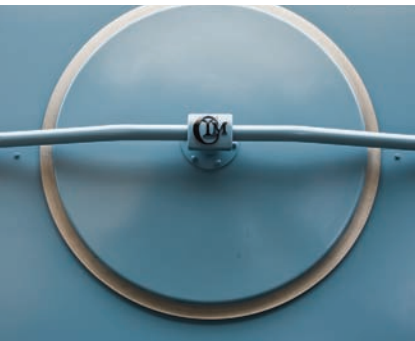




# CONSOLIDATED LAUNDRY MACHINERY



**Consolidated Laundry Machinery is the industry leader for heavy-duty industrial laundry dryers. CLM's reliable and durable dryers provide high-end productivity and efficiency to help you make money over many years of operation.**

#### **HIGH PRODUCTIVITY**

High productivity means more dried goods per year. It may also mean your business requires fewer dryers to do the same work than competitors' models. Labor savings along with less overtime deliver more dollars to your bottom line.

#### **HIGH EFFICIENCY**

High efficiency means lower fuel costs. CLM's efficient and powerful burners, along with precise control over the heat system, make for low fuel usage. Total fuel saved per load over a year adds up to significant savings.

#### **INDUSTRIAL STRENGTH**

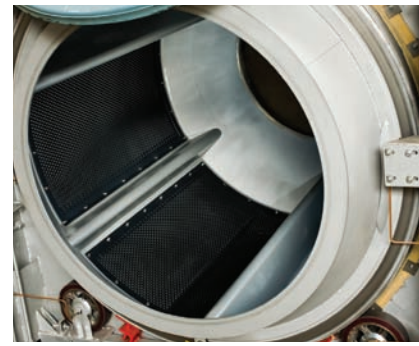
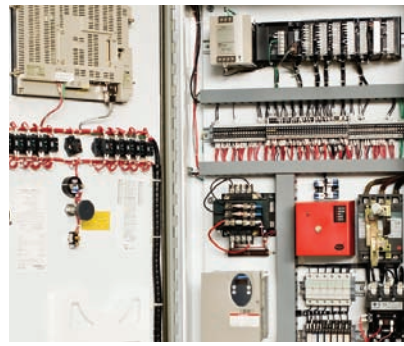
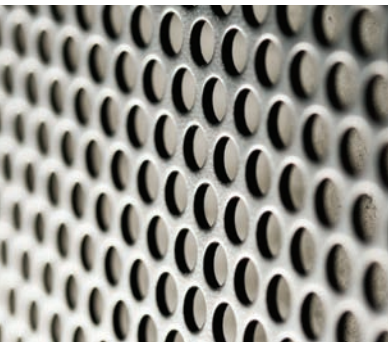
While many competitive brands increased the size of their light gauge commercial machines to enter the industrial market, all CLM dryers are built with high strength materials and components to handle the stresses of industrial laundry processing. While commercial grade machinery may last 5-7 years, CLM's equipment is built to last 2-3 times longer.

#### **SIMPLICITY OF OPERATION & MAINTENANCE**

Your employees will love the CLM dryer. It is simple to operate, maintain and service. From our user-friendly control to the easy access to components, CLM dryers are user-friendly machines.

#### **SUPERIOR CUSTOMER SUPPORT**

From the day you first contact CLM, you will be working with professional, dryer-focused staff with the knowledge and experience required to assist you. We take tremendous pride in our customer support.



## CLM DRYERS MAKE YOUR BUSINESS MORE EFFICIENT AND COST-EFFECTIVE

### DAMAGE-FREE PROCESSING

When you first see a CLM dryer, you'll notice the unique product-safe rotating door. This important feature helps to eliminate the material damage that can occur when moving products meet a stationary door. The round door seals to the basket and rotates with it to provide a fully enclosed drying environment. This feature saves our customers countless dollars in replacement costs.

### BASKET DESIGN FOR LONG LIFE & TO PREVENT DAMAGE

Our heavy duty drying basket is manufactured for long life. Round perforations help to prevent snags and damage to buttons and zippers. The lifting ribs are tall enough to provide proper material drop, but not so tall as to cause unwanted abuse to the drying products.

CLM offers two important features to help prevent plastics from covering the basket periphery:

**Automatic Plastic Release**, which adds brushes that push against the outer basket after each cycle to brush away plastics that bubble outward through the perforations.

**Removable Ceramic Coated Panels.** These basket panels can be removed for ease in cleaning. Extra panels can be purchased to limit down time – just pop out the dirty panel and pop in the clean panel. This feature is enhanced by adding ceramic coating, which keeps plastics from sticking. It also assists with the cleaning process. Ceramic coatings do not wear as quickly as the Teflon® coatings used on competitive models.

