

Lewis M. Carter Manufacturing Company, Inc.
Post Office Box 428
615 Highway 84 West
Donalsonville, GA 39845

229-524-2197
1-800-332-8232
www.lmcarter.com



MANUFACTURING

Donalsonville, Georgia

LMC equipment is crafted with our clients in mind. During the R&D process, our engineers spend a great deal of time learning the industries we are building for, as well as the task at hand. From that investment, our engineers, craftsmen and production teams work producing equipment that does more than solve problems; it helps companies succeed. It's a simple concept that we feel is often overlooked these days—if our customers are successful, so are we.

With our equipment, every machine is special. Not only do we have variety, we have the ability to customize to exact specifications and applications.

LMC's Research and Development Team possesses a unique, keen insight into today's food and recycling industries. Our engineers work with state-of-the-art computer systems to design, analyze and implement efficient production systems. You can rely on LMC as a strong process resource in today's competitive environment. Call us at 800-332-8232 today to schedule a visit with one of our experienced team members.

You see, we own the product before you do and build it as though we are building it for ourselves.

John Kennamore
Quality Manager

ASPIRATORS

LMC Aspirators are designed for product separation by density and aerodynamic profile. Multiple configurations are available to provide optimum performance for your specific needs. Applications for LMC aspirators include agricultural products, chemicals and wood products.

- 14 gauge bolted carbon steel construction
- In-feed sides 7 gauge carbon steel
- Vernier controlled air bleed
- Analog monitoring package
- Magnehelic gauge 0-10" S.P.W.G.
- Rack and pinion in-feed gate
- Outfall tanks with airlock or auger discharge
- Vibratory in-feed pan
- Stainless steel construction available



CLEANERS

LMC Cleaners are designed to handle a high production rate with great efficiency and effectiveness. LMC offers three types of cleaners to maximize performance and flexibility to suit your needs. All three LMC designs are precision cleaners with counterbalanced decks. The three types of cleaners we offer are listed below with their corresponding characteristics.

Hi-Capacity Air Gap Cleaner

- High capacity for precleaning, moving rocks, dirt balls, sand, sticks and/or loose field meats
- Optional two stage aspiration
- Multiple widths and lengths for varying capacities

Farmers Stock Cleaner

- Stainless product contacts available
- Internal stoner
- Multiple widths and lengths

Commodity Cleaner

- Aspirator for removing light trash, skins, husks, farm material, etc.
- Sifting and scalping screens (stainless and mild steel)
- Quick-change screens with ball-tray cleaning system
- Custom discharge and screening options



CONVEYORS

The LMC Conveyors exhibit the versatility and LMC's ability to customize LMC equipment. The varieties of pan and screen options we offer allow us to design a conveying system to fit your situation. Choose between mild steel or stainless steel to fit your needs. LMC offers three different types of conveyors.

Vibratory Conveyors

- Multiple pan configurations
- Reverse flow
- Bolted construction available to allow installation into smaller limited spaces
- Screening available with ball-tray cleaning
- Sanitary design
- Stainless contacts available
- Counterbalanced for minimal vibration
- Multiple widths and lengths

Trough and Idler Belt Conveyor

- Build to length
- Optional service platforms
- Manual and motorized trippers available

Slider Trough Belt Conveyors

- Build to length
- Stainless contacts available



STONERS

Originally, this machine was designed to remove stones from food products. With exceptional improvements, the LMC Roca Stoners today will remove the heaviest and most dense foreign materials from dry, flowable products. Glass, metals, as well as stones and dirt balls, are prime examples of everyday contamination that the Roca efficiently removes from the commodity.

- Simple operation
- Stainless contacts available
- Optional dust hood
- Six models available
- High efficiency internal fan for better product fluidization
- Counterbalanced design
- Rippled screen deck design for a more distinct separation



ELEVATORS

LMC Elevators are typical of the innovative nature valued by LMC. By taking a proven reliable design and upgrading its performance, LMC has created a standard of improvement. LMC strives to provide our customers with a high performance elevator, at an economical price.

Easy Dump Elevators

- Gentle discharge of product
- Chain/bucket design
- Boot clean-out doors
- Bolted legging (saves on freight)
- Stainless contacts available

Belt Elevators

- Lagged head pulleys and slatted boot pulleys
- High capacity units



GRAVITY SEPARATORS

The LMC Marc Gravity Separators are the latest LMC gravity series which were originally produced in 1941. The Marc is the leader in making fine, definite separations. The Marc's counterbalanced construction, low noise, and ease of operation have put it at the top of all gravity separators. It is the only gravity separator with an automatic discharge system.

