

# KEYMAC

PACKAGING SYSTEMS

CARTONING EXPERTS  
SLEEVING SPECIALISTS



KCM3 FULLY AUTOMATIC  
END LOAD CARTONER

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# COMPANY PROFILE

## OVERVIEW

KEYMAC PACKAGING SYSTEMS DESIGN, MANUFACTURE, AND SERVICE A FULL LINE OF PRIMARY PACKAGING MACHINES AIMED AT THE FOOD AND NON-FOOD INDUSTRIES WORLDWIDE.

WITH KEYMAC'S INNOVATIVE APPROACH TO SOLVING THE COMMON CHALLENGES OF PRODUCTION AND AUTOMATION, WE HAVE EARNED A REPUTATION FOR PROVIDING SIMPLE AND ROBUST EQUIPMENT THAT CUT COST AND IMPROVES EFFICIENCIES.

WITH OVER 35 YEARS OF PACKAGING INDUSTRY EXPERTISE, THE DIRECTORS OF KEYMAC HAVE ACHIEVED MUCH SUCCESS AND BROUGHT FORTH INNOVATION THAT HAVE BECOME PROVEN STANDARDS.

KEYMAC IS THE INDUSTRY LEADER IN THE PACKAGING SECTOR STRIVING TO ADVANCE OUR PATENTED DESIGNS AND CAPABILITIES.



## HISTORY OF KEYMAC

KEYMAC PACKAGING SYSTEMS WAS FOUNDED IN KEYNSHAM, UNITED KINGDOM, IN 2005 BY MIKE BRADLEY AND HIS FATHER, ALBERT BRADLEY. BASED ON ITS HUMBLE BEGINNINGS IN THE TOWN OF KEYNSHAM, THE NAME 'KEYMAC' IS DERIVED FROM 'KEYNSHAM MACHINERY'. KEYMAC STILL MANUFACTURES MACHINES ON TWO SITES IN KEYNSHAM TODAY.

KEYMAC DEVELOPED ITS FIRST AUTOMATED MACHINE, THE K101 AUTOSLEEVER, WHICH WITH ITS SMALL FOOT PRINT AND UNIQUE OPERATION OFFERED A PURPOSE BUILT SOLUTION THAT HAD NOT BEEN PREVIOUSLY AVAILABLE. THROUGH THIS DEVELOPMENT CONCEPT KEYMAC HAS GONE FROM STRENGTH TO STRENGTH, CONTINUALLY DESIGNING, MANUFACTURING AND SUPPLYING CLIENTS ALL OVER THE WORLD. IT IS STILL EXPANDING TODAY WITH ITS UNRIVALED RANGE OF MACHINERY.

IN 2010 KEYMAC OPENED ITS NEW MANUFACTURING FACILITY IN CHARLOTTE, NC, EXPANDING THE RANGE TO NEW MARKETS IN NORTH AND SOUTH AMERICA. THIS LED TO THE FURTHER DEVELOPMENT OF THE RANGE TO MEET HIGHER SPEED REQUIREMENTS AND TO INCLUDE MANY NEW MACHINES TO HANDLE UNIQUE CONCEPTS IN PACKAGING DESIGN THAT HAVE NOT BEEN AUTOMATED BEFORE.

TO MEET THE EVER EXPANDING AND CHANGING CONSUMER MARKET DEMANDS, KEYMAC HAS DEVELOPED A COMPREHENSIVE RANGE OF MACHINERY THAT HAS SET INDUSTRY STANDARDS. THE MACHINERY RANGE PROVIDES SOLUTIONS FROM SIMPLE INNOVATIVE CONCEPTS TO HIGH TECH ROBOTICS. KEYMAC ALWAYS ASSESSES THE CUSTOMERS' SPECIFIC PACKAGING REQUIREMENTS AND APPLIES A CREATIVE YET PRACTICAL APPROACH THAT RESULTS IN INCREASED BUSINESS EFFICIENCY AND PRODUCTIVITY.

# AUTOMATIC SLEEVING

WE MANUFACTURE A RANGE OF FULLY AUTOMATIC SLEEVING MACHINES AIMED AT THE READY MEAL MARKET. THESE MACHINES OFFER MANY UNIQUE FEATURES AND ARE UNMATCHED FOR PERFORMANCE AND RELIABILITY. LOW MAINTENANCE REQUIREMENTS AND REDUCE RUNNING COSTS MAKE THESE MACHINES AN EXCELLENT CHOICE TO PROVIDE YOU WITH THE NEXT STEP IN EFFICIENCY AND PRODUCTIVITY.



