

PRODUCT CATALOGUE

PMD Vertical Form/Fill & Seal Sigma 1
Sigma 3
Sigma 5

PMD Vertical Baler
PMD NAK/PUFF Production Plant
PMD Cartoner
Import Products

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PMD PACKAGING SYSTEMS (PTY) LTD

Suppliers of Packaging and Processing Machinery



SIGMA 1 VFFS

- Small to medium packs sizes.
- Speed up to 60 packs per minute (SIGMA 1 HS – up to 95 ppm).
- Compatible with volumetric cup fillers, linear scales and multihead weighers.
- Electro/mechanical drive system for low compressed air consumption.
- Quick release shoulder for simple pack size changes.
- Quick change sealing parts for easy maintenance.
- Full safety guarding.
- Optional extras: Euro Slot, Date Coder, Nitrogen Flush count and cut strip packs.

SIGMA 3 VFFS - UNIVERSAL PACKER DESIGNED FOR MAXIMUM FLEXIBILITY

- 10" full color touch screen. Simple format changes by selecting different recipe. Comprehensive production data and alarm reports.
- Speed up to 80 packs per minute.
- Packs up to 2.5 kg.
- Quick release shoulder for simple pack size changes.
- Quick change sealing parts for easy maintenance.
- Can be fitted with constant temperature sealing bars or impulse sealing bars.
- Full safety guarding and interlocks.
- Low level film alarm
- Wrapping materials: Polyethylene, Cellophane, Paper/Polyethylene, Aluminium/Polyethylene.
- Compatible with auger fillers, volumetric cup fillers and multihead scales.
- Pack formats: pillow pack, flat bottom pack.
- Options: Date Coder, Euro Slot, Hole Punch, Nitrogen Flush, Tear Notch, Count and Cut Strip Packs, Film Splice Assist.

SIGMA 5 VFFS - LARGE FORMAT PACKER

- Developed for packs up to 5 kg.
- Max bag width 340mm. Max height 420 mm.
- 10" full color touch screen. Simple format changes by selecting different recipe. Comprehensive production data and alarm reports.
- Speed up to 80 packs per minute.
- Servo driven.
- Quick release shoulder for simple pack size changes.
- Quick release sealing parts for easy maintenance.
- Full safety guarding and interlocks.
- Safety systems.
- Low level film alarm.
- Wrapping materials: Polyethylene, Cellophane, Paper/Polyethylene, Aluminium/Polyethylene.
- Compatible with auger fillers, volumetric cup fillers and multihead scales. Dosers to suit customer requirements.
- Pack formats: Pillow Pack, Flat Bottom Pack.
- Options: Date Coder, Euro Slot, Hole Punch, Nitrogen Flush, Tear Notch, Count and Cut Strip Packs, Film Splice Assist. Spare reel holder.



MACHINE SPECS

Sigma Model

Min/max Bag Width (mm):
 Min/max Bag Height (mm):
 Max Speed (BPM):
 Max Pack Weight:
 Touch Screen:
 Safety Guarding:
 Film Alarm:
 Auger Filling:
 Volumetric Filling:
 Multihead Scale:
 Date Coder, Euroslot, Hole Punch
 Nitrogen Flush, Tear Notch, Count
 and Cut Strip Packs, Film Splice Assist
 (Specifications may vary with the packaging
 material and product to be packed):

	1	2	3	5	6	BALER
Min/max Bag Width (mm):	80-150	80-240	80-240	80-320	150-440	150-400
Min/max Bag Height (mm):	60-200	60-340	60-340	80-450	200-720	200-600
Max Speed (BPM):	60 (95)	45	80	80	25	10
Max Pack Weight:	500gr	2.5 kg	2.5kg	5kg	10kg	25kg
Touch Screen:	n/a	opt	std	std	std	n/a
Safety Guarding:	std	std	std	std	std	std
Film Alarm:	opt	opt	std	opt	std	std
Auger Filling:	yes	yes	yes	yes	n/a	n/a
Volumetric Filling:	yes	yes	yes	yes	yes	n/a
Multihead Scale:	yes	yes	yes	yes	yes	n/a
Date Coder, Euroslot, Hole Punch Nitrogen Flush, Tear Notch, Count and Cut Strip Packs, Film Splice Assist (Specifications may vary with the packaging material and product to be packed):	Opt	Opt	Opt	Opt	Opt	Opt



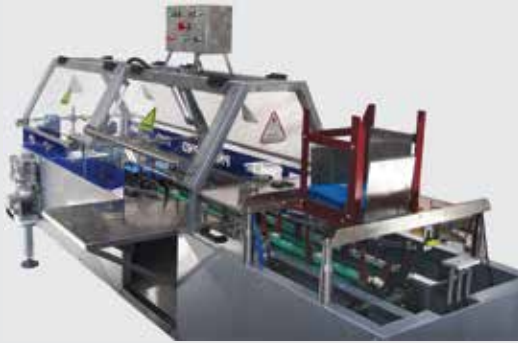
PMD BALER

- Designed to be coupled with any existing Primary VFFS.
- The PMD Baler receives the pillow packs via transfer section and inclined feed conveyor, bags are then collated or stacked and packed directly into the baler bag.
- Suitable products include sugar, beans, rice, lentils, maize meal pasta and many others.
- Mild steel frame, powder coated finish.