Anywhere there is a need to remove less dense contaminants from a product, the Marc is the machine you need.

- Simple operation
- Variable frequency drives on eccentric and bottom fan motors
- Optional dust hood
- Stainless contacts available
- Counterbalanced construction
- Automatic discharge senses product depth and adjusts a discharge gate to maintain consistent bed depth and product separation
- Rippled screen deck design for a more distinct separation



HARD SHELL CRACKERS

The LMC Hard Shell Cracker was originally developed to condition hard shell almond varieties before shelling. The concept is counter rotating, corrugated rolls. The gap between the rolls is easily adjustable to the proper opening which conditions the almonds before shelling.

The LMC Hard Shell Cracker has also found a home in the peanut industry. It is used to remove the peanut meats from pops and raisins that accumulate at the bottom end of the peanut shelling process. It does not break the sticks found in this circuit, but rather flattens these sticks so they can be easily removed from the circuit. This process is self cleaning.

- Corrugated Rockwell 54 iron hard rolls
- Sizes available for various capacities
- Optional Vibratory Feeder Pan



PEANUT BLANCHERS

The LMC Blancher system has two separate and distinct machines to efficiently remove redskins from peanuts. The LMC Whole Nut Blancher is designed to remove redskins from whole kernel peanuts with minimal damage. The machine is engineered for ease of operation, maintenance, and sanitation.

Along with removing redskins, the LMC Split Nut Blancher is designed to blanch splits and to split and blanch whole kernels. The LMC Split Nut Blancher is the most popular split nut blancher used when making peanut butter. Built for reliability and performance, the LMC Split Nut Blancher also offers ease of access for proper sanitation.

Whole Nut Blanchers

- Quick change blanching rollers
- Variable frequency drive
- Adjustable bed tilt

Split Nut Blanchers

- Variable frequency drives
- Two models available
- 10,000 lbs/hr
- 20,000 lbs/hr



PEANUT SHELLERS

The LMC Peanut Sheller is designed to shell peanuts with high efficiency, high capacity and minimum split creation. The entire commercial peanut crop in the United States is shelled on the LMC Peanut Sheller.

The LMC Peanut Sheller is designed with ease of operation and low maintenance in mind. The shelling grates, or concaves, are easy to change out and can be sharpened as they become dull with wear. This quick change feature allows the operator to easily vary shelling grates as the size of the peanuts change. Directly driven by its motor and gear reducer, the shelling cylinder has the ability to start under a load.

There are three hardened shelling bars in each cylinder. The machine will process Runner, Spanish and/or Virginia varieties.

Units available from 1-1/2 tons/hr to 9 tons/hr. Each unit contains

- Sheller cylinders
- Sheller shaker pan
- Hull aspiration
- Two deck screening shaker
- Gravity separator
- Quick change Sheller grates are available in various sizes.



PREHULLERS

The LMC Prehuller can be used in an almond precleaner application or inside the hulling plant. Hulls are removed from the almonds leaving the shell and meat as one unit which continues to the hulling and shelling plant for further processing. 10% to 25% of hulls can be removed on certain varieties of almonds.

Features

- Belt drive can be fixed speed (RPM's) or variable speed (RPM's)
- Three sizes of quick-change grates
- Aspiration

Model 24 - 15 tons
Model 48 - 25 tons
Model 72 - 50 tons

Model numbers pertain to the width of the prehuller and capacities refer to the number of input, in-hull almond tons per hr.



SHEAR ROLLS

The LMC Shear Roll is primarily used to shell almonds. The nuts are shelled using a shearing action created by a large diameter roller and a belt operating at a surface speed differential. The shearing lane is easily adjustable to maximize shelling while minimizing chipping and breaking.

The LMC Shear Roll is the most popular shear roll used in California, the world's leading almond producer. Like all LMC equipment it is designed and manufactured to operate at maximum efficiency with ease of operation and quality sanitation.

- Endless belt design
- 55 durometer rubber shearing roll
- Dual independent drive motors for belt and rubber roll
- Shell product sampler with sample tray
- Precision shell aspirator



SIZING SHAKERS

LMC Sizing Shakers are used to separate dry, flowable products by a specific size. LMC Shakers have quick change screen sections, multiple spouting configurations and heavy duty ball cleaning trays. Screening options are customizable to fit every need. All Shakers are counter balanced, which allows for smooth operation and long life.

