





# **Scratch Biscuits Execution Manual**



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This Guide contains procedures and policies that affect the job, compensation, and performance of McDonald's employees.

McOpCo EMPLOYEES should consider the information in this Guide as company policy.

LICENSEES set their own employment-related policies. LICENSEES may choose the information that will be helpful to them in operating their own McDonald's restaurant.

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# **Contacts**

Department	Contact name	Contact number
Operations	Deployment Manager	Region
Operations Resource Center		866-ORC-4MCD
Media Assistance Program		630-623-3400
Supply Chain	Regional Supply Chain	

# **Benefits**

Your region or Co-Op is serving Scratch Biscuits. This decision has been made for various reasons, as it may have been a decision to compete with other QSR's that serve scratch biscuits and/or you believe that the scratch biscuit is the biscuit that your customer prefers. Restaurants that serve scratch biscuits are passionate about their biscuits, which is all the more reason that a focus needs to be placed on the proper equipment and procedures for making scratch biscuits.

All sensory work has been performed using the standard equipment and procedures. The equipment was reviewed to ensure that it reflects the best biscuit for all of our scratch biscuit restaurants. With requirements in menu board labeling, and nutritional information on the website, it's important for all restaurants to be selling a consistent scratch biscuits. Regions will institute a DC restriction so that restaurants that are making scratch biscuits cannot order the McDonald's frozen biscuit. If you are committed to scratch biscuits then restaurants will need to serve scratch biscuits at all times and not disappoint any customers.

Your region will be putting a focus on proper equipment and procedures. Once your restaurant has been certified by the region that gold standard biscuits are being made and served, you will be able to move to the extended dough hold procedures. This extended dough hold time will be a change to the refrigerated time from 90 minutes to 6 hours. Getting to the 6 hour dough hold will help your restaurants execute scratch biscuit all day long, optimizing product quality and minimizing waste. With the longer refrigerated dough holding time, the room temperature hold time for baked biscuits will change from 4 hours to 2 hours.









# **Key Points**

#### What's new?

There are a few procedure changes:

- The refrigerated time for scratch biscuits will be increased to 6 hours
- The room temperature holding procedures will be decreased to 2 hours

#### Equipment

- There is no new equipment, however you will need to ensure that the correct equipment is being used and all incorrect equipment has been removed from the restaurant
- Please see the equipment order form for scratch biscuit in equipment section
- Updates to oven bake times and dough mixers
- New over shelf for organizing the breakfast Q table

### **Training Materials:**

- SOC
- Station Guides
- Video available on your regions website

### Where do I go for more information?

- NABIT Website
- Region Website
- ORC
- Nutrition information can be found on AccessMcD







# **Gold Standard**

# **Gold Standard Quality Descriptions**

# Bacon, Egg & Cheese

A balanced blend of tender, fresh baked buttermilk biscuit which consists of well blended flavors of buttermilk, butter, flour, salt, soda with a moist fluffy egg, creamy mild cheddar cheese flavor and Thick Cut Applewood Smoked Bacon

# Sausage Biscuit with Egg

A balanced blend of tender, fresh baked buttermilk biscuit which consists of well blended flavors of buttermilk, butter, flour, salt, soda with a moist fluffy egg, and spicy/sage pork flavor with a slight sweetness and saltiness



# **Appearance:**

- Externally medium golden brown with slight lighter hues
- Top appearance pebbly slight rough appearance
- Round shape, size 1 ¼" 1 ¾" tall, 3 ¼" diameter
- Interior color creamy white

# **Temperature/Texture:**

- Biscuit is hot
- Holds together as a sandwich, slightly crumbly interior texture
- Exterior top & bottom is slightly crisp with tender/moist, but not gummy internal texture
- Interior texture tender, light and fluffy

## Taste:

- Flavor is fresh baked dough, well blended flavor of buttermilk, flour, salt, and soda
- Butter flavor on crown
- Pleasant aftertaste







# **Product Information**

	Product Information								
Wrin#	Product Name	Case Count	Inner case pack	Yield	Primary Storage	Primary Shelf Life	Secondary Shelf Life Refrigerated	Secondary Shelf life Room temp	Stacking Height
00182- 015	Biscuit Mix Dusting Flour	34 lbs.	15-2.29 lbs. 1-2.5 lbs.	15/bag 225/case	Refrigerated	90 days	34°F - 40°F	UHC - 30 minutes Room temp hold i2 hours	10/5
00457- 039	Cultured Low Fat Cultured Buttermilk	2.5 gallon bag	2		Refrigerated	14 days	34°F - 40°F		10/5
12197- 000	Stick Butter	36 lbs.	144 sticks 576 oz.		Refrigerated	150 days	34°F - 40°F	4 hours	15/4
01823- 000	Biscuit Holding Bag	1000			Dry	365 days	Dry Storage	Multiple uses in 4 hours	N/A







# **Equipment**

# **Equipment Requirements:**

- QuicKlean Mitt
- Red Silicone Brush
- 3 ¼ Biscuit Cutter
- White Bowl Scraper
- Wide Biscuit Separator
- White Apron
- Buttermilk Measuring Pitcher
- Wooden Handle Dough Scraper
- Bakers Board 24"x24"x ½"

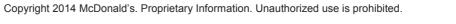
- 20 Qt Stainless Steel Mixing Bowl
- 6 Qt Round Storage Container w Lid
- ½ Size Bake Pan
- 6 ½ Inch White Handle Spatula
- ½" Guide Rolling Pin
- 1/6 Size Food Pan
- Flour Sifter
- Bulk Milk Baskets
- Dough Mixer Optional

# **Programming Ovens and Qing Ovens:**

Product	Equipment Type	Number of Orders	Choose Button	Bake Time	Temper- ature settings	No. of Trays	Shelf Position	Full run size
Scratch Biscuits	Wells M 4200-4 Flex Oven	6 9 Full tray 2 Trays 3 Trays	4- Partial Biscuit 1- Full Biscuit  1-Full Biscuit	9:30 9:30 11:30 11:30	375	1 1 1 2	Middle – 5 Middle – 5 Middle – 5 Top & Bottom – 2 & 8 Top, Middle & Bottom – 2, 5,	3 trays max
	Garland Flex Oven	6 9 Full tray 2 Trays 3 Trays	4- Partial Biscuit 1- Full Biscuit  1-Full Biscuit	9:00 9:00 11:30 11:30	375	1 1 1 2	Middle – 5 Middle – 5 Middle – 5 Top & Bottom – 8 & 2 Top, Middle & Bottom – 8, 5,	3 trays max
	Wells Older Non Flex Oven	6 9 Full tray 2 Trays 3 Trays	Stand- alone timers required Oven timer	9:30 9:30 11:30 12:30	375	1 1 1 2	Middle – 5 Middle – 5 Middle – 5 Top & Bottom – 2 & 8 Top, Middle & Bottom – 2, 5,	3 trays max

