

## Technical Specifications

Sealing Length	450 mm
Sealing Element	Nichrome
Vacuum Pressure	27 in Hg (90kPa)
Cycle Time	20 to 30 secs/plastic
Timers	Autonics AT8N Autonics LE3S



# VACUUM PACKAGING



for more information, please write, fax, call, or email:



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*The **Vacuum Packaging Machine** is one of the food processing equipment designed and fabricated to substitute imported equipment. Its use can help improve the performance and productivity of the country's micro, small, and medium enterprises (MSMEs) engaged in food processing.*

#### **What It Can Do:**

- It is best used in vacuum-sealing of food products in retortable pouches.
- It prevents growth of microorganisms and protects food from spoilage by means of providing the food with minimum air environment. Thus, the Vacuum Packaging Machine significantly extends shelf-life of food.

#### **The Vacuum Packaging Machine is best used for:**

- Long-term storage of dry foods such as cereals, nuts, cured meat, cheese, smoked fish, coffee, and potato chips (crisps).
- Short-term preservation and packaging of vegetables, meat, and liquids.

#### **Benefits/Advantages**

The use of the Vacuum Packaging Machine allows food processors to:

- ✓ enhance quality of food
- ✓ retain the flavor and maintain freshness of food
- ✓ reduce product shrinkage because food does not lose moisture

- ✓ use a wide range of plastic bags like tri-laminates, retortable pouches and PPEs
- ✓ finish packaging cycle in a shorter time
- ✓ access services for machine easily

The “**Design and Development of Process Equipment for Food Processing Firm**” is a project implemented by the Metals Industry Research and Development Center (MIRDC) in cooperation with the Project Management Engineering Design Service Office (PMEDSO) and the Industrial Technology Development Institute (ITDI) in support of the High Impact Technology Solutions (HITS) Program of the Department of Science and Technology (DOST).

