

BRINGING OUR NEWS TO YOUR ATTENTION

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Special points of Interest:

- Exciting Developments in Pet Food Filling
- Through Valve Filling !!
- 7 Machines of same specification under production
- Developments in sachet machinery bring large cost savings



THE ONLY COMPANY OFFERING CHOICE BETWEEN DIFFERENT POUCH TECHNOLOGIES

Welcome to our first newsletter. As Quality Packaging Machinery Agents for Bossar, Boato Pack and Sanko (amongst others) we are confident this newsletter will be of interest to you as your attention will be drawn to our latest orders which have a relevance to your industry.

Bossar, manufacturer of horizontal pouch machinery, have recently completed a machinery range known as BMK (Bossar Modular Kit). This brings you versatility in handling a wide range of products in either form,fill,seal format, pre-made, retort & stand up pouch options.

Boato Pack manufacture vertical form, fill, seal machinery for 4 sided sachets & adjustable width stickpack machines in multi lane versions up to 10 lanes. Ensuring temperature control across the web, control of web tension, control of web centering and control of all functions from the PLC have been of high importance. Machinery is now based on 3 film widths. Boato Pack's machinery brings efficiency, reliability, flexibility, low maintenance and high speeds.

SPRINGVALE EQUIPMENT LTD
AGENT FOR OVERSEAS MANUFACTURERS OF PACKAGING MACHINERY
COMPANIES REPRESENTED & THEIR MARKET AREAS

- BEHN-BATES**: Bulk powder/granule bag filling machinery from 1.5 - 1,600kg for the food industry. Suitable for open mouth & valve sacks. Wash down option.
- boatopack**: Vertical form fill seal machines for four sided sachets for granules, powders, liquids and wet wipes. Stickpack machines offering variable pack width.
- BOSSAR**: Horizontal form fill seal machines for sachets and stand up pouches. Options include zippers and spout insertion up to 400 ppm. Pre-made pouch fill and seal equipment and cartons.
- Felge FILLING**: Speciality 200 litre drum filler supplier. In line automatic or on pallet options, palletising and turnkey. Range from 10 litres to 1000 litres.
- LANGENPAC**: Compact and economical semi-automatic carousel cartons with unique easy changeover features.
- Sanko**: Complete solutions for end of line collation, cartoning and case packing, from standard to very specialised applications.
- PACKER**: Stickpack machines for powders, granules and liquid products up to 20 lanes.
- PACKER**: Weigh filling machines for liquids 100mls - 30 litres, range of machines including rotary indexing, multiple capping/filling options, monobloc rotary fillertappers, up to 400cpm.

Springvale Equipment Ltd
Tel: 01285 4285 Fax: 01285 56269 email: springvale@springvale.co.uk web: www.springequip.co.uk
Quality Packaging Machinery

DOWNLOADABLE AT www.springequip.co.uk

Sanko manufacture stickpack machines for dry products running at up to 1600 ppm in a 16 lane version. One of their unique features is the ability to accommodate 1000mm diameter film providing continuous running for up to three times longer than a standard laminate reel.

COVERING ALL INDUSTRIES



Bossar, Boato Pack and Sanko are able to run products from the Food & Drink, Cosmetics & Toiletries, Wet Wipes and Pharmaceutical Industries. However, in this issue, we will be looking closer at recent applications within the Food Industry.

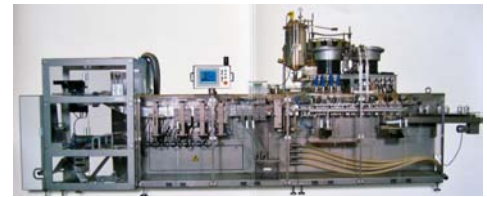
MACHINERY CURRENTLY ON ORDER —VIEWINGS WELCOME

EXCITING DEVELOPMENTS IN PET FOOD FILLING

A new pet food filling machine is currently being made for the packaging of dry dog, cat & rabbit food. What makes this machine exciting is its ability to accommodate a wide size range, packaging pet food into 50grms–1500grms pre-made pouches with zipper using a special magazine feeder system.



Bossar is the only company that is able to offer to the industry the possibility to choose between two different pouch transport technologies: walking beam and carousel.



BMK 2600

HANDLING BIGGER POUCHES

The GMB's carousel pouch transport system family has been especially designed for those customers who are looking for high production speed in the packaging of solids in large formats, such as powders, candies and snacks as well as for the dry pet food applications up to 15,000 cc capacity.

**VIEW THIS NOW
SOON TO BE DESPATCHED.**

RETORT APPLICATIONS

With technical cooperation with film manufacturing companies Bossar can now offer to their customers retort application from their Form, Fill & Seal machines in addition to their already successful pre-made pouch machines.



7 MACHINES FOR MAYONNAISE

This is not the first time Bossar has received an order for 7 machines of the same specification - this one being for Mayonnaise but have previously received a 7 machine order for grated cheese into a flat pouch with zipper at 100 pouches per minute.

The build for this order is expected to be completed ready for despatch in September '07 and is for 250ml and 500ml with a corner valve in duplex operation .



