

**LET'S THINK
OUTSIDE
THE BOX**

**NAVBHARATI
MACHINERY**

Since 1992

Bringing Joy Of
Smart Packaging

who are we?

Founded in 1992, Navbharati Machinery has been a trusted name in the food packaging industry, delivering high-quality, innovative, and reliable packaging solutions. With over three decades of experience, we have built a reputation for excellence in designing and manufacturing state-of-the-art packaging machines tailored to meet the evolving needs of food businesses worldwide.

Our commitment to precision engineering, durability, and efficiency has made us a preferred choice for companies seeking automation in their packaging processes. From small-scale enterprises to large industrial setups, we provide cutting-edge solutions that enhance productivity, ensure product safety, and maintain packaging integrity.

33 YEARS
OF
FAITH



CONTENT

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FFS MECHANICAL MACHINE

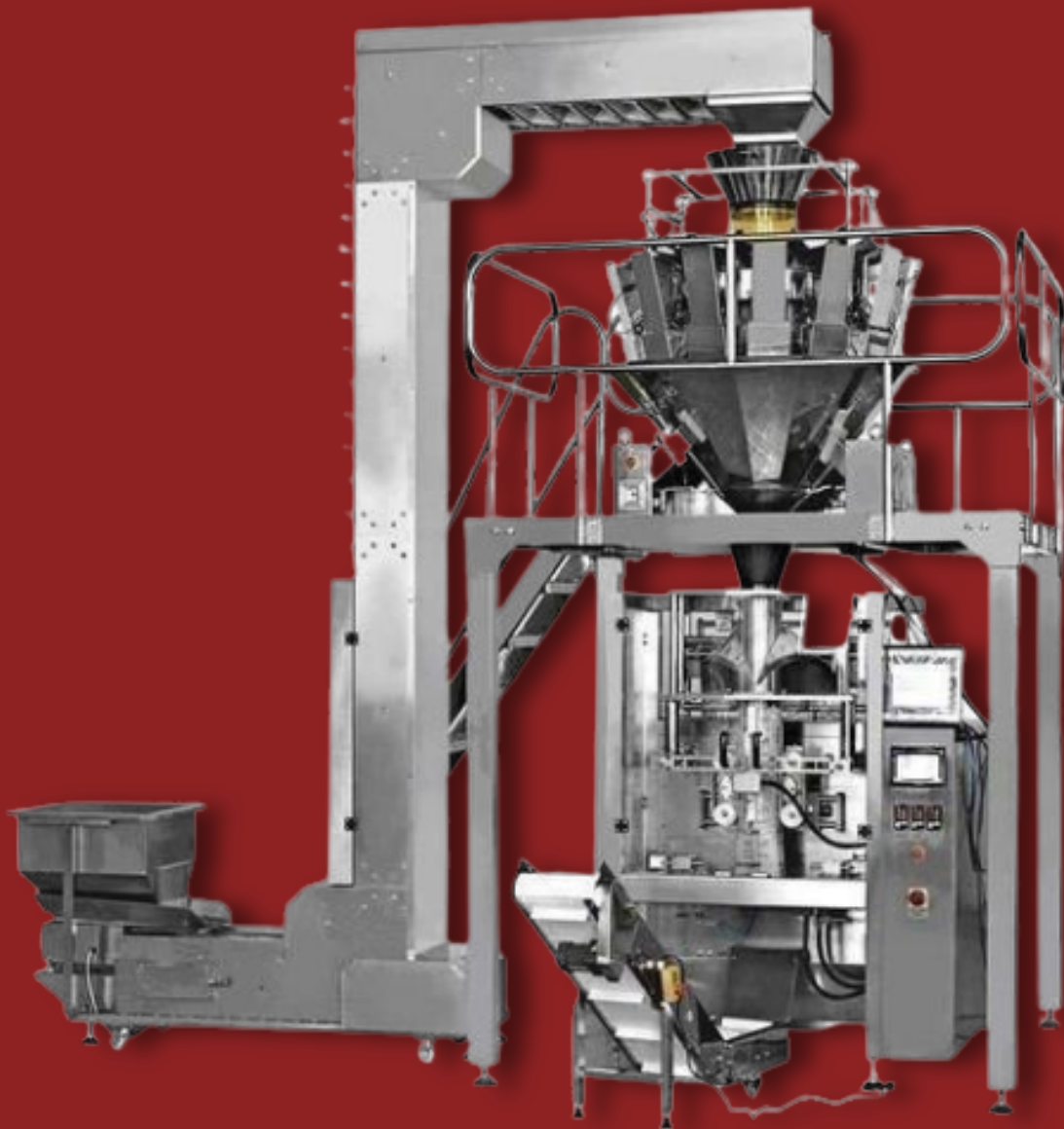
FFS MECHANICAL MACHINE FOR LIQUID AND PASTE FILLER

