

2025 BC-15 HD SW & DW BY BCROASTERS.COM

BC-15 CLASSIC ROASTER!

THE 2025 BC-15 CONTINUES TO GROW IN NEW FEATURES EACH YEAR. ALONG WITH FEATURES ADDED IN 2023 & 2024 THE NEW 2025 MODELS HAVE A NEW STYLE NECK AND HOPPER RELEASE SYSTEM. WITH ALL THE PREVIOUS UPGRADES PLUS THESE NEW FEATURES ALLOW THE ROASTMASTER TO PRODUCE THE FINEST IN COFFEE ROASTING:

- 1. AN IMPROVED HEAVY DUTY BODY
- 2. NEW PROTECTIVE NECK AND HOPPER GATEWAY DESIGN
- 3. NEW FRONT BEARING SYSTEM THAT ALLOWS ON THE FLY DRUM ALIGNMENTS
- 4. EASY ACCESS TO BACK DRUM SYSTEM FOR MAINTENANCE
- 5. A NEW BACK DRUM SHAFT WHEEL FOR QUICK REMOVAL OF BEANS IN THE EVENT OF A POWER OUTAGE WHILE ROASTING
- 6. TWO WAYS TO CONTROL AIRFLOW VIA THE MANUAL DIAL DAMPER PLUS PRECISE AIR FLOW CONTROL VIA A FAN SPEED CONTROLLER POWERED BY A 3 PHASE MOTOR AND CONVERTER
- 7. NEW FRONT ENTRY DOOR TO BURNER ROOM ALLOWING QUICK MAINTENANCE WHEN NEEDED
- 8. NEW DATA LOGGER COMPUTER CHIP TO ALLOW DIRECT BLUETOOTH CONNECTIVITY WHILE USING ARTISAN SOFTWARE.
- 9. NEW IGNITER SYSTEM MODULE
- 10. NEW ELECTRICAL CIRCUIT BREAKER SYSTEM

ADD ALL THE ABOVE TO THE MANY PREVIOUS FEATURES WE HAVE ADDED OVER THE LAST SEVERAL YEARS AND YOU HAVE THE MOST ADVANCED BC-15 ROASTER AVAILABLE.

THE BC-15 HD COMES IN YOUR CHOICE OF SINGLE OR DOUBLE WALL MODELS. THESE ARE GREAT FOR PRODUCTION ROASTING FOR THE WHOLESALE OR RETAIL COFFEE BUSINESS. IT CAN ROAST FROM 3LB. TO 15LB. PER ROAST AND UP TO 5 ROASTS PER HOUR. IT WILL ROAST WELL OVER 400LB. PER DAY. IT HAS ALL THE FEATURES MOST COMPANIES CHARGE EXTRA FOR BUILT INTO THE BASE PRICE. THE MAG AIRFLOW GAUGE COMES STANDARD AS WELL AS THE NEW ELECTRONIC AIRFLOW SYSTEM. THE ONLY OPTION IS IF YOU WISH TO ADD A COOLING TRAY COVER. COMES WITH SOLID HEAVY-DUTY STAINLESS STEEL DRUM AND BUILT IN PROFILING SYSTEM WITH ARTISAN SOFTWARE FOR RECORDING BT & ET. DIRECT-CONNECT CHAFF UNIT FOR EFFICIENCY & REDUCED FOOTPRINT. COMES STANDARD WITH LP (PROPANE) GAS. AND YOU CAN PURCHASE A NATURAL GAS KIT IF YOU WISH TO CONVERT UNIT TO RUN ON NATURAL GAS.

BC-15 HD	GAS TYPE
Batch Size	3-15lb.
Roasting Time	10-15 minutes
Production	56-75lb.hr
Heat Source	NG/LPG
Voltage	220V
Wattage	670W
Drum Motor	200W
Chaff Fan Motor	120W
Cooling Fan Motor	200w
MIXING ARM	90W
BTU	67,200
NG PRESSURE	7-14WC
LPG PRESSURE	MAX. 16-20WC
Gas Consumption	0.8kg/hr
Roaster Dim.	59x41x69"
Roaster Weight	838lb.
Package Dimensions	65x45x67 1090lb.

