IMS GROUP USA

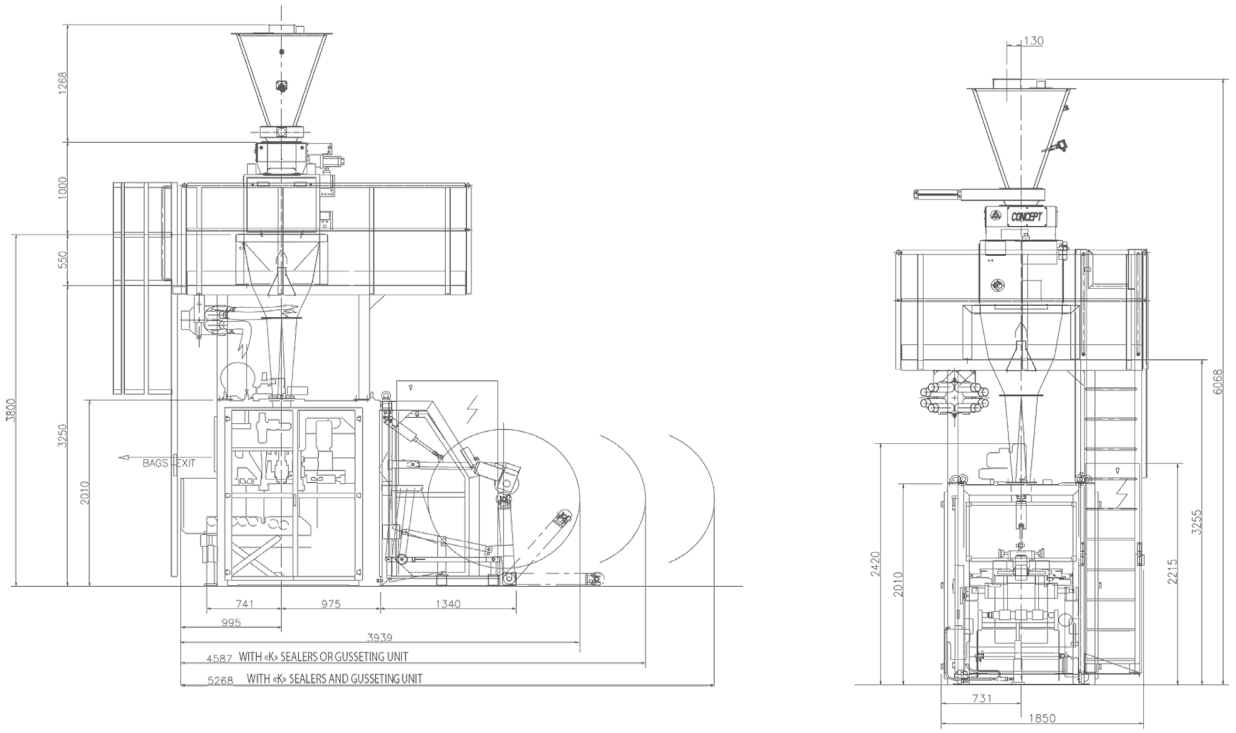
INNOVATIVE MACHINERY SOLUTIONS

COMPACTA SERIES

FFS BAGGING MACHINES

PACKAGING SPEED: UP TO 2,600 PER HOUR

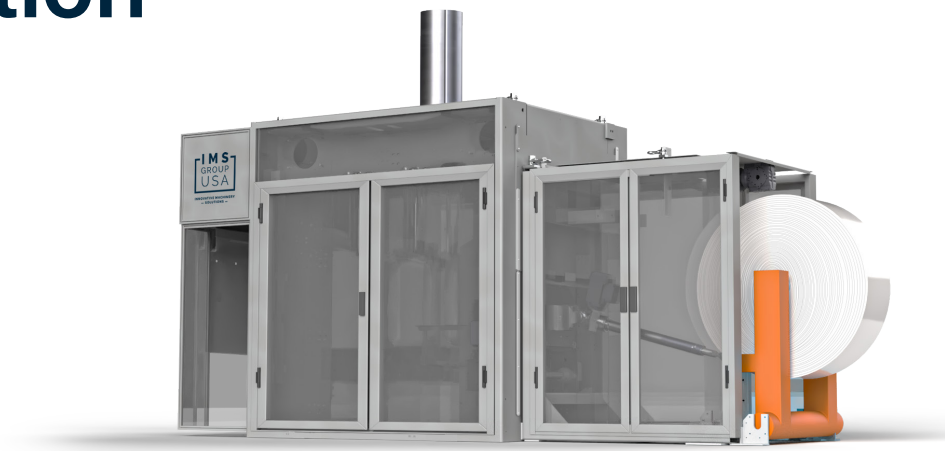
Compacta Easy Layout



Bringing Reliability to Your Operation

Machines may be constructed of painted steel for cost savings, or stainless steel to ensure longevity, even in the harshest of environments.