### LARGE BASKET SIZE = MORE EFFICIENT DRYING

Larger basket volume and diameter are important to allow air access to the falling goods as they tumble, and CLM dryers have the advantage. Our dryers are designed with ample basket volumes and large diameters for the best air-to-goods access and longest material drop possible.

### AIR HEATING SYSTEM MAXIMIZES FUEL USE

Hot air holds more moisture than cool air, so it's critical for laundry dryers to efficiently heat air and maintain temperature set points. CLM dryers heat the air using an exclusive Full Flame Spectrum Modulating Burner System. Fuel use is regulated similar to the cruise control on an automobile. Precise adjustments are made so fuel use is limited. Fine tuning is used to increase or decrease temperatures. For delicate items, our standard inlet temperature control guards against excessive temperatures that can damage fabrics.

### FASTER, MORE EVEN DRYING

Airflow is generated from the CLM high volume exhaust blower. All blowers are equipped with an automatic blow-down to clean the blower wheel from debris for each drying cycle. A comprehensive flow of air into the goods is handled by our CrossAxis airflow method. With CrossAxis, the air enters the load in a jet stream that extends from the top front to the top rear of the dryer—not from just 1 or 2 points at the top. Hot air penetrates the goods as they tumble through a flow that moves from the top down. The hot air becomes fully saturated with moisture as it moves through the goods and out through the exhaust.

### DEPENDABLE LINT REMOVAL

Lint is collected after the blower and not before it, since our heavy duty blower wheel will not come apart from lint and debris creating an out of balance condition – something that some lower quality brands have experienced. Our automatic blower cleaning system further adds to the dependability of this function. The CLM "LT" lint trap is an option that can be added to remove lint quickly and easily. This dry type collector is stainless steel and includes its own fire protection system and an air reservoir for lint blow-down—saving pressure in the air lines of the rest of the plant. Lint is blown down from a stainless screen after each drying cycle, and the lint collects in an easily replaceable bag at the bottom.

### MULTI-FUNCTION CONTROLS

Heating, basket rotation, airflow and formula setup and implementation are controlled with accuracy by our field-proven MicroCommand III PLC. This modern industrial dryer control has a color, touch screen display. Ninety six user programmable formulas are available for you to "command" control over all aspects of dryer operation. Program it for standard full dry, conditioning, automatic full dry or automatic drying to a predetermined moisture level. Our inlet/outlet temperature algorithm helps take the guesswork out of heat cycle termination.

The MicroCommand III can also be programmed for optional automatic load and unload or for full automation with our industrial shuttles. It is self-diagnostic and instantly reports mechanical problems and any excessive down time. Basket rotation features are also controlled through the use of our component saving soft-start option and variable speed drive system that help the user determine the best material drop for each product (not available on all models).

### LONG-LIFE BASKET DRIVE

Basket drive is handled through a main belt system that turns and reverses the basket. Constant tension is maintained to the belts through use of a self adjusting variable tension device. This unique drive system allows the basket support rollers to be located outside of the heated area for long life and easy access.

### WHAT IT ALL MEANS TO YOU

All of these dryer features and options are geared toward what you need in an industrial dryer, high-end performance, long life and ease of operation and maintenance. With the purchase of a Consolidated Dryer, you will receive a machine that you can count on. At CLM, we take pride in our equipment and we stand behind it. Our products and services are second to none and our first responsibility is to you, our valued customer.



# Tumble Green™

## NEW LOW NO<sub>x</sub> FEATURE CUTS EMISSIONS

When you have a top-shelf performer with high-end productivity and efficiency, what else can you offer to your customers to further enhance your equipment? For CLM, it's the new Tumble Green™ dryer series.

The Tumble Green series is CLM's newest addition to the product line. Available in the same sizes as CLM's standard gas-heated dryers, Tumble Green incorporates a Low NO<sub>x</sub> burner as standard equipment, making these dryers highly efficient, while generating low emissions. Because these dryers proudly wear the Tumble Green logo, your commitment to the environment is visible to visiting customers and to local regulatory agencies.

### TWO-STAGE VARIABLE SPEED BASKET DRIVE

Tumble Green's component-saving basket drive with soft-start is updated to give full variable speed control to basket rotation. This standard feature on our Tumble Green models allows users to adjust the basket speed to obtain the correct material drop through the basket center.

Lighter goods tend to rotate over the top, while heavy products tend to roll over at the bottom. In either case, the air has less of a chance to penetrate the goods. A slightly lower basket speed may be necessary for lighter goods, while a quicker speed may work best for heavy products.