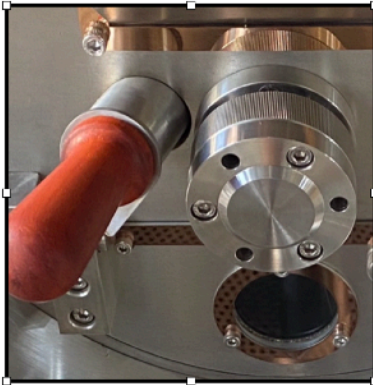


FEATURES

DRUM TYPE
DIGITAL CONTROLS
THERMOCOUPLES
CONTROL PANEL
WARRANTY
PARTS AVAILABLE
DATA LOGGING

Single or Double Wall
2 OMRON CONTROLS w/BT & ET
3mm K-TYPE for BT & ET
BT & ET VEIW ON PANEL
1 YEAR PARTS & INSTRUCTION
10 Year Parts Available Guarantee
USB & BT DATA LOGGER

SOME STANDARD FEATURES INCLUDED!



NEW FRONT BEARING SYSTEM



EASY ACCESS BELT COVER



NEW DRUM SHAFT WHEEL



NEW NECK & HOPPER RELEASE



NEW PRECISE ELECTRONIC AIRFLOW CONTROL



FRONT BURNER ROOM DOOR



NEW CIRCUIT BREAKER SYSTEM

PLUS NEW BLUETOOTH DIRECT CHIP FOR ARTISAN!



PLUS MANY MORE STANDARD FEATURES

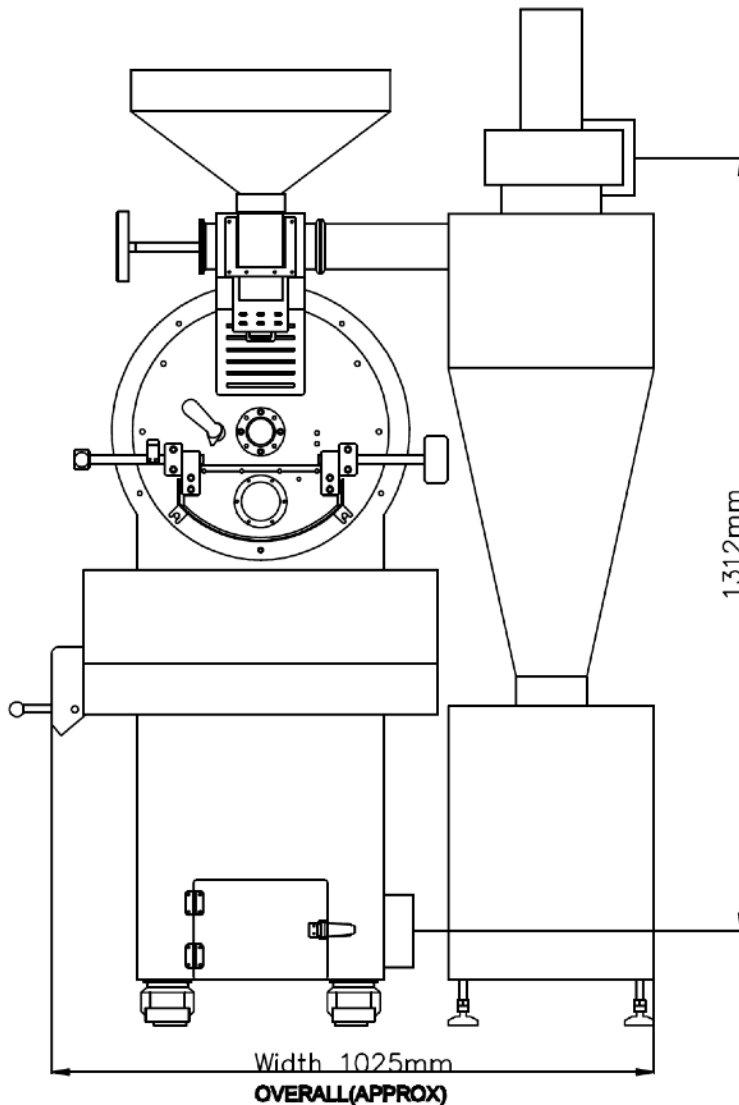
ALL INCLUDED AT NO EXTRA COST TO YOU!



NEW IGNITER SYSTEM AS OF 2024

THE BC-15 MD IS A HEAVY DUTY ROASTER BUILT WITH A CARBON STEEL BODY WITH APPROVED POWDER COAT HIGH TEMPERATURE BODY IN BLACK, RED, PURPLE or WHITE. THE HOUSINGS COME IN A VARIETY OF CHOICES.