- Single deck
- Parallel deck
- Reverse flow deck
- Double flow deck
- Stick removal units available
- Shaker/aspirator combinations available
- Quick change screens
- Various widths available (24", 36", 48", 60", 72", and 84")
- Various lengths available
- Stainless steel contacts available



ADDITIONAL EQUIPMENT

LMC produces a full line of support equipment which enhances our system designs.

Air Locks

- Flexible tips
- Stainless construction available

Random Fans

- Material handling fans
- Efficient backward inclined centrifugal fans

Inspection / Picking Tables

- Widths from 18" to 48"
- Lengths from 4'-0" to 20'-0"
- Stainless contacts available

Roll Feeders

Various models available for different products

- Farmers stock peanuts
- In-shell almonds
- Seed and grain

Stemmers

- Removes peanut stems for in-shell roasting



LMC was built on problem solving and bringing emerging technology to bear on the food and agricultural industries. We're always looking for a new challenge, the next innovation or a new problem to solve.

Our customers know LMC is here to help them solve problems, and make improvements to their systems – no matter where they are or when they call. We travel the globe to help customers get systems up and running. You'll find our customer service hard to beat.

Lewis Carter
Owner

delivering for decades

Throughout the years, the Carter family has built equipment ranging from peanut shellers for Georgia farmers to bow hooks for the Navy during World War II. At the root of it all remains the consistent mechanical innovations which have helped numerous industries operate smarter and more efficiently.

H.M. CARTER MFG COMPANY
HOME OF THE FAMOUS "CARTER" PEANUT SHELLERS



hand crafted time tested

Every day more businesses are searching for ways to increase yield, decrease expenses, and market smarter. LMC understands those needs. With over 70 years experience in designing and manufacturing processing equipment for the food industry, like our customers, Lewis M. Carter Manufacturing has seen many economic storms. We possess a unique keen insight into today's food and recyclable industry. Within the walls of our 200,000 square foot facility, our capabilities extend far beyond a typical fabrication shop. As a leader in producing World Class Machinery, LMC offers solutions tailored to not only your specific industry, but also to your specific company.

LMC's focus on the process application separates it from other manufacturers. This focus drives us to understand the process and design applications with specific purposes. LMC equipment is custom built for the required process whether for a food product or recyclable material and is adaptable for a variety of commodities.



commitment to quality

LMC works closely with us to custom design the equipment and the installation specifically for our needs. We know when LMC builds it or installs it, we've got quality. And that gives us peace of mind especially during our busy production time.

Terry Shamblin, President
American Peanut Growers



going above and beyond

At LMC, the heart of our business is ownership and that ownership is valued by every LMC employee. From the precise laser cutting of sheet metal to the meticulous paint touchup, our products are seen by eyes and touched by hands in every area to ensure the highest quality control. Each machine must pass through a minimum of 50 Quality Checkpoints prior to shipment. These checkpoints include state-of-the-art computerized analysis, along with inspections by highly trained quality control specialists.

It's a simple concept that we feel is often overlooked these days – if our customers are successful, so are we.

*David Sandlin,
Sales and Service
Representative*

Our employees are engineers, technicians, and craftsmen who take pride in their work and have respect for yours. LMC can guarantee your equipment is in good hands from the blueprint to delivery.

LMC uses two-inch rubber balls to create the perfect amount of vibration for the separation process.



Coffee beans represent one of the many industries LMC serves. Our team adapts the equipment to fit the specific application for the product.

many people one goal

We want you to know that we understand the viewpoints of the diverse industries we serve. Clients are requiring commodities such as peanuts and almonds, and even recyclable goods to be cleaned and graded more efficiently than ever. Our team of engineers and representatives make it a point to research each client's unique manufacturing and processing situation so as to offer custom designed recommendations and solutions.



manufacturers of solutions

Over the many years we've known LMC, they've proven to be the kind of people we can depend on. Their equipment is first rate and their customer service is outstanding.

Tommy Jumper, Vice President
Seed Strategy and Manufacturing
Jimmy Sanders, Inc.

Although the nature of our business requires LMC to constantly think of new manufacturing and processing options, one LMC characteristic stays the same: our down-to-earth dedication to customer service. From the largest food manufacturers in the world to the local shelling plant, we are here to help.