Qing times—Scratch Biscuits (All Day Breakfast only) - NO UHC HOLD FOR BISCUITS after Qing							
Power/ code	full	Number	Qing				
code	run	Of	time				
	size	orders					
High/44	1	1	:07				
	2	2	:11				









# **Dough Mixers - Optional**

bough mixers - options	Tool	Sett	ings
Univex	P Knife	Old Settings Speed Time Low – 45 seconds preset	No Change Speed Time Low - 45 seconds Preset
Varimixer	Paddle	Old Settings Speed Time Lowest 40 seconds setting	New Settings Speed Time Speed 1 25 seconds
Total Control of the	Paddle	Old Settings Speed Time Lowest 45 seconds setting	New Settings Speed Time Lowest 30 seconds speed
Hobart			







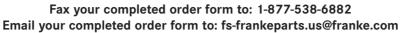
# FRANKE

Smyrna, TN 37167

Franke Foodservice Supply 800 Aviation Parkway

# **Scratch Biscuit Order Form**

Call us today at: 1-800-423-5247











Item# 142914



Item# 619676



Item# 461847





Item# 142308



Item# 461842



Item# 613928-1

Item# 146062



Item# 831034



Item# 461829



Item# 461839







tem# 461830	Item# 2033821

Item #	Description	Suggested	Qty. Ordered	Price Each	Total
145416	Mitt, QuicKlean, 15", Puppet Style	1			\$18.13
142914	Brush, Red 2" Silicone Basting w/Hook	1			\$4.70
619676	Cutter, Biscuit 3-1/4" Round	2			\$29.60
461847	Scraper, Dough White Bowl	3			\$0.95
461889	Separator, Wide Biscuit (2 1/4 Inch)	2			\$4.45
461842	Apron, White Bib w/Pencil Pocket	1			\$5.44
146062	Pitcher, 32oz, for Buttermilk	1			\$11.12
461849	Scraper, Dough w/Wooden Handle, S/S	1			\$1.81
461829	Board, Cut-N-Carry Cutting, 24" x 24" x 1/2", White	1			\$56.04
461839	Bowl, S/S 20 Qt. Mixing	1			\$18.43
142308	Container, 6 Qt. Round Storage, White	1			\$3.08
613928-1	Pan, 1/2 Size, Bake, 12-7/8x17-13/16x1	10			\$7.77
831034	Spatula, Frosting, 6-1/2"	1			\$17.75
612345	Pin, Rolling w/1/2" Guides	1			\$159.50
205051	Pan, 1/6 Size, 4" Deep, Polypropylene Ambient Food Pan	1			\$2.22
461830	Sifter, Flour Scratch Biscuit	1			\$69.83
2033821	Baskets, Bulk Milk (Pk/2)	1			\$104.33
ite:		•		Total	

Name:	E-mail:
Ship-to Information: Nat'l Store #:	Billing Information: Same as ship-to Address:
Region:	City:
Address:	State: Zip Code:
City:	Phone #:
State: Zip Code: Phone #:	Visa/Mastercard American Express Invoice
Fax Confirmation: Yes No	Exp.Date (mm/yy):
Fax #:	
Shipping Options:	Signature:
☐Ground ☐Next Day Air ☐2nd Day Air Ship Complete: ☐Yes ☐No	Print Name:



FrankeScratchBiscuit2016.07.11\_R9P



<sup>\*</sup>Pricing subject to change.

\*\*A restocking fee will apply for returns.



# **Operations Procedures**





Butter is such an important step in Scratch Biscuit procedures so it is important that you review the procedures to ensure that softened butter is being used to get the butter taste on the biscuits. Using melted butter will not have any taste and will not be a "Gold Standard Scratch Biscuit"









Dro	naring Scratch Rig	scuits – Hand Mix Procedures
-	<del> </del>	
-	tion	Description
1.	Wash Hands	Wash hands prior to beginning and every hour. Use McD Hand Sanitizer every ½ hour and wear gloves when preparing biscuits
2.	Check product	Check to ensure you have enough biscuit mix, buttermilk, dusting flour and butter in the biscuit prep area and all products are within use thru dates
3.	Check proper equipment	Refer to the equipment list for proper equipment and verify equipment is in good condition
4.	Check for product needs	Refer to R2D2 for the amount of trays needed for day and time period as this will help your biscuit maker plan for prepping the right amount of trays of biscuits
5.	Prepare biscuit pans	Place baking liners on the pans. Use a new liner each time
6.	Add ingredients to bowl	Empty 1 bag of biscuit mix into a clean, sanitized stainless steel mixing bowl. Shake buttermilk and measure 21oz add to mix. Place buttermilk back into the cooler. Be sure to use bulk milk pour basket to hold the buttermilk
7.	Mix ingredients	Mix thoroughly with a white bowl scraper. Use a scoop "down and fold over" motion Mix completely until buttermilk is absorbed completely – approximately 40 seconds Cut through the dough with the spatula to make sure there are no dry pockets of mix
8.	Flour Baker's Board	Measure approximately 6 oz. of dusting flour, (parfait cup is a good guide) place 2/3 of the flour in the sifter for use to flour, re-flour the white baker's board, hands and rolling pin. Place remaining 1/3 of flour in the upper corner of the baker's board for use with the cutter Sift flour into a circle 12 to 18 inches in diameter on the baker's board (do not flour the dough)
9.	Place dough on board	Using the white bowl scraper, scoop out the dough and place dough on the floured section of the baker's board. To prevent sticking, lightly flour gloved hands and the surface of the dough on the bakers board
10.	Form the dough	Keeping fingers together, pat out the dough with palms of hands forming a rectangle with the dough being about 1 to 1 $\frac{1}{2}$ " thick
11.	Fold the dough	Using the wooden handle dough scraper, loosen the dough from the board by sliding the scraper around the outer edges of the dough. Starting at the top, fold the dough towards you in thirds like an envelope. Turn the dough $90^\circ$ with the crease down. Scrape the board and re-flour. Place the dough back in the center of the bakers board and lightly pat downward with fingers to a thickness of 1 to 1 $\frac{1}{2}$ " and fold into thirds again, then move the dough to the side of the bakers board. Scrape and re-flour board, place dough on the floured portion of the board. Place the scraped flour back into the flour sifter.
12.	Roll dough	Lightly flour the dough – press out the dough and form into a rectangle. Flour rolling pin. Grasp rolling pin handles with an "underhand" grip. Start in the middle of the dough and gently roll forward. Start in the middle of the dough and roll towards you. Continue this gentle rolling until the dough sheet is the thickness of the wheel guides on the rolling pin. Be sure not to pull or push roller from one end of the dough to the other. Pushing on the dough will cause the biscuit to crack on top and fall apart as a sandwich. To prevent sticking flour the rolling pin as needed.
13.	Cut biscuit dough	Cut the biscuit dough using a floured cutter. Push straight down and never twist the cutter. Re-flour cutter after every two cuts. For maximum yield, cut biscuits around the outside of the dough first, then down the center. Place cut biscuits in rows of three on the biscuit pan using the 6 $\frac{1}{2}$ inch, white handle spatula. The sides of the biscuits should touch slightly and the rows should be staggered to maximize the number of biscuits per tray.
14.	Working leftover dough	Take the leftover trimmed dough and form a ball, tucking together the seams. Lightly flour the baker's board and press out the dough to form a rectangle. Roll out the dough with under hand grip, and then cut dough formed from the trimmed dough. Leftover dough can be rolled







