



REDJACKET
ELECTRIC GRAIN ROASTERS

FEED INDEPENDENCE

THE AMERICAN WAY.

THE RED JACKET WAY.

GROW IT. ROAST IT. FEED IT.



DESIGN FEATURES

The Model 540 is Red Jacket 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.

- **Capacity: 1500-2000 lbs/day**
- **Digital Temperature Control**
- **Variable Speed Auger Control**
- **Electrical Requirements: 240 volt/40 amp/1 ph**
- **AI 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. It's rugged, heavy-gauge steel construction and user-friendly controls mean dependable performance with minimal supervision.





10 SERIES

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

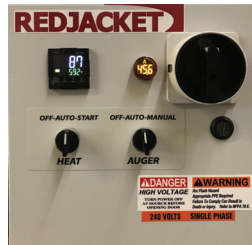


SPECIFICATIONS 10 SERIES

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

Models:

Capacities:



Model 1040v STANDARD

- Manual Control - Machine Mounted
- Digital Thermostat
- Digital Amperage Meter

2,400 lbs./day

- Variable Speed Auger Control
- 2-Independently Controlled Heating Zones



Model 1044 ADVANCED

- PLC Control - Wall Mounted (UL/CUL-508A)
- User Friendly Touch Screen
- 2-Independently Controlled Heating Zones

3,600-6,000 lbs./day

- Variable Speed Auger Control
- KW Usage Data Logger
- Aux. 1 Supply Auger Control
- Programmable Run Times



20 SERIES

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

20 SERIES DOUBLE

SPECIFICATIONS



		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

7,200 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 Control
- Programmable Run Times



Model 2044b 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 2044b ADVANCED

Capacity 14,400 -24,000 lbs./day

- 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 Control
- Programmable Run Times

INCLUDES:

640c-10 Cooling Hopper & Flex Auger
with Extensions





Model 640c

COOLING HOPPER & FLEX AUGER

DESIGN FEATURES

- Ideal for cooling roasted grains for immediate storage
- Fully adjustable to match roaster output
- Standard hopper height - 45"
- Electronically integrated with Advanced(44 Series) roaster control panel only
- Flex Auger Discharge System available in 10', 75' and 150' lengths
- Hopper Bin Extensions available - Adds 24" of vertical height
- Grain cooling bin accessory available for all roasters



Models:

Capacities:

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

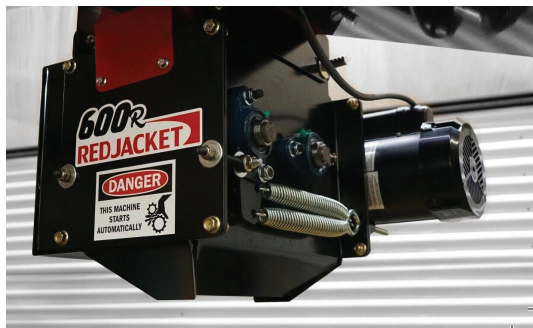
Model 640R

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



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	

*FLA INCLUDES STANDARD OPTIONS

FEATURES

	540	1040v	1044	2044	2044D
OUTPUT POUNDS PER HOUR	60-85	100-160	150-250	300-500	600-1000
MANUAL OR PLC CONTROL	MAN	MAN	PLC	PLC	PLC
UI/CUI508 A CONTROL PANEL			X	X	X
WALL MOUNTED CONTROL PANEL			X	X	X
DIGITAL THERMOSTAT	X	X	X	X	X
DIGITAL AMPERAGE METER			X	X	X
HOURLY METER			X	X	X
EMPTY SUPPLY PROTECTION		X	X	X	X
AUGER OVERLOAD PROTECTION	X	X	X	X	X
AUTO OVER/UNDER HEAT PROTECTION	X	X	X	X	X
KW USAGE DATA LOGGER			X	X	X
VARIABLE SPEED AUGER CONTROL	X	X	X	X	X
PROGRAMMABLE RUN TIMES			X	X	X
AUX 1 SUPPLY AUGER CONTROL			X	X	X
2 INDEPENDENTLY CONTROLLED HEAT ZONES		X	X	X	X
AUX 2 DISCHARGE AUGER CONTROL (OPTIONAL)			X	X	X
INCLUDES 540C COOLING HOPPER					X
2 INDEPENDENTLY CONTROLLED SYSTEMS					X