SEMI-AUTOMATIC POWDER FILLING MACHINE

SEMI-AUTOMATIC GRANULE FILLING MACHINE

CONTINUOUS POUCH FILLING MACHINE

COLLAR TYPE MULTIHEAD WEIGHER



- **Features:**

- Controlled by the most advanced plc and motion controller with touch screen operating panel.
- Inbuilt self diagnostics features.
- Powered reel unwinder with air shaft for easy loading of the film roll.
- Integrated servo driven unwinder mechanism for servo driven machine.
- The newly designed bag forming parts for easy and fast changeover.
- Speed of the machine and the bag length can be adjusted even while the machine is in operation.
- No product no bag feature ensures no waste of bags.
- Alert indication for end of film roll.
- Password protection for settings.
- Production data in various formats.

Model No	14 head	10 head
Products	Granules, Potato Chips, Dry Fruit, Namkeen Fryums, Kurkure etc.	Granules,Potato Chips, Dry Fruit, Namkeen Fryums, Kurkure etc.
Filling Accuracy	+1-1.5% (depend on nature of product)	+1-1.5% (depend on nature of product)
Type Of Seal	Center seal and back seal	Center seal and back seal
Filling Range	25gm upto 1000gm	25gm upto 1000gm
Packing Material	Heat sealable laminated films	Heat sealable laminated films
Pouch Dimensions	Width 60-200mm Length 50-300mm	Width 60-200mm Length 50-300mm
Power Consumption	5.5 kw, 3 phase	5.0KW,Single Phase
Compressed Air Required	5CFM@6 bar (2 h.p. compressor)	13CFM@6 bar(5 h.p. compressor)
Touch Screen	10.4" colour display with touch screen	10.4" colour display with touchscreen
Production Output	60-100 pouches per minute(depend on nature & quantity of product)	60-70pouches per minute(depend on nature & quantity of product)
Weight	950 kg (apprx.)	900 kg(approx.)
Material of Chasis	304 Stainless Steel	304 Stainless Steel
Thickness of Bucket	1.2mm plain S.S 304	1.2mm plain S.S 304
Machine Dimensions	L-1830mm,W-1270mm, H-2600mm (approx.)	L-2432mm,W-3952mm,H-4560mm(approx.)



COLLAR TYPE 4-HEAD WEIGHER MACHINE

Features:

- User-friendly touch screen interface.
- Linear weighing filling system.
- AC drive-controlled bag pulling.
- PLC-operated temp. control.
- Low compressed air consumption.
- Online batch coding unit.

Specification:

Automatic Form, Fill & Seal machine with online Linear Weighing & Nitrogen Flushing for packing snacks & granules like sugar, salt, tea, dry fruits, and peanuts in laminated pouches.