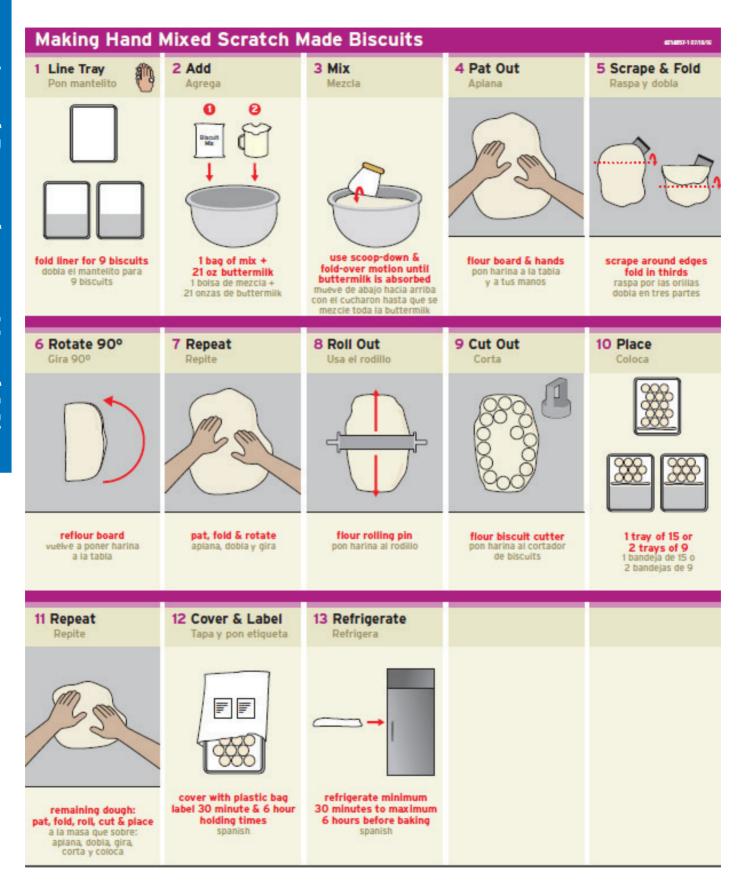
	out ONLY once. Scraps should be used to form the dough rope. When completed, place the dough rope against the last row of biscuits. Any unused dough should be discarded.
15. Store biscuit dough	Insert the tray of unbaked biscuits into a biscuit bag. Mark with two secondary shelf life stickers, 30 minutes hold prior to baking and a maximum of 6 hour hold refrigerated. Transfer tray of unbaked biscuits immediately into the cooler and position in the cooler for proper rotation - bacon racks can hold up to 5 trays. Never leave trays set out at room temperature and do not stack trays on top of each other in the refrigerator.
16. Bake biscuits	See Baking Chart on Page 7
17. Butter biscuits	Use a red silicon brush to butter biscuits. Use one dip for every three biscuits. This will give the biscuit the proper amount of butter for optimal flavor. Dab each biscuit, then swipe the brush across all three biscuits one direction then back across to achieve optimal flavor.
18. Transfer to UHC cabinet	Transfer biscuits to a 2/3 size lined UHC tray, place into the UHC cabinet and activate timer. Temperature of cabinet is 175°/175° and holding time is 30 minutes
19. Separate biscuits	Use the wide biscuit separator to "pop" open the biscuit to assemble a sandwich
20. Clean up area	Clean up prep area and sanitize surface. Wash rinse and sanitize all equipment every four hours
ROOM TEMPERATURE	PROCEDURES - ADB
Store Biscuits	Tray of baked, buttered biscuits should be placed on to the over shelf on the Breakfast Q table or on the Bacon rack near the Breakfast Q table. The tray should be marked with two stickers – 15 minute for immediate use and two hours for maximum hold time.
Q to Order	Place 1 to 2 room temperature biscuits on the flat amber biscuit tray and place in the Qing oven. Use code 44 (1 or 2) to heat the biscuit(s). When timer sounds, remove the tray and pass the tray to the assembly area.
Assemble	Assembler will build the ordered sandwich and place in the HLZ.





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# **Hand Mixed Scratch Made Biscuits**

#### **Overview**

#### Clean hands and good personal hygiene

 When working your station, wash hands for 20 seconds, rinse, and dry with paper towels. Hands should be rewashed as needed, with a minimum of once per hour. Practice good personal hygiene (e.g. do not touch hair or face) while preparing food or serving customers.



# **Making, Baking and Assembling**

#### □ Making biscuits

Make a single batch of biscuits. Do not make multiple batches at one time or the biscuits will not be of the desired quality.

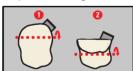
- 1 Determine the number of baking trays and the number of biscuits needed.
- 2 Prepare baking tray(s). Prepare 1 tray (for 18 biscuits) with a bakeable tray liner or 2 trays (for 9 biscuits each) with bakeable tray liners folded in half. Use only bakeable tray liners, as any other type of liner could cause a fire







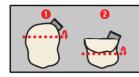
- 3 Add 1 bag of biscuit mix into a clean, sanitized mixer bowl. Add the ingredients in the order indicated, the order is critical to quality.
- 4 Add 21 ounces of buttermilk into the bowl.
- **5** Use the dough scraper and a scoop-down and fold-over motion to mix the ingredients until the buttermilk is absorbed.
- 6 Flour the baker's board, then scoop the dough onto the floured board.
- 7 Flour hands. Pat out dough using your hands, keeping your fingers together. Dough should be patted out until it is an even 1 inch thick.
- 8 Scrape under the edges of the dough and fold over the top third. Scrape under the edges and fold over the second third.



