

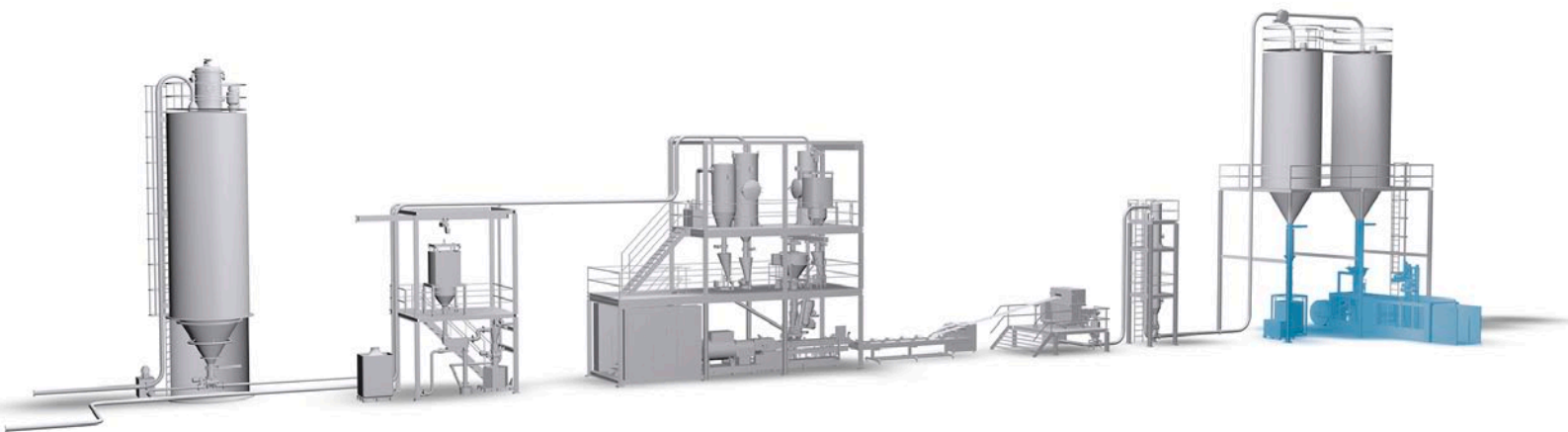
Fully integrated packaging systems - the complete range for weighing, bagging and palletizing

»» An eye for detail with the big picture in mind – from individual packaging machines to fully integrated packaging solutions. Coperion offers exactly the right products to meet your individual needs. Complete packaging solutions that are easy to operate, very flexible, adaptable to a wide range of products, and easy to maintain. Our packaging equipment is specially designed for free-flowing, granular bulk materials and includes all the features required to reliably manage bulk density variations and cross contamination.

Producing high-quality end products is key to success when meeting the high demands of international markets. As your partner in the plastics, chemical, or food industries, we know these demands and have the experience it takes to provide the most appropriate bulk materials packaging solutions.

Our many years of experience and competence in process engineering design ensure that our plants and systems offer a high level of operational reliability and safety, as well as maximum availability.

EXAMPLE OF A PACKAGING SYSTEM IN A COMPOUNDING PLANT



Clever, clean, Coperion: best-in-class products for best-in-class systems. Coperion offers intelligent machines with automated features that ensure your goods are accurately dosed, precisely weighed and hygienically packaged. With self-cleaning functions and easy maintenance integrated into every solution, you can rest assured that your processing lines will run smoothly and keep running smoothly.

Coperion prides itself in producing durable, high-performance products that make a difference to its customers. That's why all of our innovative products are exhaustively tested under lifelike conditions and continually developed

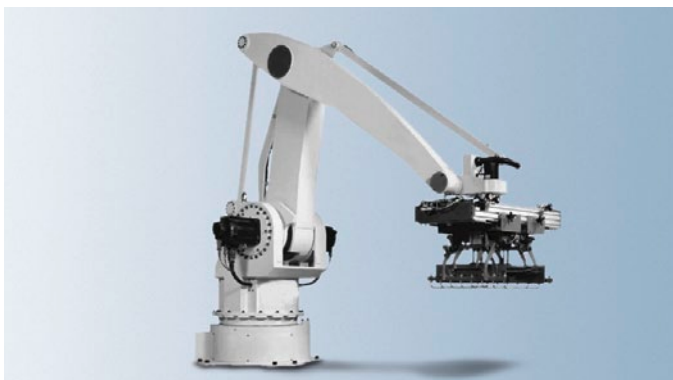
to meet growing customer needs. Our extensive knowledge of raw materials and their unique properties is basis for the production of efficient and reliable machinery.

