



SENSOGRAPH PACKAGING TECHNOLOGY PVT. LTD.

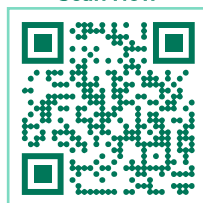
Packaging Simplified...



Member of



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Complete Solutions for
Flexi Packaging

- Global Standard •
- Indian Engineering •

An ISO 9001:2008 Company

www.sensograph.in

ABOUT US

Our History



Sensograph opened its doors in 1989 as a weighing controller manufacturing company. As a result of our innovation and in-house design strength, we carried out forward integration successfully within a decade. Today, Sensograph offers an entire range of Form, Fill and Seal (FFS) machines - from weigh filler, cup filler to Auger filler.

Embracing our Make in India spirit, we became the first and only Indian manufacturer of "Multi Head weigher". Our Multi Head weighers are equipped with DISC (Distributed Intelligence System Control), making each head a Smart Head. We have come a long way since our inception, and are drawing high turnover with our efficient production.

Sensograph's engineered solutions operate on the manufacturing suites of some of the world's best known brands, as well as in the shops of many smaller businesses. Our state-of-the-art manufacturing facility ensures excellent build quality. Our exports to more than 18 countries, including Europe and UK, along with repeat customer orders is proof of our quality and unwavering after-sales service.

Our Approach



FFS machines use flexible, heat-sealable plastic film to form packages that can be filled with the desired product, and then sealed and cut. Selection of the appropriate FFS machine requires an analysis of specifications, flow characteristics of the product to be filled and applications of the machine. Our expert engineering team designs ergonomic solutions to enhance efficiency in material handling and packaging, customised to your needs. The entire electronic hardware and software is conceived, designed and manufactured in-house by our R&D team.

Our Vision



We strive to be the market leader by ensuring commercially viable, durable, flexible and cost-effective products, to ensure that our customers get the best experience with prompt services.

Our Mission



We aim to acquire and retain customers while contributing to their success with our products and reliable customer service team.





COMPREHENSIVE ADVICE

- Analysis of your machine needs and development of solutions concepts.
- Intensive advice on-site as well as via telephone and mail
- Reference visits to regular customers to demonstrate our systems in operation.

TAILOR-MADE SOLUTIONS

- Development of machine solutions together with you
- Adaptation of standard machines to your specific demands
- Design reviews during project process in order to access design progress together with you



PROJECT MANAGEMENT

- One contact person throughout the whole project process
- Exact delivery planning and supervision of project process
- Support of machine factory acceptance test (FAT) and site acceptance test (SAT)

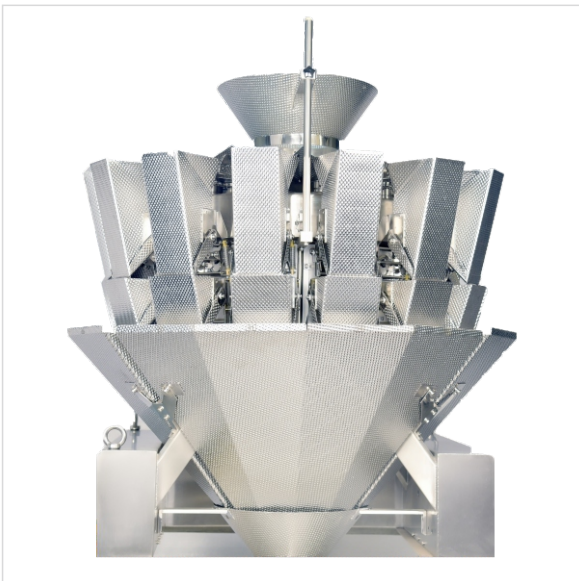
BEST SERVICE

- Highly skilled service technicians
- Support during installation and commissioning as well as training of your personnel
- Rapid delivery of spare parts
- Overhauling and upgrading your existing equipment





10/14 HEAD WEIGHER STANDARD



10/14 HEAD WEIGHER DIMPLE PLATED



COMPACT 10/14 HEAD WEIGHER



FILLER RANGE

2 g to 1 kg



MAX SPEED

UPTO 100 DPM



MACHINE SIZE

W : 950 MM
L : 900 MM
H : 1340 MM

10 HEAD WEIGHER STANDARD

FEATURES

- ◆ Made in India "Multi Head weigher" incorporates the entire electrical, electronic, micro controlled based system conceived designed, developed & manufactured in our state of the art manicuring facility.
- ◆ Software developed by our R & D team is incorporated in this machine.
- ◆ High Quality Load cell.
- ◆ Wide Application in Quantitative weighing.
- ◆ Perfect integration with packaging machines.
- ◆ Advanced modular centralization design.
- ◆ Full 304 stainless steel.
- ◆ Easy cleaning & maintenance.
- ◆ Leak Proof hoppers

10 HEAD WEIGHER DIMPLE PLATED

FEATURES

- ◆ Full dimple plate contact for sticky materials.
- ◆ Full smooth dimple plate contact.