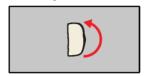
**9** Scrape under the dough and pull it off the board. Reflour the board. Place the dough back on the board, rotating it 90°.



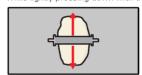
- 10 Pat out dough a second time until it is an even 1 inch thick
- 11 Scrape under the edges and fold the dough in thirds again.



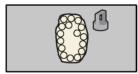
12 Pull the dough off the board, reflour the board and rotate the dough 90°.



13 Add 1/2-inch roller guides and flour the rolling pin. Roll out the dough while lightly pressing down with the rolling pin.



14 Flour the biscuit cutter. Cut out biscuits by pressing down, do not twist the cutter. Reflour the cutter after every 2 cuts. For maximum yield, cut biscuits around the outside of the dough first.



15 Place biscuits on the lined baking tray(s) in staggered rows of 3 with biscuits lightly touching. Prepare 1 tray with 15 biscuits and a dough rope or 2 trays with 9 biscuits each and a dough rope.







- 16 Wrap the tray(s) in a plastic bag. Close the bag.
- 17 Label the bag with a 30 minute minimum cooling time and a 6 hour maximum holding time. Discard biscuits that have not been baked within the 6 hour maximum holding time.
- 18 Place into the refrigerator for up to 6 hours before baking.
- 19 Clean and sanitize the area, mixing bowl, paddle attachment and small equipment.

#### □ Baking biscuits

# Baking procedures for breakfast and All Day Breakfast (ADB)

- 1 Remove biscuits that have been cooled a minimum of 30 minutes and a maximum of 6 hours from the refrigerator.
- 2 Remove the bag(s) from the tray(s)
- 3 Place the tray(s) into the oven, close the oven door and set the timer. Refer to the Baking Station Guide with the Dough Mixer Scratch Made Biscuits update for pan placement and baking times.
- 4 When the timer beeps, turn it off. Put on an oven mitt, the tray will be hot. Remove the tray(s) from the oven and close the oven door.
- 5 Brush each biscuit with butter using the red-bristled brush. With each dip of butter, brush 3 biscuits.

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# **Hand Mixed Scratch Made Biscuits**

#### **Breakfast hold procedures**

- 1 Prepare clean, sanitized 2/3-size universal holding cabinet (UHC) tray(s) with clean liner(s). Maximum 15 biscuits per tray.
- 2 Slide the biscuits off the baking tray and into the lined UHC tray. Place the tray(s) in the correct slot(s) of the UHC and press the timer.



3 Use a clean, sanitizer-soaked towel to clean the area used. Discard the used towel into the soiled towel bucket.

#### Room temperature hold procedures for ADB

- 1 Label trays with the 15 minute immediate use and 2 hour holding times on the long side of the baking tray.
- 2 Place the baking trays with the time labels facing front. Slide the tray into the bacon rack and place a liner on top of the biscuits after 15 minutes or place it onto the Q-ing oven overshelf.
- **3** Use a clean, sanitizer-soaked towel to clean the area used. Discard the used towel into the soiled towel bucket.

#### □ Assembling orders

#### Breakfast

• Pull a hot biscuit from the UHC tray and proceed with assembly.

#### ADB

 For the first 15 minutes after the tray is placed in the bacon rack or on the Q-ing oven overshelf (refer to the immediate use label on the tray), pull a hot biscuit from the baking tray and proceed with assembly. After 15 minutes, place up to 2 biscuits on a flat tray and place in the Q-ing oven to heat. Refer to the Q-ing Station Guide for Q-ing times.







Number of checkboxes missed \_\_\_\_\_. 100% needed to pass. Date

Trainee name

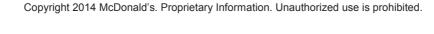
Trainer name

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Action		Description			
		·			
1.	Wash Hands	Wash hands prior to beginning and every hour. Use McD Hand Sanitizer every ½ hour and wear gloves when preparing biscuits			
2.	Check product	Check to ensure you have enough biscuit mix, buttermilk, dusting flour and butter in the biscuit prep area and all products are within use thru dates			
3.	Check proper equipment	Refer to the equipment list for proper equipment and verify equipment is in good condition			
4.	Check for product needs	Refer to R2D2 for the amount of trays needed for day and time period as this will help your biscuit maker plan for prepping the right amount of trays of biscuits			
5.	Prepare biscuit pans	Place baking liners on the pans. Use a new liner each time			
6.	Add ingredients to bowl	Shake butter milk and measure 21oz, and pour into mixer bowl, add dough rework and 1 bag of mix into the dough mixer. Place buttermilk back into the cooler. Maximum amount of dough rework is one large cup. Be sure to use the bulk pour basket to hold the buttermilk.			
7.	Mix ingredients	Add paddle to mixer, set the mixer bowl in the up position, close gate and press pre-set timer to start. When timer stops – raise the safety gate, lower the bowl and remove paddle.			
8.	Flour Baker's Board	Measure approximately 6 oz. of dusting flour, (parfait cup is a good guide) place 2/3 of the flour in the sifter for use to flour, re-flour the white baker's board, hands and rolling pin. Place remaining 1/3 of flour in the upper corner of the baker's board for use with the cutter Sift flour into a circle 12 to 18 inches in diameter on the baker's board (do not flour the dough)			
9.	Place dough on board	Using the white bowl scraper, scoop out the dough and place dough on the floured section of the baker's board. To prevent sticking, lightly flour gloved hands and the surface of the dough on the baker's board.			
10.	Form the dough	Keeping fingers together, pat out the dough with palms of hands forming a rectangle with the dough being about 1 to 1 $\frac{1}{2}$ " thick			
11.	Fold the dough	Using the wooden handle dough scraper, loosen the dough from the board by sliding the scraper around the outer edges of the dough. Starting at the top, fold the dough towards you in thirds like an envelope. Turn the dough 90° with the crease down. Scrape the board and re-flour. Place the dough back in the center of the bakers board and lightly and move the dough to the side of the bakers board. Scrape and re-flour board, place dough on the floured portion of the board. Place the scraped flour back into the flour sifter.			
12.	. Roll dough	Lightly flour the dough – press out the dough and form into a rectangle. Flour rolling pin. Grasp rolling pin handles with an "underhand" grip. Start in the middle of the dough and gently roll forward. Start in the middle of the dough and roll towards you. Continue this gentle rolling until the dough sheet is the thickness of the wheel guides on the rolling pin. Be sure not to pull or push roller from one end of the dough to the other. Pushing on the dough will cause the biscuit to crack on top and fall apart as a sandwich. To minimize sticking, flour the rolling pin as needed.			
13.	Cut biscuit dough	Cut the biscuit dough using a floured cutter. Push straight down and never twist the cutter. Re-flour cutter after every two cuts. For maximum yield, cut biscuits around the outside of the dough first, then down the center. Place cut biscuits in rows of three on the biscuit pan using the 6 ½ inch, white handle spatula. The sides of the biscuits should touch slightly and the rows should be staggered to maximize the number of biscuits per tray.			
14.	. Working leftover dough	Take the leftover trimmed dough and place enough dough to fill a large cup – any excess dough should be discarded. The maximum amount of trimmed dough that can be added to the next batch is one large cup. Dough held in the large cup should be used within10 minutes in the next batch. If done making biscuits, take the scraps from the last batch and form a ball to blend the pieces together. Place on the baker's board, press out lightly, use the rolling pin and then cut out the final biscuits. Leftover dough can be used for dough rope on partial tray. Discard any other leftovers and never rework the leftover dough a second time.			

