
Capacity	Up to 360 CPM, depending on size of End
Design	Clean, hygienic construction suitable for wet environments
Modularity	Flexible, mirrorable design for easy integration into different layouts
Footprint	Compact and tailored to each specification
Versatility	Handles sizes from Ø52–153 mm (202-603 in)



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