

REDJACKET
ELECTRIC GRAIN ROASTERS



FEED INDEPENDENCE

THE AMERICAN WAY. THE RED JACKET WAY.

GROW IT. ROAST IT. FEED IT.

Model 540 — Standard —

MODEL 540 GRAIN ROASTER

The Model 540 is RedJacket Roasters' solution for farmers and outdoorsmen who need a compact, affordable grain roaster without compromising performance. With a price point well under \$10,000, this small but mighty machine roasts 1,500 to 2,000 pounds of grain per day, making it perfect for smaller farm operations, independent producers, and anyone looking to take more control of their feed program.

Design Features

- Capacity: 1500-2000 lbs / day
- Digital temperature control
- Variable speed auger control
- Electrical Requirements: 240 volt/40 amp/1 ph
- All electric
- Fully Automatic Continuous Flow
- Around-the-clock roasting
- Quality Components
- Heavy Gauge Steel
- Durable Powder Coat Finish

Built with the same quality customers have come to expect from RedJacket Roasters, the Model 540 includes digital temperature control, variable auger speed, and a fully electric design that allows it to roast day and night inside the barn or shop safe from the elements. Its rugged, heavy-gauge steel construction and user-friendly controls mean dependable performance with minimal supervision.





Design Features:



- All Electric - 240V, Single Phase
- Fully Automatic Continuous Flow for around-the-clock roasting
- Empty Supply Automatic Shutdown
- Auger Overload Protection
- Automatic Under Heat and Overheat Protection
- Quality Components, Heavy Gauge Steel, Durable Powder Coating

SPECIFICATIONS

10SERIES

COMMODITY		1040v	1044
OUTPUT CAPACITY	POUNDS PER HOUR	100-165	150-250
	POUNDS PER 24 HRS.	2400-4000	3600-6000

Models:

Capacities:



Model **1040v** — Standard —

2,400 lbs./day

- ✓ Manual Control - Machine Mounted

- ✓ Digital Thermostat
- ✓ Digital Amperage Meter
- ✓ Variable Speed Auger Control
- ✓ 2-Independently Controlled Heating Zones



Model **1044** — Advanced —

3600-6000 lbs/day

- ✓ PLC Control - Wall Mounted (UL/CUL-508A)

- ✓ User Friendly Touch Screen
- ✓ 2-Independently Controlled Heating Zones
- ✓ Variable Speed Auger Control
- ✓ KW Usage Data Logger
- ✓ Aux. 1 Supply Auger Controls
- ✓ Programmable Run Times



Design Features:



- All Electric - 240V, Single Phase (240V or 480V 3PH Special Order)
- Fully Automatic Continuous Flow for around-the-clock roasting
- Empty Supply Automatic Shutdown
- Auger Overload Protection
- Automatic Under Heat and Overheat Protection
- Quality Components, Heavy Gauge Steel, Durable Powder Coating

SPECIFICATIONS		20 SERIES DOUBLE	
		2044	2044D
COMMODITY		GRAIN	GRAIN
OUTPUT CAPACITY	POUNDS PER HOUR	300 - 500	600-1000
	POUNDS PER 24 HRS.	7200-12000	14400-24000



Making High-Value Feed
Easy & Affordable



Models:

Capacities:



Model **2044** — Advanced —

✓ PLC Control - Wall Mounted (UL/CUL-508A)

- ✓ User Friendly Touch Screen
- ✓ 2-Independently Controlled Heating Zones
- ✓ Variable Speed Auger Control

- ✓ KW Usage Data Logger
- ✓ Aux. 1 Supply Auger Controls
- ✓ Programmable Run Times

7,200 lbs./day



REDJACKET
ELECTRIC GRAIN ROASTERS

2044D

DOUBLE ROASTER

Design Features:



- All Electric - 480V, 3 Phase
- Fully Automatic Continuous Flow for around-the-clock roasting
- Empty Supply Automatic Shutdown
- Auger Overload Protection
- Automatic Under Heat and Overheat Protection
- Quality Components, Heavy Gauge Steel, Durable Powder Coating



Model 2044D Advanced

Capacity: 14400-24000 LBS/DAY

- ✓ PLC Control - Wall Mounted (UL/CUL-508A)
 - ✓ User Friendly Touch Screen
 - ✓ 2-Independently Controlled Roasting Zones
 - ✓ 2-Independently Controlled Heating Zones Per System
 - ✓ Variable Speed Auger Control
 - ✓ KW Usage Data Logger
 - ✓ Aux. 1 Supply Auger Controls
 - ✓ Programmable Run Times

Includes: →

640C-10 Cooling Hopper & Flex Auger with Extensions



640c REDJACKET

COOLING HOPPER &
FLEX AUGER

Design Features:

Ideal for cooling roasted grains for immediate storage.

Fully adjustable to match roaster output.

Grain cooling bin accessory available for all roasters.

Electronically integrated with Advanced (44 Series) roaster control panel only.

Flex Auger Discharge System available in 10', 75' and 150' lengths.

Standard hopper height - 45"

Hopper Bin Extensions available Adds 24" of vertical height

Models & Options:

- | | |
|------------|---------------------------------|
| • 640 c 10 | 10ft. Flex Auger |
| • 640C-75 | 75ft. Flex Auger |
| • 640C-150 | 150ft. Flex Auger |
| • 640c | Customer supplies Auger & motor |





600^R
REDJACKET

ROLLER MILL ATTACHMENT

Design Features:

Optional for 10 and 20 Series Roasters

Ideal for rolling soybeans and corn for ruminant rations.