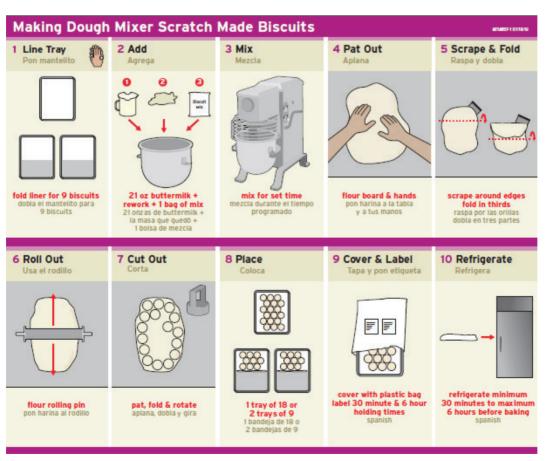








15. Store biscuit dough	Insert the tray of unbaked biscuits into a biscuit bag. Mark with two secondary shelf life stickers, 30 minutes hold prior to baking and a maximum of 6 hour hold refrigerated. Transfer tray of unbaked biscuits immediately into the cooler and position in the cooler for proper rotation bacon racks can hold up to 5 trays. Never leave trays set out at room temperature and do not stack trays on top of each other in the refrigerator.			
16. Bake biscuits	See Baking Chart on Page 7			
17. Butter biscuits	Use a red silicon brush to butter biscuits. Use one dip for every three biscuits. This will give the biscuit the proper amount of butter for optimal flavor. Dab each biscuit, then swipe the brush across all three biscuits one direction then back across to achieve optimal flavor.			
18. Transfer to cabinet Transfer biscuits to a 2/3 or full size lined UHC tray, place into the UHC cabin timer. Temperature of cabinet is 175°/175° and holding time is 30 minutes				
19. Separate biscuits	Use the wide biscuit separator to "pop" open the biscuit to assemble a sandwich			
20. Clean up area	Clean up prep area and sanitize surface. Wash rinse and sanitize all equipment every four hours			
ROOM TEMPERATURE	PROCEDURES - ADB			
Store Biscuits	ay of baked, buttered biscuits should be placed on to the over shelf on the Breakfast Q table on the Bacon rack near the Breakfast Q table. The tray should be marked with two stickers 15 minute for immediate use and two hours for maximum hold time.			
Q to Order  Place 1 to 2 room temperature biscuits on the flat amber biscuit tray and place in th oven. Use code 44 (1 or 2) to heat the biscuit(s). When timer sounds, remove the t pass the tray to the assembly area.				
Assemble	Assembler will build the ordered sandwich and place in the HLZ.			





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# Operational Procedures - Dough Mixer



# **Dough Mixer Scratch Made Biscuits**

#### **Overview**

# Clean hands and good personal hygiene

 When working your station, wash hands for 20 seconds, rinse, and dry with paper towels. Hands should be rewashed as needed, with a minimum of once per hour. Practice good personal hygiene (e.g. do not touch hair or face) while preparing food or serving customers



## **Making, Baking and Assembling**

#### □ Making biscuits

Make a single batch of biscuits. Do not make multiple batches at one time or the biscuits will not be of the desired quality

- 1 Determine the number of baking trays and the number of biscuits
- 2 Prepare baking tray(s). Prepare 1 tray (for 18 biscuits) with a bakeable tray liner or 2 trays (for 9 biscuits each) with bakeable tray liners folded in half. Use only bakeable tray liners, as any other type of liner







- 3 Add 21 ounces of buttermilk into a clean, sanitized mixer bowl. Add the ingredients in the order indicated, the order is critical to quality
- 4 Add up to a medium cold cup full of rework (the dough left after cutting the previous batch of biscuits) to the buttermilk.
- 5 Add 1 bag of biscuit mix to the bowl
- 6 Insert the paddle into the stand mixer

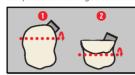


7 Raise the mixer bowl to the up position and close the safety gate.



- 8 Press the pre-set timer
- 9 When the timer stops, lower the mixer bowl
- 10 Release the paddle and scrape the dough off the paddle into the

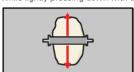
- 11 Flour the baker's board, then scoop the dough onto the floured board.
- 12 Flour hands. Pat out dough using your hands, keeping your fingers together. Dough should be patted out until it is an even 1 inch thick.
- 13 Scrape under the edges of the dough and fold over the top third. Scrape under the edges and fold over the second third.



14 Scrape under the dough and pull it off the board. Reflour the board. Place the dough back on the board, rotating it 90°



**15** Add 1/2-inch roller guides and flour the rolling pin. Roll out the dough while lightly pressing down with the rolling pin.



16 Flour the biscuit cutter. Cut out biscuits by pressing down, do not twist the cutter. Reflour the cutter after every 2 cuts. For maximum yield, cut biscuits around the outside of the dough first.