	4 head	2 head		4 head	2 head
Filling Accuracy	+1-1.5% (depend on nature of product)	+1-1.5% (depend on nature of product)	Touch Screen	7" colour display with touch screen	7" colour display with touch screen
Type Of Seal	Center and backseal	Center seal and back seal	ProductionOutput	10-30 pouches per minute(depend on nature & quantity of product)	7-15 pouches per minute(depend on nature & quantity of product)
Filling Range	25gm upto 1000gm	25gm upto 1000gm	Material of Chasis	304 Stainless Steel	304 Stainless Steel
Packing Material	Heat sealable laminate films	Heat sealable laminated films	Thickness of Bucket	1.2mm plain S.S 304	1.2mm plain S.S 304
Pouch Dimensions	Width60-200mm Length 50-300mm	Width60-200mm Length 50-300mm	Machine Dimensions	L-1100mm, W-2000mm,H-2400mm (approx.)	L-1100mm,W-2000mm,H-2400mm (approx.)



PNEUMATIC COLLAR TYPE CUP FILLER

Features:

- User-friendly touch screen interface.
- Linear weighing filling system.
- AC drive-controlled bag pulling.
- PLC-operated temp. control.
- Low compressed air consumption.
- Online batch coding unit.

Specification:

Automatic Form, Fill & Seal machine with Telescopic volumetric cup filling system & Nitrogen Flushing system to pack various & Granular Product Like Sugar, Salt, Dry fruits, Peanuts, etc.In laminated pouches.

Model No		Model No	
Filling Accuracy	+1-1.5% (depend on nature of product)	Pouch dimensions	Width 60-200mm length 50-300mm
Type Of Seal	Center seal and back seal	Touch Screen	7" colour display with touch screen
Filling Range	25gm upto 250gm	Production output	10-45 pouches per minute
Packing Material	Heat sealable laminated films	Material of chasis	304 Stainless steel
PouchDimensions	Width 60-200mm Length 50-300mm	Machine Dimension	L-1100mm, W-2000mm,H-2400mm appr



COLLAR TYPE AUGER FILLER

FEATURES:-

- Ease to operate and user friendly program with touch screen.
- Servo base Auger filling system.
- Bag pulling is operated by AC variable frequency drive.
- PLC operated temp. controller.
- Low consumption of compressed air.
- Online batch coding unit.
- Provides servo motor for auger filling system.
- Synchronize motor for roll unwinding.

Specification:-

Automatic Pouch Packing Machine with Auger System Suitable to Pack all types of Powder like Spices, Detergent, Atta, Besan, etc. In Laminated Pouch.

Model No		Model No	
Filling Accuracy	+1-1.5% (depend on nature of product)	Compressed Air Required	3 h.p. compressor
Type Of Seal	Center seal and back seal	Touch Screen	7" colour display with touch screen
Filling Range	25gm upto 1000gm	Production Output	10-45 pouches per minute (depend on nature & quantity of product)
Packing Material	Heat sealable laminated film	Weight	350 kg (apprx.)
Pouch Dimensions	Width 60-200mm Length 50-300mm	Material of Chasis	304 Stainless Steel
		Machine Dimension	L-1100mm, W-2000mm, H-2400mm (approx.)



FORMER TYPE VOLUMETRIC CUP SYSTEM

Features:

- It is very easy to operate and user friendly program with touch screen.
- Volumetric cup filling system.
- Bag pulling is operated by AC variable frequency drive.
- PLC operated temp. controller.
- Low consumption of compressed air.
- Online batch coding unit

Specification:

Automatic Form, Fill & Seal machine with Unique Telescopic volumetric cup filling system & online Nitrogen Flushing system to pack various Powder & Granular Product Like Sugar, Salt, Tea, Dry fruits, Peanuts, etc. In laminated pouches.