A robust design creates a low maintenance, cost-effective system without sacrificing quality or dependability.



Entry level model:
COMPACTA EASY

Production speed up to 1,200 bags per hour

Mid-level model:
COMPACTA

Production speed up to 2,000 bags per hour

Advanced model:
COMPACTA HS

Production speed up to 2,600 bags per hour

Now offering the OPTIMA — a state-of-the-art, fully servo-driven model

Machine Cycle

01.

Form

Bag length may be preset and stored in the HMI, controlled by an encoder or by a photocell that reads an i-mark on the film

02.

Fill

A unique system tightly joins the feeding mouth with the inside of the bag to minimize dust

03.

Seal

Ropex Impulse Seal is controlled to minimize temperature spikes and increases longevity of ware parts

04.

Transfer

Continuous fluid motion ensures low strain and reduced vibrations, resulting in consistent bag filling

Features + Benefits

Versatility for packaging a wide range of products across all industries

Products

- Fertilizers
- Gravel
- Salt
- Feed
- Seeds
- Resin
- Granules
- Wood pellets
- Powders

Industries

- Agriculture
- Construction
- Cosmetics
- Food
- Industrial
- Lawn + garden
- Petrochemical
- Pet food
- Pharmaceutical

In-line gusseting for longer film yield

Unique device produces gusseted bags from non-gusseted film

- Reduced film shipment and roll storage costs
- More bags per roll for fewer changeovers

Film Roll Format	Bag Yield	Production Speed	Film Change Frequency
Pre-gusseted	3,000 bags	1,200 bags per hour	Every 2.5 hours
Non-gusseted	6,000 bags	1,200 bags per hour	Every 5 hours

Small machine footprint

Larger film reels for reduced downtime

Reduced labor to manage bagging

ROI within four to six months

Features + Benefits

Custom dosing to maximize potential

Various configurations to fit every product

Compacta Bagging machines feature specialized feeding and dosing systems tailored for each product and industry. With a diverse range of system options, these machines offer flexibility in packaging a wide variety of materials.

Additionally, the feeding and dosing system can be optionally outfitted with a deaeration device, ensuring an optimal environment for packaging even the most challenging products.

Feeding system options

BLG
Gravity feed

Electronic scale with pneumatic catch gate, ideal for granular products

BLN
Gravity feed

Electronic auger scale ideal for powdery products

BLCV
Auger feed

Electronic vibratory pan scale, ideal for flaked products

BLS
Auger feed

Electronic belt scale, ideal for fine and moist products

BLNN
Belt feed on scale

Electronic belt on belt scale, ideal for fine, moist, and low-flowing products

Concept Scale

Industry leading system, virtually eliminating product giveaway

- **Accuracy:** error margin of +/- one ounce
- **Speed:** 2,400 bags per hour with one scale
- **Capability:** 30 gallons of product per second

Entry-Level Model

COMPACTA EASY SPECS

Mechanical speed bags per hour	2,400
Production speed bags per hour	2,000
Production speed with top seal cleaning system	1,600
Bag volume	1 - 80 L ¼ - 21 gal
Full bag length	350-750 mm 14-30 in
Pre-gusseted reel width	260-450 mm 10-18 in
Non-gusseted reel width	310-650 mm 12-26 in
Minimum distance between gussets	200-250 mm 8-10 in
Maximum reel diameter	1,500 mm 59 in
Film thickness	80-220 µm
Compressed air consumption per bag at 6 BAR	120 L 32 gal
Installed power	18 - 30 kW
Machine weight	4 - 4.5 Ton

*Specifications for top-level Compacta HS provided on request.

Mid-Level Model

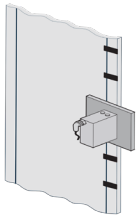
COMPACTA SPECS

Mechanical speed bags per hour	2,400
Production speed bags per hour	2,000
Production speed with top seal cleaning system	1,600
Bag volume	1 - 80 L ¼ - 21 gal
Full bag length	350-750 mm 14-30 in
Pre-gusseted reel width	260-450 mm 10-18 in
Non-gusseted reel width	310-650 mm 12-26 in
Minimum distance between gussets	200-250 mm 8-10 in
Maximum reel diameter	1,500 mm 59 in
Film thickness	80-220 µm
Compressed air consumption per bag at 6 BAR	120 L 32 gal
Installed power	18 - 30 kW
Machine weight	4 - 4.5 Ton

*Specifications for top-level Compacta HS provided on request.