10 HEAD COMPACT WEIGHER

FEATURES

- ◆ Compact with High Accuracy.
- ◆ HMB High - precision Load cell.
- ◆ Self-check the Hopper's Motor Position.
- ◆ Low vibration Design for Better Performance.
- ◆ No material checked by load cell on the Top cone.

SPECIFICATION

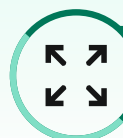
MODEL	STANDARD		DIMPLE PLATED		COMPACT	
	10 Head	14 Head	10 Head	14 Head	10 Head	14 Head
Weighing Range	10 g to 1 kg	10 g to 1 kg	10 g to 1 kg	10 g to 1 kg	2 g to 100 g	2 g to 100 g
Accuracy	0.5 to 1.5 g	0.5 to 1.5 g	0.5 to 1.5 g	0.5 to 1.5 g	0.1 to 0.5 g	0.1 to 0.5 g
Max Speed	60 DPM	100 DPM	60 DPM	100 DPM	60 DPM	80 DPM
Driving System	Stepper Motor	Stepper Motor	Stepper Motor	Stepper Motor	Stepper Motor	Stepper Motor
Power Supply	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC
Pan Volume	1.6 L	1.6 L	1.6 L	1.6 L	0.3 L	0.3 L
Cross Weight	350 Kg	480 Kg	350 Kg	480 Kg	200 kg	250 kg

PACKING FOR

Rice, Pulses, Tea Powder, Coffee Beans, Candies / Toffees, Tablets, Camphor, Seeds, Potato / Banana Wafers, Snack Foods, Frozen Foods, Dry Fruits, Pasta Pieces, Hardware Items, Spices, Sugar, Bhadang & Poha etc.

**EASY PAC 2 HEAD WEIGHER****EASY PAC 4 HEAD WEIGHER****EASY PAC 2/4 HEAD WEIGHER****FILLER RANGE**

50 g to 1 kg

**MAX SPEED**UPTO
30 DPM**BAG TYPE**OPEN MOUTH
BAG/POUCHES**MACHINE SIZE**W : 1798 MM
L : 1158 MM
H : 1950 MM

EASY PAC 2 HEAD WEIGHER

FEATURES

- ◆ Works on single phase power.
- ◆ In-House manufacturing of all electronic control instruments.
- ◆ Weigh different product in one discharge.
- ◆ Micro controller based use friendly HMI.
- ◆ Virtually maintenance free 24 x 7 operation.
- ◆ High precision digital Load cell.
- ◆ Customised mixing of 2 or 4 Products.

SPECIFICATION

MODEL	EASY PAC 2 HEAD	EASY PAC 4 HEAD
Weighing Range	50 g to 1 kg	50 g to 1 kg
Hopper Capacity	100 Liters	200 Liters
Speed	12 DPM	30 DPM
Type of Bags	Open mouth performed bags / pouch of LD, PP etc.	
Air Requirement	1 HP, 8 Bar Pressure, 2 CFM	
Power Requirement	1 KW, Single Phase, 230 VAC	
Material Construction	All Contact Parts SS304	
Cross Weight	250 kg	300 kg
Net Weight	150 kg	400 kg



PACKING FOR

Rice, Pulses, Tea Powder, Coffee Beans, Candies / Toffees, Tablets, Camphor, Seeds, Potato / Banana Wafers, Snack Foods, Frozen Foods, Dry Fruits, Pasta Pieces, Hardware Items, Spices, Sugar, Bhadang & Poha etc.

**FILLER RANGE**

10 g to 5 kg

**MAX SPEED**UPTO
40 DPM**BAG TYPE**OPEN MOUTH
BAG/POUCHES**MACHINE SIZE**W : 914 MM
L : 1005 MM
H : 2133 MM

AUGER FILLER

FEATURES

- ◆ Suitable for non-free flow powder items.
- ◆ Feeding mechanism through Servo Drive, which enables high speed along with excellent accuracy.
- ◆ Separate motor for stirrer.
- ◆ Micro controller based user friendly HMI.
- ◆ Timer, Auto dumping, foot switch facility provided.
- ◆ Virtually maintenance free 24 x 7 operation.
- ◆ In-house manufacturing of all electronic control instruments.