Model No		Model No	
Filling Accuracy	+1-1.5% (depend on nature of product)	Touch Screen	7" colour display with touch screen
Type Of Seal	Center seal and back seal, 3 side seal and four side seal	Production Output	10-35 pouches per minute (depend on nature & quantity of product)
Filling Range	25gm upto 250gm	Weight	350 kg (apprx.)
Packing Material	Heatsealable laminated films	Material of Chasis	304 Stainless Steel
Pouch Dimensions	Width 60-200mm Length 50-300mm	Machine Dimensions	L-1000mm, W-1800mm, H-2200mm (approx.)
Compressed Air Required	3 h.p. compressor		



FORMER TYPE AYGER FILLER

FEATURES:

- It is very easy to operate and user friendly program with touch screen.
- Servo base Auger filling system.
- Bag pulling is operated by AC variable frequency drive.
- PLC operated temp. controller.
- Low consumption of compressed air.
- Online batch coding unit.
- Provides servo motor for auger filling system.
- Synchronize motor for roll unwinding.

Specification:

Automatic Form, Fill and Seal machine with servo Base auger filling system flushing to pack various Powder products like Spices, Instant Mix, Tea, Besan, Atta Powder etc... In laminated pouches

Model No		Model No	
Filling Accuracy	+1-1.5% (depend on nature of product)	Touch Screen	7" colour display with touch screen
Type Of Seal	Center seal and back seal, 3 side seal and 4 side seal	Production Output	10-30 pouches per minute (depend on nature & quantity of product)
Filling Range	25gm upto 250gm	Weight	350 kg (apprx.)
Packing Material	Heat sealable laminated films	Material of Chasis	304 Stainless Steel
Pouch Dimensions	Width 60-200mm Length 50-300mm	Machine Dimensions	L-1100mm, W-1500mm, H-2400mm (approx.)
Compressed Air Required	3 h.p. compressor		



FFS MECHANICAL MACHINE

FEATURES:-

- Compact design with castor wheel for easy mobility.
- Very easy to operate.
- Unique online telescopic system for easy weight adjustment.
- Online batch coding system.
- Nitrogen flushing system.

Specification:-

Automatic Form, Fill & Seal Pouch Packing Machine Suitable to pack free flow Powders & Granules like Sugar, Salt, Tea, Spices, Milk Powder, Detergent Powder, , Tobacco, O.R.S. Powder, etc. in laminated pouches.

MODEL NO.					
cup	4	6	8	12	18
Filling Accuracy	+1-1.5% (depend on nature of product)	+1-1.5% (depend on nature of product)	+1-1.5% (depend on nature of product)	+1-1.5% (depend on nature of product)	+1-1.5% (depend on nature of product)
Types of seals	Center seal and back seal, 3 side seal and 4 side seal	Center seal and back seal, 3 side seal and 4 side seal	Center seal and back seal, 3 side seal and 4 side seal	3 side seal and 4 side seal	3 side seal and 4 side seal

MODEL NO.					
Filling Range	1gm upto 250gm	1gm upto 250gm	1gm upto 25gm	1gm upto 25gm	1gm upto 25gm
Packing Material	Heatsealable laminated films	Heat sealable laminated films	Heat sealable laminated films	Heat sealable laminated films	Heat sealable laminated films
PouchDimensions	Width 40-200mm Length 50-200mm	Width 40-200mm Length 50-200mm	Width 40-200mm Length 50-100mm	Width 40-200mm Length 50-100mm	Width 40-200mm Length 50-100mm
Production Output	10-50pouches per minute (depend on nature & quantity of product)	10-70pouches per minute (depend on nature & quantity of product)	40-90pouches per minute (depend on nature & quantity of product)	60-120pouches per minute (depend on nature & quantity of product)	80-160pouches per minute (depend on nature & quantity of product)
Weight	200 kg (apprx.)	200 kg (apprx.)	200 kg (apprx.)	200 kg (apprx.)	200 kg (apprx.)
Material of Chasis	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel
Machine Dimensions	L-800mm, W-700mm, H-1800mm (approx.)	L-800mm, W-700mm, H-1800mm, (approx.)	L-800mm, W-700mm, H-1800mm (approx.)	L-800mm, W-700mm, H-1800mm (approx.)	L-800mm, W-700mm, H-1800mm (approx.)