17 Place 18 biscuits on the lined baking tray(s) in staggered rows of 3 with biscuits lightly touching. Prepare 1 tray with 18 biscuits (no dough rope) or 2 trays with 9 biscuits each and a dough rope







- 18 Wrap the tray(s) in a plastic bag. Close the bag
- 19 Label the bag with a 30 minute minimum cooling time and a 6 hour maximum holding time. Discard biscuits that have not been baked within the 6 hour maximum holding time.
- 20 Place into the refrigerator for up to 6 hours before baking.
- 21 Gather the rework (the dough left after cutting the biscuits) and place it into a 21-ounce cup. Place the cup of rework near the prep area, it will be added to the next batch of biscuits
- 22 Clean and sanitize the area, mixing bowl, paddle attachment and small equipment

# Baking biscuits

#### Baking procedures for breakfast and All Day Breakfast (ADB)

1 Remove biscuits that have been cooled a minimum of 30 minutes and a maximum of 6 hours from the refrigerator

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# **Dough Mixer Scratch Made Biscuits**

- 2 Remove the bag(s) from the tray(s).
- 3 Place the tray(s) into the oven, close the oven door and set the timer Refer to the Baking Station Guide with the Dough Mixer Scratch Made Biscuits update for pan placement and baking times.
- 4 When the timer beeps, turn it off. Put on an oven mitt, the tray will be hot. Remove the tray(s) from the oven and close the oven door
- 5 Brush each biscuit with butter using the red-bristled brush. With each dip of butter, brush 3 biscuits.

#### **Breakfast hold procedures**

- 1 Prepare clean, sanitized 2/3-size universal holding cabinet (UHC) tray(s) with clean liner(s). Maximum 18 biscuits per tray.
- 2 Slide the biscuits off the baking tray and into the lined UHC tray. Place the tray(s) in the correct slot(s) of the UHC and press the timer.



**3** Use a clean, sanitizer-soaked towel to clean the area used. Discard the used towel into the soiled towel bucket.

#### Room temperature hold procedures for ADB

- 1 Label trays with the 15 minute immediate use and 2 hour holding times on the long side of the baking tray.
- 2 Place the baking trays with the time labels facing front. Slide the tray into the bacon rack and place a liner on top of the biscuits after 15 minutes or place it onto the Q-ing oven overshelf.
- **3** Use a clean, sanitizer-soaked towel to clean the area used. Discard the used towel into the soiled towel bucket.

#### □ Assembling orders

#### Breakfast

• Pull a hot biscuit from the UHC tray and proceed with assembly.

#### ADR

• For the first 15 minutes after the tray is placed in the bacon rack or on the Q-ing oven overshelf (refer to the immediate use label on the tray), pull a hot biscuit from the baking tray and proceed with assembly. After 15 minutes, place up to 2 biscuits on a flat tray and place in the Q-ing oven to heat. Refer to the Q-ing Station Guide for Q-ing times.



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Trainer name

July 2016 (07/13/16)

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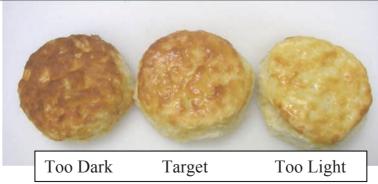
# Scratch Biscuit Trouble Shooting Guide

CAUSE	SOLUTION		
WET OR SLACK DOUGH			
Biscuit mix too warm	Biscuit mix should be delivered and stored refrigerated		
Excessive buttermilk	Measure correct amount of buttermilk using the correct measuring cup – 21oz. per bag of mix		
Buttermilk not agitated before measuring	Shake well before every pour		
Out of date buttermilk	Discard buttermilk, review rotation and check ROP		
DRY DOUGH			
Insufficient buttermilk	Measure correct amount of buttermilk using the correct measuring cup – 21oz. per bag of mix		
Under mixing	Mix dough thoroughly in bowl approximately 40-50 seconds hand mixed		
Incorrect mixing	Utilize scoop down fold over motion		





COLOR			
Incorrect oven temperature	Check oven calibration and set for 375°		
Incorrect baking time	Check programing and set for correct baking time		
Oven door not closed or opened during bake cycle	Close oven door completely and do not open during bake time. Use stop/go sign to prevent door from being open during bake cycle		
Incorrect rack position	Place rack on row 2, 5, and 8 for the Wells oven Place rack on row 8, 5, and 2 for the Garland oven Bake 1 tray on the middle rack Bake 2 trays on the top and bottom rack Bake 3 trays on the top, middle and bottom rack		
Shake mix used instead of buttermilk	Check case label and verify bag is buttermilk		





BISCUTS TOO LOW II	N HEIGHT - SHOPT		
Oven door not securely closed			
Oven door not securely diosed	Close oven door completely and do not open		
	during bake time. Use stop/go sign to prevent door from being open during bake cycle		
Oven temperature too low	Check oven calibration and set for 375°		
Oven temperature too low Underworked dough	Hand mix - Mix dough more thoroughly in bowl –		
Onderworked dough	fold dough into thirds twice		
Excessive buttermilk	Dough mixer – fold dough into thirds ONLY once Measure correct buttermilk – 21 oz. per bag of		
Excessive butterning	mix		
Dough set out room temperature	Store tray of cut dough patties in refrigerator		
	immediately after completing the tray		
Rolling pin guides incorrect height	Check correct rolling pin guide size - ½" for both		
	hand mixed or dough mixers procedures		
Warm mix - biscuit mix stored above 40□F	Store biscuit mix below 40°F and keep		
	refrigerated between batches		
Rolling pin slipped off bakers board	Keep guides on bakers board and ensure the		
	correct bakers board is being used		
Dough build-up on rolling pin	Clean dough from rolling pin after each use and		
BIOGUITO TOO III	as often as needed		
BISCUITS TOO HI Overworked dough			
Overworked dough	Hand mixed dough – fold dough into thirds twice,		
Evenosive dusting flour	Dough mixer – fold dough into thirds ONLY once		
Excessive dusting flour	Use 6 oz. of flour per bag of mix		
Excessive reworking scrap dough pieces	Re-roll leftover trimmed dough once, cut biscuits discard dough or make rope for end of tray		
Mix time set incorrect on dough mixer	Univex 45 seconds		
This time out moon out on dough mixer	Varimixer 25 seconds		
	Hobart 30 seconds		
Rolling pin guides incorrect height	Rolling pin guides should be ½"		
Unacceptable height – Too Low Too High	A scentable Height, 1 1/4? 1 3/?		
Unacceptable neight – 100 Low 100 High	Acceptable Height: 1 1/4" – 1 3/4"		
	CARLES TOWN		
	ARTERIOR AND ARTERIOR		
EXCESSIVE SMOOTH TOP			
Holding cut biscuits in cooler too long	Maximum hold time in cooler is 6 hours covered		
	with plastic bag		
Overworked dough	Hand mixed dough – fold dough into thirds twice,		
	dough mixer –fold dough into thirds ONLY once		
Excessive dusting flour	Use 6 oz. of flour per bag of mix		
Mix time set incorrect on dough mixer	Univex 45 seconds		
· ·	Varimixer 25 seconds		
	Variation 20 00001100		