As a result, we offer solutions capable of handling the most diverse variety of materials. Whether you're dealing with crystalline, granular, beaded, or flaked goods, you can count on the ultimate know-how in packaging technology. With a track record going back many years, underscored by long-standing company traditions, our focus throughout is to develop durable, compact and economical product and system solutions.



INTEGRATED FFS BAGGING AND PALLETIZING MACHINES (IBP)

- › All packaging functions from weighing to palletizing in one single unit
- › Small footprint
- › Integrated bag flattener
- › Simple design for high availability, quick accessibility for easy maintenance
- › Modular design facilitates future capacity upgrades
- › Easy and intuitive touchscreen navigation for operation, setting changes and maintenance
- › Options: check weigher, metal detector, bag marking systems, automatic cleaning



ROBOT PALLETIZERS AND GANTRY PALLETIZERS

- › Flexible - easy to adapt to different palletizing requirements
- › Available bag grippers can operate with different bag sizes without manual adjustment
- › Operators can modify palletizing pattern without manufacturer support



FFS BAGGING MACHINES (ITN, ITL)

- › Weigher integrated into machine body
- › Modular design facilitates future capacity upgrades up to 500 b/h
- › Integrated bag flattener
- › Simple design for high availability, quick accessibility for easy maintenance
- › Small footprint
- › Easy and intuitive touchscreen navigation for operation, setting changes and maintenance
- › Options: check weigher, metal detector, bag marking systems, automatic cleaning



BIG BAGS/OCTABIN FILLING

- › Flexible - manual or semi-automatic operation
- › Capable of filling different types and sizes of bags at one station
- › Quick adjustment to different bag sizes and octabins
- › Easy loading of empty big bags
- › Integrated product compacting system available

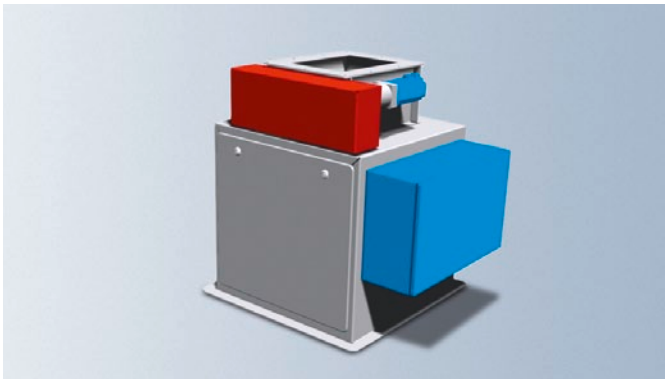
PRODUCTS

- › Integrated FFS bagging and palletizing machines (IBP)
- › FFS bagging machines (ITN, ITL)
- › Open mouth bagging machines (automatic, semi-automatic)
- › Valve packers (automatic, semi-automatic)
- › Robot palletizers and gantry palletizers
- › Big bag/octabin filling
- › Weighers
- › Turnkey lines



OPEN MOUTH BAGGING MACHINES (AUTOMATIC, SEMI-AUTOMATIC)

- › Flexible – capable of filling paper, plastic and woven bags
- › Different sealing systems available: stitching, crepe tape applicators, pinch top sealer
- › Small footprint
- › Integrated bag flattener
- › Simple design for high availability, quick accessibility for easy maintenance
- › Easy and intuitive touchscreen navigation for operation, setting changes and maintenance



WEIGHERS

- › Flexible
- › High precision
- › Self tare and self calibration
- › Automatic control of average weight and speed
- › Capable of operating with all free-flowing products
- › Easy to clean
- › Very easy to operate and maintain



VALVE PACKERS (AUTOMATIC, SEMI-AUTOMATIC)

- › Flexible – quick adjustment to different bag sizes
- › Capable of operating with paper or plastic bags
- › Completely enclosed design to protect environment from product contaminations and noise
- › Automatic positioning of empty bags with pretesting of valve and automatic rejection of bags with defective valves
- › Modular design facilitates future capacity upgrades up to 800 b/h

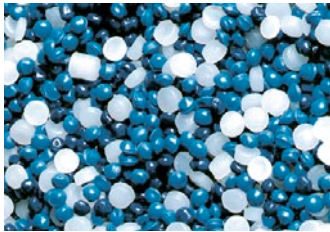


TURNKEY LINES

- › Complete packaging line from one single source
- › In-depth system know-how for the entire packaging process
- › Only one interface with full responsibility for equipment, system integration and functionality
- › Uniform philosophy for automation, data exchange and diagnostic functions
- › One interface for assistance, service and spare parts

»» We are where you are – just around the corner and at your service. Being able to react quickly and competently is what true partnership is all about. With subsidiaries in the United States, Europe and Asia, we have created a network which makes sure we are directly in touch with our customers all around the world. Our specialists and local partners speak your language and are entirely familiar with national customs and practices. This is important for us, as we believe that trust and confidence can only thrive in a relationship of mutual understanding.