## THE ORIGINAL COMPACT SLEEVER . .

### K101 AUTO-SLEEVE

- CONTINUOUS MOTION
- SPEEDS UP TO 80 PACKS PER MINUTE
- SMALL FOOTPRINT OF ONLY 1.5M (6')
- SIMPLE LOW MAINTENANCE DESIGN FEATURES
- ENERGY SAVING DESIGN USING PRE-GLUED SLEEVES
- ROBUST STAINLESS STEEL CONSTRUCTION

### K201 AUTO-SLEEVE

- CONTINUOUS MOTION
- SPEEDS UP TO 120 PACKS PER MINUTE
- COMPACT FOOTPRINT OF ONLY 2.5M (9')
- SIMPLE LOW MAINTENANCE DESIGN FEATURES
- ENERGY SAVING DESIGN USING PRE-GLUED SLEEVES
- ROBUST STAINLESS STEEL CONSTRUCTION
- ROTARY SLEEVE FEEDER WITH PRE BREAK SYSTEM
- AUTOMATIC IN-FEED TIMING SYSTEM



# END LOAD CARTONING

KEYMAG'S RANGE OF END LOAD CARTONERS COME WITH BOTH SEMI-AUTOMATIC AND FULLY AUTOMATIC PRODUCT LOADING OPTIONS. THESE ROBUST MACHINES OFFER MANY UNIQUE FEATURES AND ARE UNMATCHED FOR PERFORMANCE AND RELIABILITY. LOW MAINTENANCE REQUIREMENTS AND REDUCE RUNNING COSTS MAKE THESE MACHINES AN EXCELLENT CHOICE TO PROVIDE YOU WITH THE NEXT STEP IN EFFICIENCY AND PRODUCTIVITY.



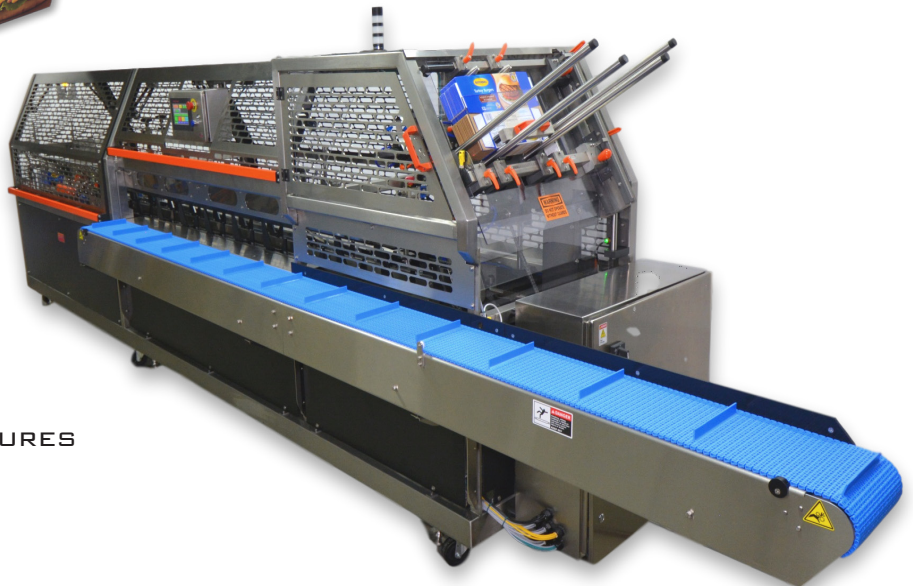
## CONTINUOUS: KCM 1, 2 & 3 CARTONER

- CONTINUOUS MOTION
- SPEEDS UP TO 200 PACKS PER MINUTE
- AVAILABLE AS END SEAL, SEMI-AUTOMATIC LOAD, AND FULLY AUTOMATIC LOAD
- SIMPLE LOW MAINTENANCE DESIGN FEATURES
- HOT MELT GLUE OR TUCK CLOSURE AVAILABLE
- ROBUST ONE PIECE CHASSIS FRAME CONSTRUCTION
- HANDLES A WIDE RANGE OF PRODUCTS AND CARTON STYLES.