SPECIFICATION

Hopper Capacity	25 Liters
Weighing Range	10 g to 5 kg
Speed	40 DPM
Type of Bags	Open mount performed bags / pouch of LD, PP etc.
Power requirement	415 VAC
Material Construction	All Contact Parts SS 304
Gross Weight	350 kg
Net Weight	200 kg



PACKING FOR

Non-free flowing Products, Turmeric, Chilly, Wheat Flour, Atta, Besan, Pharama Powders & Spice Powder etc.

**FILLER RANGE**

50 g to 1 kg

**MAX SPEED**UPTO
25 DPM**ROLL SIZE**W : 200-480 MM
L : 300 MM**MACHINE SIZE**W : 1219 MM
L : 1828 MM
H : 1676 MM

SMART PAC BAGGER

FEATURES

- ◆ 7" Touch HMI Display.
- ◆ Motorised Pulling System.
- ◆ Easy change of roll system.
- ◆ Machine works on Single Phase.
- ◆ In-house manufacturing of all electronic Control instruments.
- ◆ Provision of Air Shaft for perfection in sealing and cutting of pouches.
- ◆ Eye Mark Controller provided.
- ◆ Nitrogen Flushing System provided.
- ◆ No Film Machine Stop Mechanism.

OPTIONS

- ◆ Gusseting System
- ◆ D Cut
- ◆ Printer (TIJ/TTO)
- ◆ Metal Detector
- ◆ Check Weigher

SPECIFICATION

MODEL	SMART PAC BAGGER
Speed	25*
Pack Size (Gramage)	50 g to 1 kg
Roll Width (mm)	200 to 530
Pouch Length (mm)	300
Vertical Seal Width (mm)	10/15
Horizontal Seal width (mm)	10/15
Film Draw Mechanism (Puller)	Motorised
Horizontal Sealing Mechanism	Pneumatic
Vertical Sealing Mechanism	Pneumatic
Air Supply	2 HP, 8 Bar, 2 CFM

FILLING OPTIONS



for Free-Flowing Items



for Powder Items



for Detergent Powder & Bhagar



FILLER RANGE
50 g to 1 kg



MAX SPEED
UPTO
65 DPM



ROLL SIZE
W : 200-480 MM
L : 300 MM



MACHINE SIZE
W : 1219 MM
L : 1828 MM
H : 1676 MM

SMARTEX BAGGER

FEATURES

- ◆ 7" Touch HMI Display.
- ◆ Motorised Pulling System.
- ◆ Easy change of roll system.
- ◆ Machine works on Single Phase.
- ◆ In-house manufacturing of all electronic Control instruments.
- ◆ Provision of Air Shaft for perfection in sealing and cutting of pouches.

OPTIONS

- ◆ Gusseting System
- ◆ D Cut
- ◆ Printer (TIJ/TTO)
- ◆ Metal Detector
- ◆ Check Weigher

SPECIFICATION

MODEL	SMARTEX BAGGER
Speed	65*
Pack Size (Gramage)	50 g to 1 kg
Roll Width (mm)	200 to 530
Pouch Length (mm)	300
Vertical Seal Width (mm)	10/15
Horizontal Seal width (mm)	10/15
Film Draw Mechanism (Puller)	Motorised
Horizontal Sealing Mechanism	Servo
Vertical Sealing Mechanism	Pneumatic
Air Supply	2 HP, 8 Bar, 2 CFM

FILLING OPTIONS



◀ Rice, Pulses, Tea Powder, Coffee Beans, Candies/Toffees, Tablets, Camphor, Seeds, Potato/Banana Wafers, Snack Foods, Frozen Foods, Dry Fruits, Pasta Pieces, Hardware Items, Spices, Sugar, Bhadang & Poha Etc.

Non-free flowing Products, ▶ Turmeric, Chilly, Wheat Flour, Atta, Besan, Pharma Powders & Spices Powder



**FILLER RANGE**

2 g to 1 kg

**MAX SPEED**UPTO
45 DPM**ROLL SIZE**W : 180-370 MM
L : 300 MM**MACHINE SIZE**W : 914 MM
L : 1371 MM
H : 1371 MM

SMART AUTO BAGGER

FEATURES

- ◆ 7" Touch HMI Display.
- ◆ Motorised Pulling System.
- ◆ Easy change of roll system.
- ◆ Machine works on Single Phase.
- ◆ In-house manufacturing of all electronic Control instruments.
- ◆ Provision of Air Shaft for perfection in sealing and cutting of pouches.