FFS MECHANICAL MACHINE FOR LIQUID AND PASTE FILLER

FEATURES:-

- Very easy to operate.
- Volumetric piston filling system.
- Online batch coding unit.

Specification:-

Automatic Form, Fill & Seal Pouch Packing Machine Suitable to pack various liquids like Shampoo, Oil, Juice, Tomato Sauce, Pharmaceutical Syrup, etc... in Polyethylene Pouches.



MODEL NO.	
Filling Accuracy	+1-1.5% (depend on nature of product)
Types of seals	Center seal and back seal, 3 side seal and 4 side seal
Filling Range	1ml upto 100ml
Packing Material	Heat sealable laminated films
Pouch Dimensions	Width 40-200mm Length 50-200mm

MODEL NO.	
Production Output	10-40pouches per minute (depend on nature & quantity of product)
Weight	200 kg (apprx.)
Material of Chasis	304 Stainless Steel
Machine Dimensions	L-800mm, W-700mm, H-1800mm (approx.)

SEMI-AUTOMATIC POWDER FILLING MACHINE



Features:

- Very easy to operate user friendly program
- Continuous Stirring during operation
- Filling System: Weight metric system

·Also available for higher weight range as per Customer's specific requirement.

·1.0 HP/2.0 HP, With AC Drive

Specification:

Semi-Automatic Powder Filling Machine is Aesthetically designed sturdy machine to fill powder or granules like Spices, Flour Powder, Salt, Tea, Pharmaceutical & Chemical Powder with electronic Weight-metric to get the perfect weight accuracy.

·Filling Range: 10g to 1000g/1kg to 10 kg

·Production Output: 100 to 600 pack per hour (Depend on Fill Volume)

·Machine Dimension: (600 x 900 x 1800) mm(Approx.)(L x W x H)

SEMI-AUTOMATIC GRANULE FILLING MACHINE

Specification:

Semi-Automatic Granule Filling Machine is very simple Machine with Accurate double head weighing system & Vibratory feeding system suitable to pack all type of Products like Snack Products, various Granules like Sugar, Salt, Tea, Dry fruits, Food Grains, Peanuts, Hardware products, etc. in pouches or container.

·Filling Range: 10g to 1000g // 1kg to 5 kg

·Production Output: 100 to 1000 pack per hour (Depend on Fill Volume)

·Machine Dimension: (1100 x 1100 x 1900)mm (Approx.) (L x W x H)

FEATURES:

- Very easy to operate user friendly program
- Compact design with castor wheel for easy mobility
- Filling System: Double head weight metric system

Also available for higher weight range as per Customer's specific requirement



CONTINUOUS POUCH FILLING MACHINE

Features:

- Very easy to operate user friendly program
- Continuous Stirring during operation
- Filling System: Weight metric system

·Also available for higher weight range as per Customer's specific requirement.

Specification:

Semi-Automatic Powder Filling Machine is Aesthetically designed sturdy machine to fill powder or granules like Spices, Flour Powder, Salt, Tea, Pharmaceutical & Chemical Powder with electronic Weight-metric to get the perfect weight accuracy.

SPECIFICATION:-

- Filling Range: 10g to 1000g/1kg to 10 kg
- Production Output: 100 to 600 pack per hour (Depend on Fill Volume)
- Motor: 1.0 HP/2.0 HP, With AC Drive
- Machine Dimension: (600 x 900 x 1800) mm(Approx.)(L x W x H)





Since 1992

NAVBHARTI MACHINERY

45, shivam, Industrial Estate, Odhav
Rd, beside Karma Gas Agency, nr.
Niramal Park, Odhav, Ahmedabad,
Gujarat 382415

TALK TO US

98797 88525

94091 47206

98790 88525

info@navbhartimachines.com

navbhartimachines.com