Fully adjustable, spring loaded rollers

Hardened alloy rollers

Roller chain drive

Mounts directly under grain outlet

1/2 hp Gear reduction motor

Swing Aside Feature



SWING ASIDE FEATURE



ROASTER SPECIFICATIONS

ELECTRICAL

	540	1040v	1044	2044			2044D
VOLTAGE	240v	240V	240V	240V	240V	480V	480V
PHASE	1PH	1PH	1PH	1PH	3PH	3PH	3PH
FULL LOAD AMPERAGE*	35	51	74	134	83	41	80
ENERGY CONSUMPTION	5kwh	6kwh	9kwh	18kwh			36kwh
OUTPUT POUNDS PER HOUR	60-85	100-160	150-250	300-500			600-1000

*FLA INCLUDES STANDARD OPTIONS

FEATURES

	540	1040v	1044	2044	2044D
CONTROL PANEL		STD.	ADV.	ADV.	ADV.
MANUAL OR PLC CONTROL		MAN.	PLC	PLC	PLC
UL/CUL508-A CONTROL PANEL			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WALL MOUNTED CONTROL PANEL			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DIGITAL THERMOSTAT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DIGITAL AMPERAGE METER			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HOURLY METER			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EMPTY SUPPLY PROTECTION		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AUGER OVERLOAD PROTECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AUTO OVER/UNDER HEAT PROTECTION		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
KW USAGE DATA LOGGER			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
VARIABLE SPEED AUGER CONTROL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PROGRAMMABLE RUN TIMES			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AUX. 1 SUPPLY AUGER CONTROL			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2 INDEPENDENTLY CONTROLLED HEAT ZONES			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AUX. 2 DISCHARGE AUGER CONTROL (OPTIONAL)			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INCLUDES 640c COOLING HOPPER					<input checked="" type="checkbox"/>
2 INDEPENDENTLY CONTROLLED SYSTEMS					<input checked="" type="checkbox"/>

DIMENSIONS

	540	1040v	1044	2044	2044D
OVERALL DIMENSIONS	LENGTH	8.5	12'	14.5'	23'
	WIDTH	33	4.8"	4.8"	5.25'
	HEIGHT	65	63"	74"	117"
SHIPPED WEIGHT (POUNDS)		350	750	750	1,700
INLET HOPPER CAPACITY (BUSHELS)			3	3	5
GRAIN OUTLET HEIGHT - INCLINE 25°		36"	45"	58"	100"
INSTALLED 600R GRAIN OUTLET HEIGHT			28"	37"	81"
					n/a

ACCESSORIES SPECIFICATIONS

MODELS		600R	640C	640C-10	640C-75	640C-150	EXTENSIONS	
DESCRIPTION		ROLLER MILL	COOLING HOPPER ONLY	COOLING HOPPER & FLEX AUGER	COOLING HOPPER & FLEX AUGER	COOLING HOPPER & FLEX AUGER	ROASTERS HOPPERS	640C COOLER HOPPER
OVERALL DIMENSIONS	LENGTH	18"	38"	38"	38"	38"	35"	38"
	WIDTH	24"	45"	45"	45"	45"	33"	36"
	HEIGHT	25"	45"	45"	45"	45"	18"	24"
EST. SHIPPED WEIGHT		350 lbs.	250 lbs.	300 lbs.	500 lbs.	700 lbs.	45 lbs.	85 lbs.
COMPATIBILITY (SEE KEY)	1040	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	1042	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	1044	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	2042	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2044	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2044D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
FLEX AUGER LENGTH				10 FT.	75 FT.	150 FT.		
HOPPER CAPACITY			5 BU.	5 BU.	5 BU.	5 BU.	(+)7 BU.	(+)15 BU.
VOLTAGE		240	240	240	240	240		
GEAR REDUCTION MOTOR		1/2 hp		1/2 hp	1/2 hp	3/4 hp		

KEY	
<input checked="" type="checkbox"/>	COMPATIBLE & FULLY INTEGRATED WITH ROASTER CONTROL PANEL
<input type="checkbox"/>	COMPATIBLE IF USED AS A STAND ALONE OPTION (NOT INTEGRATED WITH ROASTER CONTROL PANEL)
(LEFT BLANK)	NOT COMPATIBLE OR DOES NOT APPLY

Dimensions will vary slightly depending on options.

Exact dimensional drawings are available upon request.

Cost to Operate

≈ \$14/Ton at \$0.12/kwhr

Advantages

Fresher feed on demand!

Palatability - Animals love the taste!

**On-farm roasting reduces
purchased feed costs!**

Simple & efficient design for easy operation & fast return on your investment!

**Ask about the
Specific Benefits for your Livestock!**

Great for

DAIRY
CATTLE
HOGS
POULTRY
SHEEP
GOATS
DEER
BISON
ELK & MORE!

Roast your own

SOYBEANS
CORN
BARLEY
WHEAT
MILO
OATS
FLAXSEED
HEMP SEED
PEANUTS
SOYEX (ENERGROW)

Designed & Manufactured in the usa





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RedjacketRoasters.com

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