After the bulk of the moisture is removed, the formula allows a second change in speed. This second step enables the user to make an adjustment to slow the basket, since goods with less moisture are lighter and may tend to cling to the basket top, instead of dropping when they should. To view the material drop, a unique door glass design allows for material drop inspection.

### TUMBLE GREEN SERIES 165TG— A COMPACT FOOTPRINT

When designing the new 165TG, our 450lb. capacity gas model, we wanted to maintain the best qualities of our CLM dryers, add important features and make installation and dryer replacement as simple as possible.

The 165TG is the perfect size for replacing your existing older dryer models. When comparing to the discontinued Challenge CPG400 model, the 165TG advantages are many, and our new footprint is virtually identical.

### CONVENIENT REAR EXHAUST LOCATION

The exhaust ducting is conveniently located in the rear of the machine, giving two options for locating a lint collector – alongside the machine or to the rear.

The side lint collector option puts the discharge in the approximate location as that of the CPG400 with lint trap. Save even more width by hanging the collector to the rear or ordering a floor mount version and installing it further away, where space is more readily available.

### OUTSIDE AIR MAKE-UP

The new Tumble Green design includes full ducting around the burner area for a simple inlet connection to obtain air from outside of the building. This ducting is wholly insulated with our new "Ener-Clad" insulation for a high-level reduction in sound and ambient heat.

"EnerClad" includes a heavy layer of a special woven insulation wrapped with a vapor barrier that has zero permeability. This combination cuts out both low and high frequency sounds while reducing radiant heat levels.

### TUMBLE GREEN, RAISING EXPECTATIONS

The new Tumble Green dryer series from CLM... It's what you should expect from a manufacturer with 100% focus on industrial laundry dryers. Contact CLM or your local CLM distributor for more details.





## CLM DRYERS

Model	Capacity LB's	Basket Dia.	Blower Motor HP	Basket Motor HP	Burner Motor HP	Burner Rating Mil. BTU/hr	Tilt Angle Degrees	Door Dia" std/opt	Soft Start	Variable Speed Basket	Outside Air Makeup	Lint Col Outlet"
105GP	250	65	10	3	1/3	1.5	18	42/48	Option	Option	Option	24
105SP	250	65	10	3			18	42/48	Option	Option	Option	24
105TG	250	65	10	3	3	2.5	20	42/48	Std	Std	Std	24
140GP	350	65	15	5	3/4	1.95	18	42/48	Option	Option	Option	24
140SP	350	65	15	5			18	42/48	Option	Option	Option	24
140TG	350	65	15	5	3	2.5	20	42/48	Std	Std	Std	24
165GP	450	70	15	5	3/4	2.5	20	48	Option	Option	Option	24
165SP	450	70	15	5			20	48	Option	Option	Option	24
165TG	450	70	15	5	3	2.5	20	48	Std	Std	Std	24
194GP	600	79	25	5	3/4	2.7	15	48/60	Option	Option	Option	26
194SP	600	79	25	5			15	48/60	Option	Option	Option	26
194TG	600	79	25	5	3	2.5	20	48/60	Std	Std	Std	26
264GP	800	79	25	7.5	3/4	2.7	15	48/60	Option	Option	Option	26
264SP	800	79	25	7.5			15	48/60	Option	Option	Option	26
264TG	800	79	25	7.5	3	2.5	20	48/60	Std	Std	Std	26
321GP	1200	85	30	15	3/4	3.5	15	60	Option	Option	Option	30

**TUMBLE GREEN** includes Low NOX Burner + "Tumble Green" Badging



**CONSOLIDATED  
LAUNDRY MACHINERY**

### CONSOLIDATED LAUNDRY EQUIPMENT

Contact your local distributor or  
Dave Smith, Director of Sales  
(940) 447-7710 | Dave@clmco.com

### CONSOLIDATED LAUNDRY MACHINERY

1151 East 29th St., Los Angeles, CA 90011  
T: (323) 232-2417 | F: (323) 231-8312  
[www.clmco.com](http://www.clmco.com)

### ABOUT CONSOLIDATED LAUNDRY MACHINERY

CLM has focused on building high-quality, durable dryers since its founding in 1983. Known for providing heavy-duty, high-efficiency and high-productivity equipment, CLM has introduced a green line of dryers with advanced Low NOx technology called Tumble Green®.

CLM's customers are located worldwide and range from apparel manufacturers and industrial launderers to hotels, hospitals and other institution types.

The Company cements its high-quality reputation by dependably providing ongoing parts and responsive service support for its products regardless of age.

CLM's corporate offices and manufacturing are located in Los Angeles, California; making CLM the only U.S. dryer manufacturer dedicated 100% to manufacturing industrial grade laundry tumblers.