FILLING THROUGH THE SPOUT

Bossar has developed a solution for producing spouted pouches from the reel that are filled through the spout.

Particularly suited for hot fill or dairy products. This form,fill,seal application is for apple compote and is produced 3-up giving 150ppm.



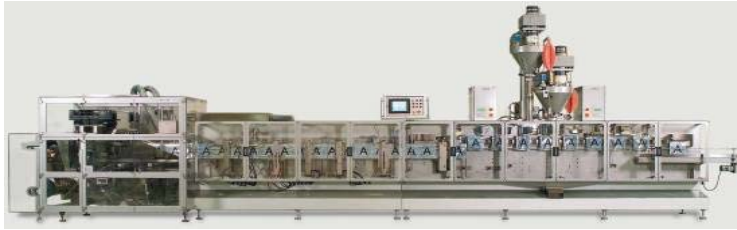
Advantages

- Minimal head space.
- Attractive “full” packaged product.
- Less film is used making smaller pouch = greater cost savings.
- Faster fill speeds.
- Super hygienic

MULTI-COMPONENT SOUP—TRICKY? NOT FOR BOSSAR

Being built in the factory now is one of Bossar's larger machines for their multi national customer who is filling soup containing several ingredients 2 at a time into flat form,fill,seal pouches .

The BMK 3300 S/FLT-2 has 1 auger filler + 2 volumetric cup fillers. At the end of the line is a cartoner to put the sachets inside display boxes of which Langenpac our cartoning manufacturer has plenty of experience.



AquaFlex™ laminate for water

For decades water has been packed in pouches made from standard mono-layer polyethylene films. End uses have traditionally been for survival, emergency and outdoor pursuits where the demand has been hydration rather than taste.

Compared with flavoured beverages such as juice, water cannot mask taste elements from primary packaging or migration through the pouch of external contaminants.

Understanding and controlling contaminants which change the taste of water is key, particularly at elevated temperatures. Increasing demand to find a pouch solution to complement glass, PET and cans has led to AquaFlex™ a newly developed laminate for water pouches. Run on a Bossar Machine the objective is to develop a flexible system to pack and store fresh and still (non-carbonated) drinking water.

The pouch is made on a form-fill-seal Bossar BMK 2000L with total shape tooling and corner valve applicator. Their first water customer Purifi KT is making two pouch sizes 500ml and 750ml.

The machine has the following elements:

- v Independent top film alignment
- v Flow meter by Bopp and Reuther
- v UV lamps for film sterilization
- v Total shape cutting die for the top and vertical seals
- v Easy change tooling to change between the two pouch sizes

After use, the pouch slims down to the thickness of a sheet. The weight of the pouch is approx. 3-5 times less than a PET bottle.

Amcort AquaFlex™ hold chemical and organoleptic certification by Fesenius Institute and Henkel Laboratories, Germany.



26 g



10 g

DON'T LET THIS BE YOU



KEEP YOUR HEAD

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Quality Packaging Machinery



**Emma Ridgway
EDITOR**



LARGE COST SAVINGS FOR POT NOODLE SACHETS

By replacing previous sachet machinery 2 years ago, Unilever Bestfoods have recouped the original cost of their Boato Pack Sachet Machines through significant material cost savings, reduced wastage & labour whilst improving their line speed and efficiencies.

Unilever Bestfoods purchased 2 x 6 lane Boato Pack Tornado machines in 2005 for the production of four side seal sachets filled with liquids. These machines run at 90 sachets per minute and feed into 4 x Mitsuhashi boxing lines, also supplied through Springvale Equipment. The filled sachets leave the Tornado cut into vertical strips which are then folded neatly into boxes by the Mitsuhashi using a clever synchronized operation of winding and traversing. From here they are then transported to another Unilever factory where a further 2 Mitsuhashi machines are feeding the sachets from the box into the individual pot noodle pots along with the noodles.

The large material cost savings have come by using a significantly thinner micron material which

AFTER READING ALL THIS YOU'LL NEED A DRINK

Whilst continually developing their stickpack machinery, Boato Pack have recently received an order for these rather attractive Drinking Chocolate sticks which are then collated into these outer sachets containing 5 servings.

This high quality stick is produced on their Tornado machine which can be fitted with a range of servo controlled filling options including oscillating or tangential flow volumetric systems for powders, granules, tablets and small sweets, pumps for liquid dispensing, and a wet tissue feeder for non-woven material folded as required with liquid insertion.

The range of stickpack machinery available from Boato Pack now offers a vast flexibility in the size range of stick widths. Their 6 lane machine has a size range from 17mm up to 100mm stick width. The 4 lane machine's range is 30mm to 100mm.



NEW RELATIONSHIPS !!

UNIFILL

The world leading manufacturer of Vertical Thermoform Fill & Seal Machines for Portion Packs.

A BRAND MANAGER'S DREAM



- Peelable Oyster-Packs
- Squeezable Packs
- Unit Doses
- Unlimited Shapes
- Single/Multiple Packs
- Cap Option for Multiple Use
- Stand up Feature
- Multi-Pack Option