Coperion offers components and lines that are ideal for packaging crystals, granules and other free-flowing bulk materials for a variety of industries:



» PLASTICS



» FERTILIZERS



» FOOD

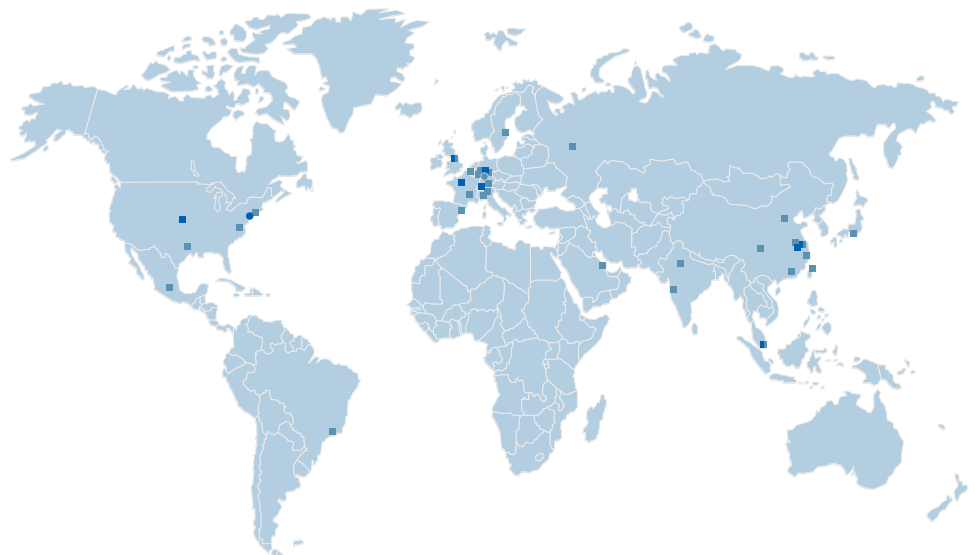


» MINERALS

OUR GLOBAL PRESENCE:

With our worldwide setup and our wide range of products and services, you benefit from:

- » In-depth process and project management knowledge for ideal interfacing between the individual process steps
- » Highly innovative, reliable product technology
- » Support from partners across the globe



Coperion GmbH

Compounding & Extrusion
Theodorstraße 10
70469 Stuttgart, Germany
Tel.: +49 (0) 711 897-0
Fax: +49 (0) 711 897-3999
info.cc-ce@coperion.com

Coperion GmbH

Materials Handling
Niederbieger Straße 9
88250 Weingarten, Germany
Tel.: +49 (0) 751 408-0
Fax: +49 (0) 751 408-200
info.cc-mh@coperion.com

Coperion GmbH

Service
Theodorstraße 10
70469 Stuttgart, Germany
Tel.: +49 (0) 711 897-0
Fax: +49 (0) 711 897-3999
info.cc-se@coperion.com

info@coperion.com
www.coperion.com

> Europe

Belgium, Luxembourg, Netherlands
Coperion N.V.
Industrieweg 2, 2845 Niel, Belgium
Tel.: +32 3 870-5100
Fax: +32 3 877-0710

France

Coperion Sarl
20 chemin Louis Chirpaz
Bâtiment C
69130 Ecully, France
Tel.: +33 469 848190
Fax: +33 469 848199

Germany

Coperion GmbH
Germany West Office
Industriestraße 71a
50389 Wesseling, Germany
Tel.: +49 (0) 2232 20700-10
Fax: +49 (0) 2232 20700-11

Coperion Pelletizing Technology GmbH

Heinrich-Krumm-Straße 6
63073 Offenbach, Germany
Tel.: +49 (0) 69 9895238-0
Fax: +49 (0) 69 9895238-25

Coperion K-Tron Deutschland GmbH

Im Steinigen Graben 10
63571 Gelnhausen, Germany
Tel.: +49 (0) 6051 9626-0
Fax: +49 (0) 6051 9626-44