EXCESSIVE R	OUGH TOP		
Slack dough (too wet)	Store biscuit mix below 40°F		
,	Measure correct buttermilk – 21 oz./bag of mix		
Underworked dough	Hand mix - Mix dough thoroughly in bowl and fold		
ŭ	dough into thirds twice		
	Dough mix – check settings of the mixer and fold		
	dough ONLY once.		
	Univex 45 seconds		
	Varimixer 25 seconds		
	Hobart 30 seconds		
Excessive force rolling out dough	Use underhand position holding rolling pin.		
S S	Gently roll dough from middle out and repeat until		
	correct thickness		
SLOP	ING		
Improper rolling	Place dough width-wise on the baker's board in		
	front of you. Lightly flour the rolling pin. Start at		
	the center of dough and gently roll the dough out		
	away from you. Start at the center again, and roll		
	out toward you. Continue this gentle rolling until		
	the dough sheet is the thickness of the wheel		
	guides on the rolling pin. If dough sticks to rolling		
	pin, reapply flour to rolling pin.		
Biscuit cutter twisted when cutting	Do not twist the cutter when cutting		
Too much scrap rework	Discard leftover trimmed dough after reworking		
	once.		
Improper dough patty placement	Check spacing of the dough patty on baking tray.		
	Place biscuit patty with edges slightly touching,		
	Hand mixed - 5 rows of 3 with dough rope		
	Dough mix - 6 rows of 3 without dough rope		
Empty space on baking tray	Hand mix - Place a dough rope at the end of the		
	last row of dough patties		
	Dough mix - Place additional row of patties for		
	dough mixer procedures instead of the dough		
	rope at the end of baking tray		
IMPROPERLY CUT			
Improper spacing between cuts with cutter	Space biscuit cutter properly, be careful not to cut		
1	into next biscuit		







IMPROPERLY SHAPED – OUT OF ROUND			
Under mixing (spreading of dough)	Hand mix - Mix dough more thoroughly in bowl,		
	fold dough into thirds twice		
	Dough mixer – fold dough into thirds ONLY once		
Dough held at room temperature	Store tray of cut dough patties in cooler		
	immediately after preparing full tray		
Mishandled dough patties	Use long white handle spatula to transfer dough		
	patties from baker's board to tray (moving by		
	hands will cause odd shaped biscuits)		
Improper dough patty placement	Check spacing of the dough patty on baking tray.		
	Place biscuit patty with edges slightly touching,		
	Hand mixed - 5 rows of 3 with dough rope		
	Dough mix - 6 rows of 3 without dough rope		
	Spaced too far apart will cause thin biscuits		
	Spaced too close will cause thick biscuits		
DIAMETER TOO SMALL	- LESS THAN 3 1/4"		
Biscuits placed too close on tray	When placed on tray, biscuits should just touch.		
	Hand mix - 5 rows of 3 with dough rope		
	Dough mix – 6 rows of 3 without dough rope		
Too many biscuits on tray	Hand mix - Maximum 15/tray with dough rope		
	Dough mix - Maximum 18/tray for dough mixer,		
	no dough rope		
Mix too dry	Measure correct buttermilk – 21 oz. per bag of		
	mix		
Biscuit cutter bent	Replace biscuit cutter		
Incorrect size of biscuit cutter	Use standard 3 ¼" inside diameter cutter		
Dough over mixed	Hand mix - Mix dough less in bowl, fold dough		
	into thirds twice,		
	Dough mixer – fold dough into thirds ONLY once		
	and do not knead dough		
	Check dough mixer mix time setting:		
Diameter less	Univex 45 seconds		
than 3 <sup>1</sup> / <sub>4</sub> "	Varimixer 25 seconds		
	Hobart 30 seconds		
and a faith of the state of the			
Si si si salah da salah			
DIAMETER MORI	THAN 0.00"		
Dough too wet/slack	E THAN 3 3/8"  ☐ Measure correct buttermilk – 21 oz. per bag of		
Dough too websidck	mix		
Biscuits separated on tray	When placed on tray, biscuits should be slightly		
Discuits separated on tray	touching		
Warm biscuit mix, dough will spread	Store biscuit mix below 40°F		
Tray of biscuit patties too warm, not placed in cooler			
immediately	Do not set tray of biscuit patties in warm location or on top of oven. Cover the tray with a biscuit		
Ininecialely	bag and place in cooler – mark with 30 minute		
	hold sticker and 6 hour use thru sticker		
	Hold sticker and chodi use tillu sticker		









# Diameter greater than 3 3/8"

CRUMBLY TOP				
Underworking dough	Hand mix - Mix dough thoroughly in bowl and fold dough into thirds twice  Dough mix – check settings of the mixer and fold dough ONLY once Univex 45 seconds Varimixer 25 seconds Hobart 30 seconds Gently form dough into a rectangle by lightly			
	patting sides and top. Press out lightly with the palm of your hand to the thickness of approximately 1 – 1½  Hand mixed dough – fold dough into thirds twice;  Dough mixer – fold dough into thirds ONLY once			
Not held in cooler long enough	Hold tray of dough patties in cooler for minimum of 30 minutes covered with a biscuit bag			
Mix too dry	Measure correct buttermilk – 21 oz. /bag of mix			
Roller pin guides not moving freely	Loosen end nuts on rolling pin			
Held too long after bake	Maximum hold time in UHC is 30 minutes 175/175°F			
Under baked	Verify oven time is programmed correctly			
HARD/DRY	EDGES			
Tray(s) against back and/or side of oven	Place trays in center of oven racks in order not to restrict air flow			
Improper dough patty placement	Check spacing of patty on baking tray. Place biscuit patties with edges slightly touching, Hand mix - 5 rows of 3 with dough rope Dough mix - 6 rows of 3 without dough rope			
Overbaked	Set oven timer to correct baking times Check oven calibration and set for 375°			
Over held in UHC cabinet	Maximum hold time 30 minutes in UHC 175/175°F			
Tray not flush in UHC	Keep UHC biscuit tray flush in cabinet when not in use – minimize heat and moisture loss			

