Packaging Machines | Packaging Systems | Filling Systems

NICHROME

Integrated Packaging Solutions

INNOVATIVE PACKAGING SOLUTIONS WITH THE PFS8 ALPHA MACHINE

- ADVANCED SERVO TECHNOLOGY
- MULTIPLE FILLER OPTIONS
- VERSATILE POUCH FORMATS



Food

Other Applications:
Indian sweets I Paneer I Khowa I Other fresh, perishable food products requiring extended freshness


Gulab Jamun


Namkeen


Instant Mixes


Palak paneer

Pharma

Others

An ISO 9001:2015 and ISO 22000:2005 Certified Company

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Nichrome PFS8 Alpha:

- PFS8 Alpha is a Pick-Fill-Seal 8 Station Machine with Versatile Rotary Technology. This machine features Next generation technology, providing multiple pouch shape packaging solutions to many industries.
- The PFS8 Alpha Machine is Sturdy and Compact, Operator Friendly, Easy-to-clean and Maintain.
- The High Precision Machine is controlled through a PLC, with the latest synchronised motion Servo System.

Salient Features:

- Servo Driven Precision Indexing
- Servo Driven Precision Cam Operated Mechanism
- Servo Pouch Loading Mechanism
- Servo Operated Mechanical Pouch Opener
- Operator Friendly, Easy-to-clean and Maintain
- Compact & Versatile Design
- User Friendly Siemens PLC Based Machine with Touch Screen Interface
- No Pouch, No Fill, No Seal Interlock
- Pouch Open Error, No Fill Interlock
- Heater Malfunction Error Interlock
- Low Air Pressure Alarm
- Machine Guards with Safety Interlock
- Hygienic Stainless Steel Construction available as an option
- Contact Parts SS316, SS304 options available

Applications:

Palak Paneer | Liquid Yogurt | Gulab jamun | Butter Chicken
Nutraceuticals | Namkeen | Instant Mixes

Power Consumption (KW):	12 (KW)
Supply Voltage:	415 V-AC, 3 Phase, 50Hz or Equivalent
Machine Dimensions (Approx):	1700 x 2100 x 1700 (L x B x H)mm
Machine Weight (Approx):	1200 Kg Basic Bagger
Air Consumption:	18 CFM @ 6 Bar Pressure

Optional Accessories:

- Bowl Conveyor for Ready-to-Eat Applications with Tendency Control
- Embossing attachment for Batch Code Printing
- TTO / Inkjet Printers
- N2 Gas Flush
- Dust Collector
- Material Handling System
- Turn Table

Pouch Specifications:

Pouch Size Range	Pouch Size	Volume (cc) upto	Output (upto packs/min
Minimum Pack Size (WxL) mm	95 x 125	150	60
Maximum Pack Size (WxL) mm	300 x 350	3000	30

Pouch Formats:



3 Side Seal Pouch | 4 Side Seal Pouch | Stand-up Pouch | Stand-up Zipper | Stand-up with Side-Spout

Packing Material for Preformed Pouches:

Heat sealable laminates like PET/PE, Paper/Alu-foil/PE, Alu/PF, PET/Alu-foil/PE or Co-ex films.

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Filler Options can be Synchronised with PFS8 Alpha:

RTE Filler	Ready-to-Eat Food such as Palak Paneer, Dal Makhani, Butter Chicken, Biryani, Gravies, Matar Paneer, Punjabi Chhole, Punjabi Kadhi, Rajma Masala etc.
Servo Auger Filler	Powder like ORS, Pharmaceutical Powder, Spice, Milk Powder, Coffee, Health Drinks, Instant Mixes, Premixes, etc.
Cup Fillers	Free Flowing Powder and Granular Products like Sugar, Rice, Cheese Balls, Pulses & Detergents.
Linear/Gate Weigher	Granular Products like Tea, Pulses, Seeds, Rice & Sugar.
Multi Head Weigher	Snacks, Dry Fruits & Nuts, Confectionery, High Count Biscuits, Namkeen, Soya Chunks, Pasta, Short-cut Vermicelli, Frozen Foods & Dry Fish.
Piston Filler	Viscous Products like Pastes, Pickles, Ketchup, Sauces, Soups, Curries, Fruit Pulps, Ghee, Vanaspati, Edible Oil, Shampoos, Gels, Cosmetics, Hair Dyes & Adhesives.
Gravity Filler/Flow Meters	Free Flowing Liquids like Milk, Lassi, Buttermilk, Flavoured Water, Health Drinks, Non-Carbonated Beverages, Liquors & Wines, Oil & Juices.

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