## INTERMITTENT: KIM3 CARTONER

- INTERMITTENT MOTION
- SPEEDS UP TO 40 PACKS PER MINUTE
- AVAILABLE AS FULLY AUTOMATIC LOAD
- SIMPLE LOW MAINTENANCE DESIGN FEATURES
- ROBUST ONE PIECE CHASSIS FRAME CONSTRUCTION



# TOP LOAD CARTONING

KEYMAG'S TOP LOAD CARTON FORMING AND CLOSING MACHINES ARE FOR THE CONFECTIONERY, BAKERY AND FROZEN FOOD INDUSTRIES. AUTOMATIC PRODUCT LOADING IS ALSO AVAILABLE USING MULTI-HEAD WEIGHERS, ROBOTICS AND UNIQUE PURPOSE BUILT MANUAL LOADING STATIONS. THESE ROBUST MACHINES OFFER COST SAVING FEATURES AND ARE UNMATCHED FOR PERFORMANCE AND RELIABILITY. LOW MAINTENANCE REQUIREMENTS AND REDUCED RUNNING COSTS MAKE THESE MACHINES AN EXCELLENT CHOICE TO PROVIDE YOU WITH THE NEXT STEP IN EFFICIENCY AND PRODUCTIVITY.

## KCF & KCFG CARTON FORMERS

- SIMPLE HARMONIC MOTION MAIN DRIVE MECHANISM
- SPEEDS UP TO 60 STROKES PER MINUTE
- MULTI HEAD OPTIONS CAN REACH SPEEDS UP TO 200 CARTONS PER MINUTE
- HOT MELT GLUE OR CORNER LOCK TOOLING AVAILABLE
- SIMPLE LOW MAINTENANCE DESIGN FEATURES
- ENERGY SAVING DESIGN
- ROBUST ONE PIECE CHASSIS FRAME CONSTRUCTION



## KCCR & KCCS CARTON CLOSERS

- MULTI-AXIS DRIVE SYSTEM TO MINIMIZE COMPONENTS
- FLIGHTLESS CARTON CONTROL KEEP CARTON SQUARE
- FLEXIBLE OVER HEAD CONVEYOR TO HANDLE OVER SIZED CARTONS
- SPEEDS UP TO 200 CARTONS PER MINUTE
- RIGHT ANGLED AND IN LINE VERSIONS AVAILABLE
- HOT MELT GLUE LINE CONTROL THROUGH TOUCH SCREEN HMI
- SIMPLE, QUICK SIZE CHANGING USING DIGITAL INDICATORS
- SIMPLE LOW MAINTENANCE DESIGN FEATURES
- ENERGY SAVING DESIGN
- ROBUST ONE PIECE CHASSIS FRAME CONSTRUCTION



## CUSTOM EQUIPMENT



**KCLF**  
**KEYMAC CRASH LOCK FORMER**

- PRODUCT HANDLING AND LOADING SYSTEMS
- ROBOTIC PICK AND PLACE
- CASCADE IN-FEED LOADING SYSTEMS
- DIVERGING CONVEYOR UNITS
- TRAY DENESTERS
- FOIL LIDDING AND CRIMPING
- AUTO BOTTOM CARTON FORMERS
- SPECIAL CARTON CLOSERS
- CONVEYORS AND TABLES
- CUSTOM WORK STATIONS
- PRODUCT COLLATION SYSTEMS
- CUSTOM IN-FEED SYSTEMS
- CASE PACKING EQUIPMENT

## SERVICES

- SITE INSTALLATION AND TRAINING
- MACHINE SERVICE AND REPAIRS
- SPARE PARTS
- PROJECT PLANNING AND DEVELOPMENT
- CUSTOM DESIGN AND DEVELOPMENT
- PACKAGING AND PRODUCT DESIGN



**KRT**  
**KEYMAC ROTARY TABLE**



**KG**  
**KEYMAC CONVEYOR**

## KEYMAC USA LLC

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● MACHINE MANUFACTURE

● DISTRIBUTOR / SERVICE

## THE DIRECTORS:

### MICHAEL BRADLEY

MICHAEL FOUNDED KEYMAC PACKAGING SYSTEMS IN ENGLAND IN 2005 AND THEN OPENED A SECOND MANUFACTURING FACILITY IN CHARLOTTE, NORTH CAROLINA IN 2010. HE CONTINUES TO EXPAND AND DEVELOP BOTH LOCATIONS TO SUPPLY MARKETS AROUND THE WORLD.

MICHAEL BEGAN HIS CAREER AS AN ENGINEER IN BRISTOL DEVELOPING CARTONING MACHINES WHICH ARE STILL SUPPLIED TODAY.

### ALBERT BRADLEY

ALBERT STARTED HIS CAREER AT THE AGE OF SIXTEEN IN THE PACKAGING INDUSTRY WITH THE DICKINSON ROBINSON GROUP (DRG) BEFORE SETTING UP HIS OWN PACKAGING MACHINERY COMPANY IN 1969. WITH THIS COMPANY HE PATENTED CONCEPTS AND SYSTEMS THAT HAVE CHANGED AND INFLUENCED THE PACKAGING MACHINERY INDUSTRY WORLDWIDE.



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