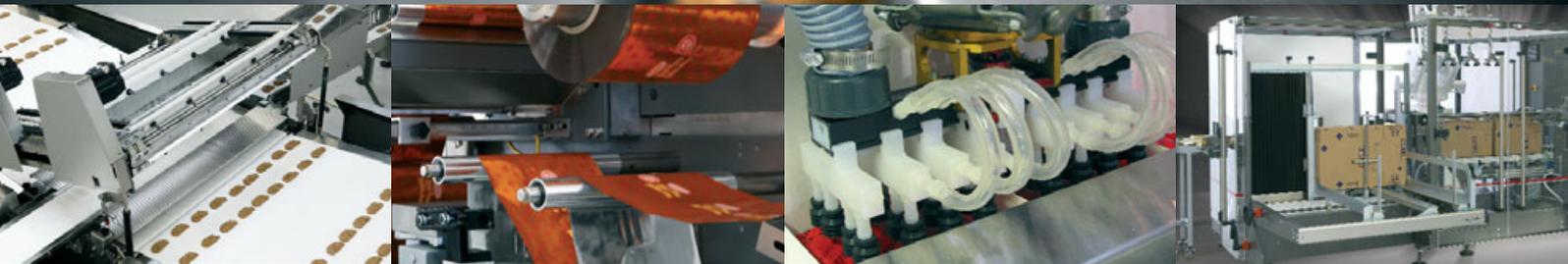




Bradman Lake Group
Integrated Packaging Technology

overview



www.bradmanlake.com

Overview

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About

With engineering and project management that really understand the challenges of today's packaging industry the Bradman Lake group is synonymous with providing innovative packaging solutions to a client base that demands a partner to go 'above and beyond' to help them excel in today's competitive markets.

The Bradman Lake group is composed of three key brands, Autowrappers, Bradman Lake and Europack, and is a major supplier of packaging technology to the bakery and biscuits, chocolate and confectionery, dry foods, frozen foods, consumer and healthcare sectors.

From distribution and feeding systems to flow wrapping, carton erection, loading, closing and end-of-line options of case packing and shrink wrapping, time after time many of the world's leading companies place their trust in Bradman Lake technology.

At our facilities in the UK and in South Carolina, USA, research and development teams ensure Bradman Lake technology remains at the forefront.

We have one clear aim – to maximise your profitability by utilising leading edge technology. With many decades of experience and many thousands of installations to our credit,



whether your requirement is a single machine or a totally integrated solution, Bradman Lake make the ideal partner.

Bradman Lake is a wholly owned subsidiary of the multi-disciplined global UK engineering group, Langley Holdings plc. (www.langleyholdings.com)



Business areas

By listening to our clients and focusing on their specific needs, we continually develop innovative products to help maximise our clients' success.

Whether deploying new systems or integrating new technology into existing facilities, Bradman Lake is committed to delivering performance solutions.



Automatic Distribution System

◆ Bakery & Biscuits

We initiate major advancements in technology development to not just meet, but to exceed the increasing demands for speed and accuracy in the production of bakery and biscuits, cakes, snacks and nutritional bars throughout the world.

Bradman Lake specialists are available to offer the necessary advice, since choosing the appropriate machine depends greatly on the handling characteristics and format of your product.

◆ Chocolate & Confectionery

With a wealth of experience supplying packaging machinery to the world's chocolate and confectionery industries, we have considerable knowledge in the gentle handling of all types of chocolate and confectionery products.

From single stand-alone machines through to complete high speed systems, the Bradman Lake group offers a comprehensive range of flow and roll wrapping, distribution, collating, robotic loading, cartoning, wraparound tray and case packing systems.



◆ Consumer & Healthcare

The Bradman Lake group has designed and manufactured packaging machines and systems to meet the specific needs of the consumer and healthcare industries.

A wide variety of essential and everyday products in the home are handled by our systems including many major brand names in a variety of international markets.