OPTIONS

- ◆ Printer (TIJ/TTO)

SPECIFICATION

MODEL	SMART AUTO BAGGER
Speed	45*
Pack Size (Gramage)	2 g to 100 g - 50 g to 1 kg
Roll Width (mm)	180 to 370
Pouch Length (mm)	300
Vertical Seal Width (mm)	10/15
Horizontal Seal width (mm)	10/15
Film Draw Mechanism (Puller)	Motorised
Horizontal Sealing Mechanism	Pneumatic
Vertical Sealing Mechanism	Pneumatic
Air Supply	2 HP, 8 Bar, 2 CFM

FILLING OPTIONS

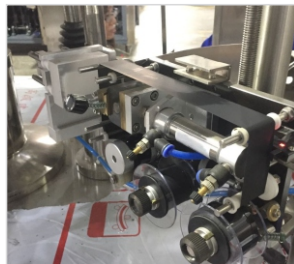


PACKING FOR

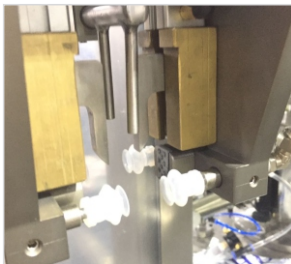
Rice, Pulses, Tea Powder, Coffee Beans, Candies/Toffees, Tablets, Camphor, Seeds, Potato/ Banana Wafers, Snack Foods, Frozen Foods, Dry Fruits, Pasta Pieces, Hardware Items, Spices, Sugar, Bhadang & Poha etc.



Pouch Input Station



Date Printer Station



Zipper Open Station



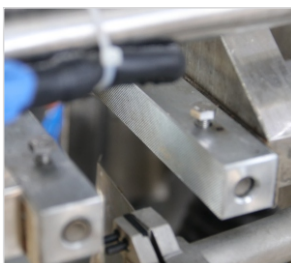
Bag Open Station



Granuler Filling Station



Liquid Filling Station



Sealing Station 1



Sealing Station 2



FILLER RANGE

50 g to 1 kg



MAX SPEED

UPTO
40 DPM



POUCH SIZE

W : 80-120 MM
L : 100-320 MM



MACHINE SIZE

W : 1760 MM
L : 2500 MM
H : 1320 MM

PICK FILL SEAL MACHINE |

SPECIFICATION

MODEL	PICK FILL SEAL MACHINE
Pack Size (Gramage)	50 g to 1 kg
Pouch Size	W : 80-210 mm, L : 100-320 mm
Pouch Type	Zip Lock Standy Pouch
Power	4 KW
Weight	1500 kgs
Air Consumption	10 kg pressure bar

STANDARD EQUIPMENT PART :

- ◆ PLC Control System
- ◆ Magnetic Valve
- ◆ Input Pouch Conveyor
- ◆ Temperature Controller
- ◆ Vaccum Pump
- ◆ Output Conveyor Belt
- ◆ Frequency Convertor
- ◆ Main Motor
- ◆ Date Printer Provision
- ◆ Zipper Opening & Closing
- ◆ Patting Device



FILLING OPTIONS



Rice, Pulses, Tea Powder, Coffee Beans, Candies / Toffees, Tablets, Camphor, Seeds Potato / Banana Wafers, Snack Foods, Frozen Foods, Dry Fruits, Pasta Pieces, Hardware Items, Spieces, Sugar, Bhadang & Poha etc.



Bhagar, Detergent Powder, Tea Powder, Salt etc.



Non free Flowing Products, Turmeric, Chilly, Wheat Flour, Atta, Besan Pharma Powders & Spices Powder etc.



Z CONVEYOR



SCREW CONVEYOR



**STAINLESS STEEL WORKING
PLATFORM**



TAKE OFF CONVEYOR



BELT CONVEYOR



Boxes/containers are fed through manually or turn table to the conveyor. Conveyor precisely stop at filling point to fill the box/container. Multiple filling points are possible through single feed conveyor.











Challenge Us

- We Are Looking Forward to Meeting your Demands •
- Regardless of what your concern may be - our Skilled Employees look forward to supporting you at all times •



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