PMD NAK/PUFF PRODUCTION PLANT

- Comprising of the PMD Model C-450 Extruder, capable of extruding 120 kg per hour of raw collects.
- The full production line comprises of the Extruder, a Screening Drum, Continuous Oil Fryer with De Oiling Conveyor, Flavour Coating Drum with Flavour Feeder a transfer conveyor and bag of station or fed directly into a PMD Sigma Vertical Form Fill Seal Machine.



PMD HORIZONTAL CARTONER

PMD 820 Intermittent Drive Horizontal Cartoner with in-feed conveyor for hand loading. Basic structure in mild steel, powder coated, floor free construction with height adjustment feet.

Cartoner complete with:

- Variable speed drive for 5 to 30 cartons/minute.
- Adjustable carton chain conveyor.
- Adjustable carton guides.
- Intermittent control vacuum generator, pneumatic air powered.
- Hand load area for one (1) operator.
- No product, no carton pick up.
- Standard horizontal in-feed conveyor.
- Finger type hot melt glue pots.
- Finishes powder coated component.

FACTORY DESIGN



PMD REPRESENTS THE FOLLOWING INTERNATIONAL COMPANIES:

MATCON BLENDING AND PROCESSING

Matcon specialises in providing Intermediate Bulk Container (IBC) systems for efficient and flexible powder, granule and tablet processing. The unique Cone Valve technology within each IBC permits reliable and automated processes, helping you to achieve successful Lean manufacturing.



STEPHAN COOKING VESSELS

Since 1953, STEPHAN Machinery has been known worldwide for manufacturing food processing equipment and technology. STEPHAN manufactures units for various applications in the following mediums: convenience food, dairy, meat/fish, confectionery, kitchen/catering, cosmetics. The advanced technology offered by STEPHAN is based on many years of research and development and has made the STEPHAN brand synonymous with progressive technology.



HIGH DREAM MULTI HEAD SCALES

Confectionery, bakery, biscuit, cookie, cereals, fruit seed, snack, chips, flake, nut, jelly, pet food and so on... It can be configured for various weight requirements and different shaped products.



PRIMARY PACKAGING:

DELFIN FLOW WRAPPERS

Delfin offer flow wrappers for all applications, from the Auriga for light to medium production to the Orion packing up to 150 packs per minute. www.delfin.it



TEPACK

Vertical form fill seal machines for sachets and stick packs. Te pack designs and manufactures VFFS sachet and stick pack machines in Spain. Ideally suited to pack sugar, coffee, creamers, powders and sauces in small portion packs.

www.tepack.com



BOSSAR POUCH FORMING FILLING AND SEALING

Bossar founded in 1992 is a world leader in the design and manufacture of Horizontal form fill seal machines. Ideally suited to pack sauces, mayonnaise, spices, granulates and powders. www.Bossar.com



TEEPACK

The humble beginnings of our company in Meerbusch over 60 years ago have developed into a global market leader specialising in the manufacture of premium quality tea bag packaging machines – ground-breaking inventions like the double chamber tea bag included.

Most machines for the production of double chamber tea bags in the world are made by TEEPACK – and the fact that these machines now operate in over 50 countries are affirmation of our efforts and an incentive to work even harder.

www.teepack.com



THIELE TECHNOLOGIES

Thiele Technologies provides advanced high-speed packaging and converting automation solutions worldwide to a variety of industries including fresh and frozen food, dairy, bakery, pet food, beverage, horticultural, paper goods, pharmaceutical, medical devices, cosmetics, commercial printing, contract packaging, mailing & fulfillment and petro chemicals.

www.thieletech.com



SECONDARY PACKAGING:

KLIKLOK

Specialist in cartoning and sleeve wrapping, Kliklok is a world leader in packaging of consumer products. You need the winning balance of efficiency, quality and productivity in the chosen solution. www.kliklok-int.com



ECONOCORP CARTONERS

All ECONOCORP equipment is created with simplicity in mind, using minimal parts in the design to reduce maintenance and lower repair costs. Our simple, yet reliable packing equipment can increase output volume and decrease labor hours, creating more revenue for our clients. The ECONOCORP commitment to excellence has been acknowledged not only by our clients, but also through receipt of the President's E Star Award, recognizing our efforts in increasing imports and promoting exports in the U.S. We are proud to have been a leader in the manufacturing of economical case packing, cartoning and tray forming equipment for more than half a century. We look forward to continuing our commitment to excellence and innovation for our partners in all types of manufacturing industries for many more years to come!

www.econocorp.com



TECHNOSWEET ROBOTICS

TecnoSweet is a company with realistic industry vision, comprises a team of innovative engineers that uses its vast experience in building efficient confectionery processing and packaging systems. Research and development, engineering, and manufacturing of integrated automated process and packaging systems is our core business. We add value with our true focus on individual customer needs, seek innovation in a modern, flexible and lean company structure.



TecnoSweet supplies the industry with complete systems including:

- Chocolate moulding plants.
- Feeding & buffering systems.
- Chocolate wrapping.
- Secondary packaging systems. www.tsw-industries.com

TERTIARY PACKAGING:

ECONOCASER

The ECONOCASER is a horizontal casepacker of rugged construction that handles corrugated or folding board materials in a variety of case styles. Simple, economical design and operation are features of this machine.



Machine features include:

- Heavy duty construction.
- Caster mounting.
- Single load station (optional auto loading).
- Pressure sensitive tape or hot melt closure.

Accommodates:

- Corrugated and folding board materials.
- RSC Styles.
- Full flap, economy flap and butting end flap constructions. www.econocorp.com