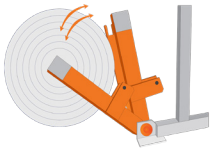
Components

STANDARD COMPONENTS



PHOTOCELL FOR I-MARK

- Photocell reads print registration mark to determine the length of the bag, ensuring that printed graphics are centered



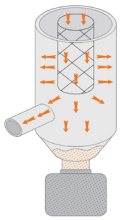
HYDRAULIC FILM REEL POSITIONING

- Accommodates gusseted + non-gusseted film
- Lifts up to 1,985 pounds
- Film changeover in 3.5 minutes

H.M.I.

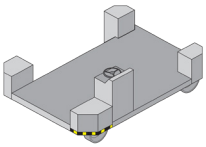
- Siemens or Allen Bradley
- User-friendly software for easy diagnostics
- Teleservice for remote technical support

OPTIONAL COMPONENTS



SELF CLEANING FILTER

- Independent system designed to filter the air pulled from the suctioning system which opens the bag

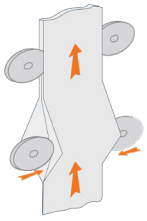


MOBILE PLATFORM

- Machine can be easily moved under different silos to pack different products

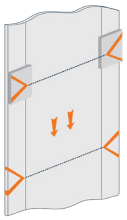
Components

OPTIONAL COMPONENTS



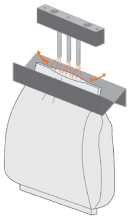
IN-LINE GUSSETING UNIT

- Patented system creates gussets during production
- Doubles reel duration/cuts changeovers in half
- Reduces shipping and storage costs



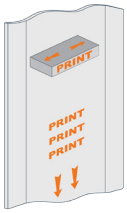
CORNER ‘K’ SEALERS

- Optimizes bag shape for palletization
- Facilitates complete emptying of the bag by end user



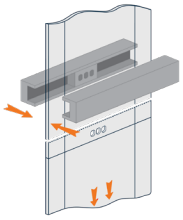
TOP SEAL CLEANING SYSTEM

- Removes dust from bag-sealing area
- Ability to package powdery or dusty products



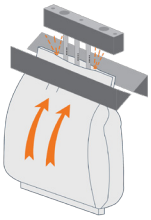
THERMAL TRANSFER PRINTER

- Print directly on bag in-line during production
- Inkjet printing, such as date + lot coding
- Print area up to 8.5” x 11”



BAG HANDLE MAKER

- Creates a handle in-line during production
- Multiple die cut handle shapes + styles



AIR EVACUATION SYSTEM

- System to ensure airtight bag closure
- Increases product shelf life and pallet stability
- Additional options for gas flushing available

The Bag

Versatile, High-Performance Packaging Film

Constructed from a cost-effective and highly protective plastic tubular film, this bag offers quality, affordability, and versatility.

- Lower cost per bag
- User-friendly for simple changeovers
- 100% recyclable polyethylene

FILL WEIGHT: 5 - 110 LBS.

Focus on sustainability

The carbon footprint of a plastic bag is lower than that of a paper bag or cotton tote.

Sustainability goes beyond biodegradability, encompassing the entire environmental impact from production to disposal. In contrast to rigid packaging, flexible packaging, requires less energy and emits fewer emissions on its journey to the market.

As sustainability gains importance, adherence to specific standards in packaging materials, such as recyclable polyolefin and polyethylene films, becomes crucial.

Complete Packaging Lines

End-to-end solutions from product feeding to finished pallets

Feeding + Dosing

Dosing by Weight
Dosing by Volume
Precision Feeding
Counters

Filling + Bagging

Tubular FFS Baggers
Open Mouth Baggers
Super Sack Baggers
Two-Chamber Baggers
Liquid Baggers

Quality Control

Check Weighers
X-Ray Machines
Metal Detection
Combination Machines
Bag Rejection

Transport + Conveying

Accumulation Stations
Incline Conveying
Bag Conditioning
Bag Flattening

Palletizing

Robotic Palletizers
Gantry Style Palletizers
Layer Palletizers

Hooding + Wrapping

Stretch Hooders
Stretch Wrappers

Mission + Vision

Revolutionizing your production process with state-of-the-art packaging machinery and customized solutions to drive efficiency, productivity, and cost savings. Partner with us for growth through superior packaging automation, dedicated service, and unparalleled support.

We're not just about selling machines—we're partners in your success, collaborating with you at every stage to develop a personalized blueprint for your project.

From inception to problem-solving and innovation, our unique approach cultivates a dynamic relationship where your input guides us in crafting the ideal solution. Committed to delivering high-performance solutions and offering long-term support, IMS maximizes operational efficiency to help you achieve your production goals.

- 25 years of global industry experience
- Design, delivery, installation, and technical support
- Nationwide network of experienced technicians
- System flexibility for future production needs and growth
- Prompt service for full installation & after-sales support
- User manuals & recommended maintenance plans
- Commercially available components + open software

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