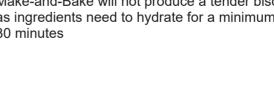






TOP DRY - APPEARANCE			
Improper amount of Butter on top of biscuit	Apply butter on baked biscuits, 1 dip for three biscuits		
Excessive dusting flour	Use 6 oz. of flour per bag of mix		
Held too long after bake	Maximum hold time 30 minutes in UHC 175/175°F		
No Butter	With Butter		
TOUGH TE			
Oven temperature too high	Check oven calibration, verify setting at 375°F		
Excessive dusting flour	Use 6 oz. of flour per bag of mix		
Held too long after bake	Maximum hold time 30 minutes in UHC 175/175°F		
Overworked dough	Hand mix - Mix dough less in bowl, fold dough into thirds twice  Dough mix – check settings of the mixer and fold dough ONLY once.  Univex 45 seconds  Varimixer 25 seconds  Hobart 30 seconds  Gently form dough into a rectangle by lightly patting sides and top. Press out lightly with the palm of your hand to the thickness of approximately 1 – 1½		
GUMMY INTERIO	Store biscuit mix 34°F- 40°F		
Warm biscuit mix, melted fat Under baked	Store biscuit mix 34 F- 40 F  Set oven timer to correct baking times  Check oven calibration and set for 375°		
Improper dough patty placement (too close together)	Check spacing of patty on baking tray. Place biscuit patties with edges slightly touching Hand mix - 5 rows of 3 with dough rope Dough mix - 6 rows of 3 without dough rope		
LICHTIDADIZ COCTO ON	CDOWN "EDECK! ES"		
LIGHT/DARK SPOTS ON  Dough patties not held in cooler before bake	Place tray of dough patties in cooler for minimum		
Dough patties not held in cooler before bake	of 30 minutes, covered with a biscuit bag Make-and-Bake will not produce a tender biscuit as ingredients need to hydrate for a minimum of 30 minutes		











# **SCRATCH BISCUIT- Helpful Hints**

- Place a damp cloth under the baker's board. This will keep the board from moving while working
  with the dough. Towel should not be visible on edges of the baker's board.
- Keep Buttermilk refrigerated at all times. Warm Buttermilk will make the dough sticky and will be harder to work with. Place buttermilk back into cooler after each use.
- Shake the buttermilk before each use, as this will give you a consistent blend to the Buttermilk.
   Unshaken Buttermilk will create slack biscuits from the first part of a container and heavy biscuits from the balance as milk solids could settle to the bottom of the pouch.
- Prep Biscuit Trays. Place a baking liner on the metal biscuit tray(s). Place new liner on tray for each batch. The liner will protect the heels of the biscuits during baking - providing a softer texture.
- Make ONLY one bag of biscuit mix Only one batch of dough can be rolled out at a time and
  while this is happening the remaining dough will be losing its baking powder activity and will not
  bake out properly causing poor texture and height.
- Use cool trays and mixing bowls when preparing biscuits. A warm bowl will often (melt) the shortening in the dough and cause slack/wet dough. A warm biscuit tray will cause the patties to spread and lose their shape.
- Press out dough on baker's board and fold into thirds from top to bottom. Turn dough a half turn 90° rotation. Repeat folds for hand mixed; dough mixed in a mechanical mixer is folded only once.
- To cut out patties, dust cutter with flour after every 2 cuts cut straight down. Twisting the cutter will cause a "smile" on the side of the biscuit, which makes it hard to split.
- Hand mixed—Place 5 rows of 3 biscuits (15 per tray) Use the leftover dough to make a dough rope
  to protect the last row of biscuits from spreading and ensure proper baking.
- Dough Mixer—Place 6 rows of 3 biscuits (18 per tray) with no dough rope.
- Use a long white handle biscuit spatula to transfer biscuit patties to the baking tray to minimize any misshapen biscuits. Do not transfer with your hands.
- Use a biscuit bag to cover trays of Biscuits and hold in a walk-in/reach-in cooler before baking. Mark
  each tray with two Use Thru stickers 30 minutes and a 6 hour use thru time for proper rotation.
  Best when held for a minimum of 30 minutes with the maximum hold time at 6 hours. The hold time
  in the cooler will produce a fluffier and a more tender biscuit.
- Biscuit bags can be re-used within a 4 hour time period.
- Bake time will vary by oven type refer to the bake chart for your specific oven and rack positons
  of 2, 5, & 8. One tray use middle rack, two trays use the top & bottom rack. 3 trays use the top,
  middle & bottom rack.
- Butter 3 biscuits per dip using a red silicon brush to achieve optimal flavor profile. Cover the entire top surface.
- UHC holding use new liner with each batch, UHC hold time is 30 minutes.







- Use wide biscuit plitter to split biscuits.
- ADB 2.0 Room temperature staging on the over shelf on the breakfast Q table will be 2 hours.
- ADB 2.0 Baking half and quarter trays. Follow current procedures for preparing scratch biscuits
  up until the panning step. When biscuits are cut out on the baker's board, you now have the option
  of prepping 6 or 9 biscuits on a lined baking pan for partial tray baking. Fold a new liner in half for 6
  biscuits and dough rope; fold the liner in 2/3 for 9 biscuits and dough rope. Folding the liner will
  prevent the liner from flying up during baking and coving the crowns causing inconsistent color.
- Dough rope- Partial tray prep requires the use of a dough rope to minimize spreading of the prepared biscuits while refrigerated and minimizes dry/hard edges after baking.
- Butter Review procedures for butter. Remember that there is a starting point and you want the
  butter to be softened, not melted. If butter is melted the salt goes to the bottom and the butter loses
  the taste that we all enjoy.









# Customers are lovin' the biscuits. Help to let them know that you now serving them All Day!



SCRATCH MADE



Help to market your biscuits, while helping to keep the uniforms clean and tidy!

- Customizable logo design
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- Adjustable neck & waist ties
- Easy Care
- Stain resistant
- Wrinkle resistant
- 28" long
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Notes			

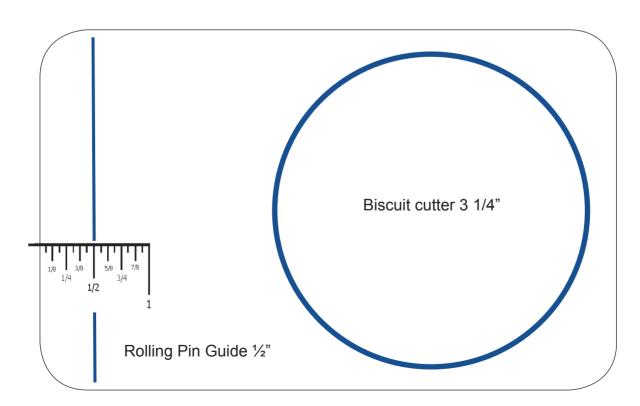




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