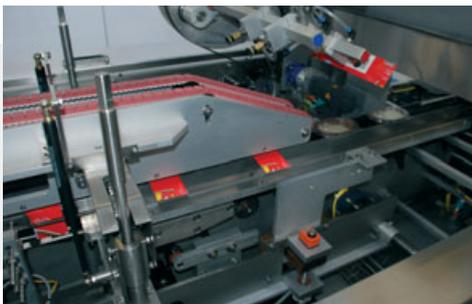
◆ Dry Foods

The packaging solutions offered by the Bradman Lake group are widely used in a variety of global dry food industries worldwide. Their exceptional performance has been well proven in the packaging of cereal, tea, coffee and similar products.

◆ Frozen Foods

Bradman Lake has extensive experience supplying packaging machinery for food products of every kind.

Wipe down or full stainless steel wash down construction is available to suit specific environmental operating conditions.



Sleeve Wrapping



Shrink Wrapping

Individual technologies

Bradman Lake successfully brings together several technologies to offer clients the benefit of placing a single contract with a partner who is able to project manage all the way down the line.

Quite simply, we will put our reputation on your production line!



Product Handling & Feeding Systems

High volume production lines rightly demand fully automated packaging systems, flexible in operation and capable of accepting normal irregularities in the product itself and in the product supply rate. With many years experience in the handling of delicate products in a variety of applications, our feeding systems never fail to present your product perfectly to the next stage of the wrapping cycle.

Automatic Distribution Systems (ADS)

Our distribution systems are specifically developed for production and packaging lines. Technologically sophisticated, but reassuringly simple to use – these

systems are the epitome of quality engineering, offering unrivalled accuracy and longevity of use.

Storage Systems

To ensure maximum production stability protection, our storage systems are designed to bridge short-term machinery downtime and give just-in-time product availability.

We offer three storage systems, each possessing flexibility, ingenuity and user friendliness. Our Verso Stor is designed to fit neatly into the space available, stored products can be re-fed as 'first in - first out' or 'last in - first out' depending upon application. Whilst our horizontal buffer and re-feed system is simplicity personified, a conveyor which is mounted on the end of the ADS following the final transfer station and flexible enough to deal with high and low speed applications effortlessly.

Finally, the trombone system is more suited to random product flow providing a cost effective solution at the front end of the production line.



Trombone System



Flow Wrapping

Bradman Lake has designed and manufactured flow wrapping machinery and systems that have proven to be the best solution for the most demanding of packaging needs. Continuous development and innovative designs ensure unrivalled reliability in operation as well as speed of production.

We can supply from a 'standalone' machine for low-speed, hand-fed applications up to a fully automatic system to meet the demands of the most sophisticated high tech processing and packaging lines. Systems can include automatic feeding, product storage and multiple flow wrapping for both primary wrapping and multi-packing and it goes without saying the Flowtronic machines operate at the highest levels of efficiency, even in the most demanding of environments.



Flow Wrapping

Roll Wrapping

Roll wrapping is an effective way of packaging small round, square and rectangular confectionery products. Bradman Lake has taken this principle and made it even more effective, even more efficient and even more accessible.

The range of roll wrapping machinery allows for precise adaptation to the clients individual requirements. From a single machine through to multi machine systems, equipment supplied by the Bradman Lake group will ensure reliability, quality and profitability.



Individual technologies



End Load Cartoning



Cartoning

In cartoning the Bradman Lake name is synonymous with quality and efficiency. Supplying equipment to the fast moving consumer goods markets has positioned the company as a leading innovator of carton erectors, top load cartoning machines, end load cartoning machines and robotic pick and place solutions. With a wide range of standard and bespoke built equipment to cover various speed ranges, both indexing and constant motion, we manufacture a machine suitable for the majority of applications.

Our top load carton erectors are able to handle an extensive range of carton styles including four corner glue, four corner lock and turn over end style. Our range of top load carton closers will handle single or three flap carton closure with key features such as our Flexible Carton Control (FCC) and servo driven pack turning which have been developed to ensure our machines operate with an extensive range of cartons, at high speeds, whilst ensuring operational reliability and finished product quality.

To complement our top load and end load cartoning machines we manufacture a wide range of product collation/infeed system such as our cascade 'bag in box' handling system, SATI 'smart belt' transfer system and DRT 'race track' robotic top loaders.

Our custom-built robotic handling systems demonstrate Bradman Lake's position as an innovator of flexible automation using parallel axis technology, utilising leading-edge design to increase both efficiency and productivity.