DIMENSIONS

	540	1040v	1044	2044	2044D
LENGTH	8.5'	12'	14.5'	23'	23'
WIDTH	33"	4.8'	4.8'	5.25'	6.5'
HEIGHT	55"	63"	74"	117"	117"
SHIPPED WEIGHT (LBS)	350	750	750	1,700	2500
INLET HOPPER CAPACITY (BUSHEL)		3	3	3	5
GRAIN OUTLET HEIGHT - INCLINE 25"	36"	45"	58"	100"	100"
INSTALLED 600R GRAIN OUTLET HEIGHT		28'	37"	81"	n/a

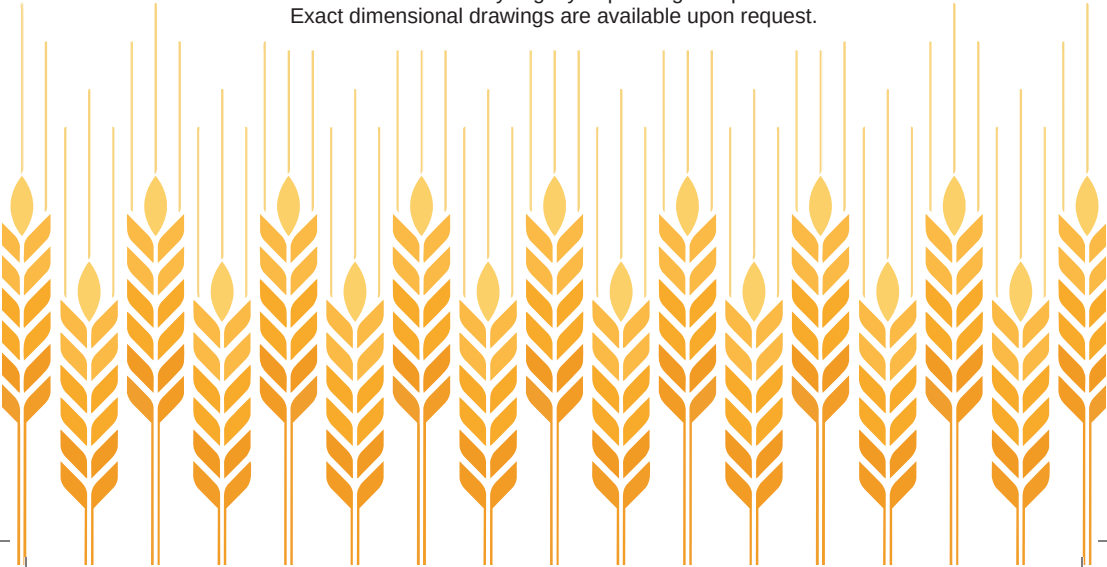
ACCESSORIES SPECIFICATIONS

MODELS		250R	600R	640C	640C-10	640C-75	640C-150	Extensions	
DESCRIPTION		ROLLER MILL	ROLLER MILL	COOLING HOPPER ONLY	COOLING HOPPER & FLEX AUGER	COOLING HOPPER & FLEX AUGER	COOLING HOPPER & FLEX AUGER	ROASTER HOPPER	640C COOLER HOPPER
OVERALL DIMENSIONS	LENGTH	12"	18"	38"	38"	38"	38"	35"	38"
	WIDTH	9"	24"	45"	45"	45"	45"	33"	36"
	HEIGHT	12"	25"	45"	45"	45"	45"	18"	24"
EST SHIPPED WEIGHT		50 lbs.	350 lbs.	250 lbs.	300 lbs.	500 lbs.	700 lbs.	45 lbs.	85 lbs.
	540	X	X					X	
COMPATIBILITY (SEE KEY)	1040v		X	□	□	□	□	X	
	1044		X	X	X	X	X	X	
	2044		X	X	X	X	X	X	X
	2044D		X	X	X	X	X		X
FLEX AUGER LENGTH					10FT	75FT	150FT		
HOPPER CAPACITY				5BU	5BU	5BU	5BU	+7BU	+15BU
VOLTAGE			240	240	240	240	240		
GEAR REDUCTION MOTOR			1/2 hp		1/2 hp	1/2 hp	3/4 hp		

KEY

X	COMPATIBLE & FULLY INTEGRATED WITH ROASTER CONTROL PANEL
□	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 & effecient 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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your favorite platforms:**



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RedjacketRoasters.com

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