Italy

Coperion S.r.l.
Via Calvino 32
44100 Ferrara, Italy
Tel.: +39 0532 7799-11
Fax: +39 0532 7799-80

Coperion S.r.l.
Milan Office

Via XXV Aprile, 49
20091 Bresso (MI), Italy
Tel.: +39 02 241049-01
Fax: +39 02 241049-22

Russian Federation, CIS

OOO Coperion
Proezd Serebryakova 14, Bld. 15, Office 219
129343 Moscow, Russian Federation
Tel.: +7 499 2584206
Fax: +7 499 2584206

Spain, Portugal

Coperion, S.L.
Balmes, 73, pral.
08007 Barcelona, Spain
Tel.: +34 93 45173-37
Fax: +34 93 45175-32

Sweden, Denmark, Finland, Norway

Coperion AB
Linnégatan 81
SE-114 60 Stockholm, Sweden
Tel.: +46 8 608-1818

Switzerland

Coperion K-Tron (Schweiz) GmbH
Lenzhardweg 43/45
5702 Niederlenz, Switzerland
Tel.: +41 62 8857171
Fax: +41 62 8857180

United Kingdom

Coperion Ltd.
Unit 4, Acorn Business Park
Heaton Lane
Stockport, SK4 1AS
United Kingdom
Tel.: +44 161 209 4810
Fax: +44 161 474 0292

> Asia

China

Coperion (Nanjing) Machinery Co. Ltd.
No. 59, West Tianyuan Road
Jiangning District
Nanjing, 211100, PR China
Tel.: +86 25 5278-6288
Fax: +86 25 5261-1188

Coperion International Trading (Shanghai) Co. Ltd.

Coperion Machinery & Systems (Shanghai) Co. Ltd.
Bldg. No. A2, 155 Dong She Road
Song Jiang Industrial Zone
(Dong Jing Branch)
Dong Jing Town, Songjiang District
Shanghai 201619, PR China
Tel.: +86 21 6767-9505
Fax: +86 21 6767-9198

India

Coperion Ideal Pvt. Ltd.
Ideal House, A-35, Sector 64
201307 Noida (U.P.), India
Tel.: +91 120 4299333
Fax: +91 120 4308583

Japan

Coperion K.K.
Kotobuki-Bldg.-9F
3-18, Kanda-Nishikicho, Chiyoda-Ku
Tokyo 101-0054, Japan
Tel.: +81 3 5217-1050
Fax: +81 3 5217-1055

Saudi Arabia

Coperion Middle East Co. Ltd.
P. O. Box 821
Jubail - 31951, Saudi Arabia
Tel.: +966 (03) 341 1368
Fax: +966 (03) 341 1052

Singapore

Coperion Pte. Ltd.
150 Beach Road
#08-01/04 Gateway West
Singapore 189720
Tel.: +65 641 88-200
Fax: +65 641 88-204

Taiwan

Coperion (Nanjing) Machinery Co. Ltd.
Taiwan Branch Office
5F, No. 43, Alley 115
Chung San North Road Sec. 2
Taipei, Taiwan
Tel.: +886 2 2521 3580
Fax: +886 2 2521 1604

> America

South America

Coperion Ltda.
R. Dona Germaine Buchard 418
05002-062 São Paulo-SP, Brazil
Tel.: +55 11 3874-2740
Fax: +55 11 3874-2757

USA, Canada, Mexico, NAFTA

Coperion Corporation
663 East Crescent Avenue
Ramsey, NJ 07446, USA
Tel.: +1 201 327-6300
Fax: +1 201 825-6494

Coperion Corporation Wytheville Office

285 Stafford Umberger Drive
P.O. Drawer 775
Wytheville, VA 24382, USA
Tel.: +1 276 228-7717
Fax: +1 276 228-7682

Coperion Corporation Houston Office

3955 World Houston Parkway
Suite 190
Houston, TX 77032, USA
Tel.: +1 281 449-9944
Fax: +1 281 449-4599

Coperion K-Tron Pitman, Inc.

Routes 55 & 553
Pitman, NJ 08071, USA
Tel.: +1 856 589-0500
Fax: +1 856 256-3281

Coperion K-Tron Salina, Inc.

606 North Front Street
Salina, KS 67402, USA
Tel.: +1 785 825-1611
Fax: +1 785 825-8759

For more information about
the worldwide Coperion network,
visit www.coperion.com