Case Packing

For applications where pre-formed (RSC) cases are to be used, we are in an ideal position to offer a range of variable solutions.

When a pre-formed case is used, three different options can be chosen, i.e. side, bottom or top loading, with the best solution depending on the nature of the product and its position within the case.

Our machinery is supplied with appropriate collating equipment. Case closure can be achieved either by means of taping units or hot melt glue.

Naturally the equipment can be operated with solid carton board or with various grades of corrugated board.

As the requirement for shelf-ready packaging increases, our range of case packing equipment continues to deliver consistent yet flexible solutions to satisfy the demands of modern retailing.



Our wraparound case packers offer both standard and shelf-ready packaging whilst providing real world cost savings. In comparison wraparound cases use less material and require less distribution space than conventional pre-formed cases.

Shrink Wrapping

Bradman Lake, through our Europack brand, design, manufacture and supply shrink wrapping systems for a wide range of applications. We serve all industries that require shrink wrapping for presentation and protection purposes including the food, cosmetics, pharmaceuticals, print, paper and bottling industries.

Our experience is second to none. We are now able to supply machines that operate without any form of sealing jaw, the absence of which means lower maintenance and further cost savings to you.



MX Robotic Case Packer

Turnkey solutions

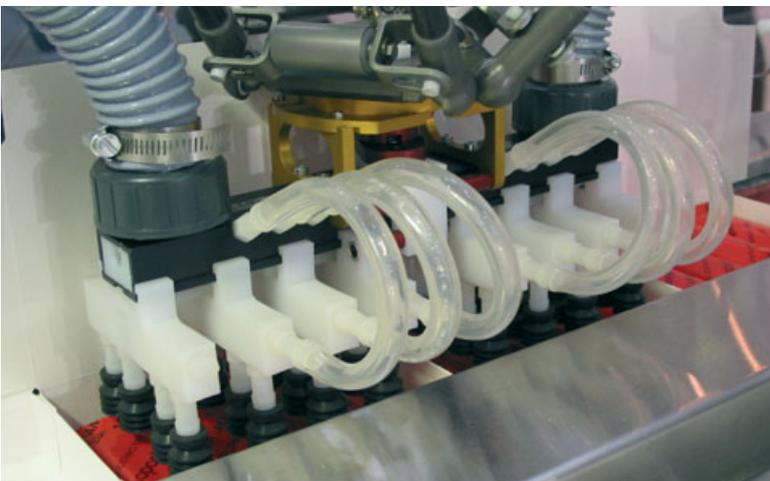


Bradman Lake has all the skills and group resources to deliver turnkey solutions to meet complex client needs. Whatever your requirement, from individual machines to a complete automated line, Bradman Lake has pioneered production monitoring and diagnostic technology, as well as robotic and servo-motion technology across its machine range, to guarantee fully-integrated operations from product to end-of-line distribution.

Robotics

Robotics have played an ever-increasing part in our technologically advanced applications as well as product development considerations.

Currently, Bradman Lake is an innovator of flexible automation using parallel axis robotics technology. We not only offer top load cartoning solutions (using the proven robot picking of products from a racetrack mechanism) but we also satisfy the ever increasing demand for pick and place feeding from a random source using advanced vision based technology.



Robotic Top Loading





Total customer care

At Bradman Lake, we forge long-term relationships with our clients; when you select our technology you also gain our expertise for the life of the equipment.

Even years down the line, our aim is to keep your equipment working as smoothly and efficiently as the day it was installed. We place a lot of emphasis on after sales support the most effective way to guarantee product quality and productivity in a cost effective and easily accessible manner.

We offer genuine spares and replacement parts, field service, engineering support, training and enhancement services working together with the client to maintain the confidence that you have in your equipment and to maximise the return on your investment.

Whether you need remote or on-site technical service and support, spares, training, equipment modifications or any other form of support, we are just a phone call away wherever you are in the world.



FEEDING SYSTEMS
DISTRIBUTION SYSTEMS
STORAGE SYSTEMS
FLOW WRAPPING
CASE PACKING
SHRINK WRAPPING
CARTONING
ROBOTICS
ROLL WRAPPING



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Autowrappers and Europack are brands of the Bradman Lake Group

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