TWO EXHAUST PIPES VENT OFF THE BC-15 WITH A 5" VENT OFF CHAFF FAN & 5" VENT OFF COOLING TRAY AS SHOWN BELOW AND CAN BE EXHAUSTED SEPARATELY OUT OF BUILDING OR JOINED WITH A BLAST DAMPER OR BACKDRAFT DAMPER ABOVE CHAFF UNIT. (5 or 6" HIGH TEMPERATURE VENTING IS RECOMMENDED WHEN VENTING EACH SEPARATELY)



**5" VENT OFF
THE 60W
CHAFF FAN**

**BC-15 FEATURES A 120W HD
CHAFF FAN WITH A 5" PIPE
CONNECTION**

**THE COOLING TRAY VENTING IS A
5" VENT SO YOU CAN USE A 6 TO 5
INCH REDUCER PIPE TO RUN 6"
VENTING OUT OF BUILDING. OR IF
YOU PREFER RUN 5" VENTING**

**5" VENT OFF
COOLING FAN**

BC-8 CLASSIC COLOR CHOICES: COLOR CHOICES

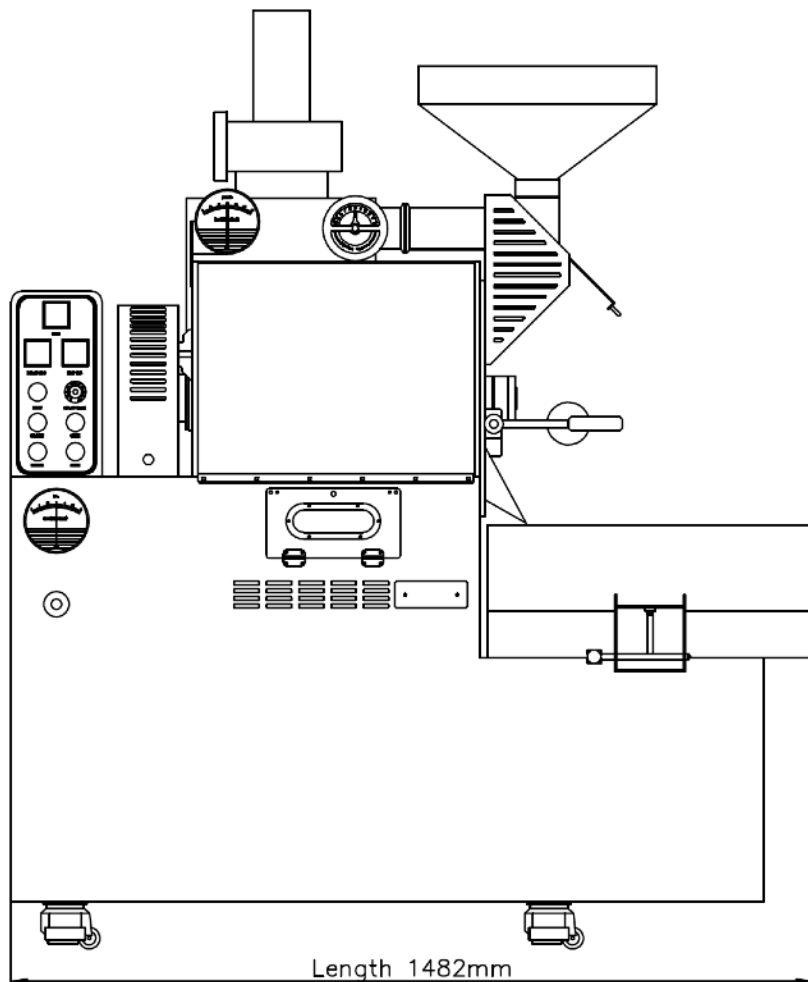
BODY COLORS: BLACK, RED, PURPLE, WHITE

HOUSING COLORS & TEXTURES:

**SOLID: ROSE GOLD, BLACK TITANIUM, STAINLESS,
PURPLE**

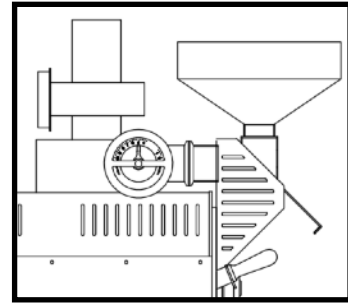
**TEXTURED: CHECKERED GOLD, BLACK OR SILVER
PURPLE, SILVER OR ROSE GOLD RAINDROP
HAMMERED GOLD OR PURPLE**

*** REQUEST A COLOR CHART FOR HOUSING COLORS**



Length 1482mm

OVERALL(APPROX)



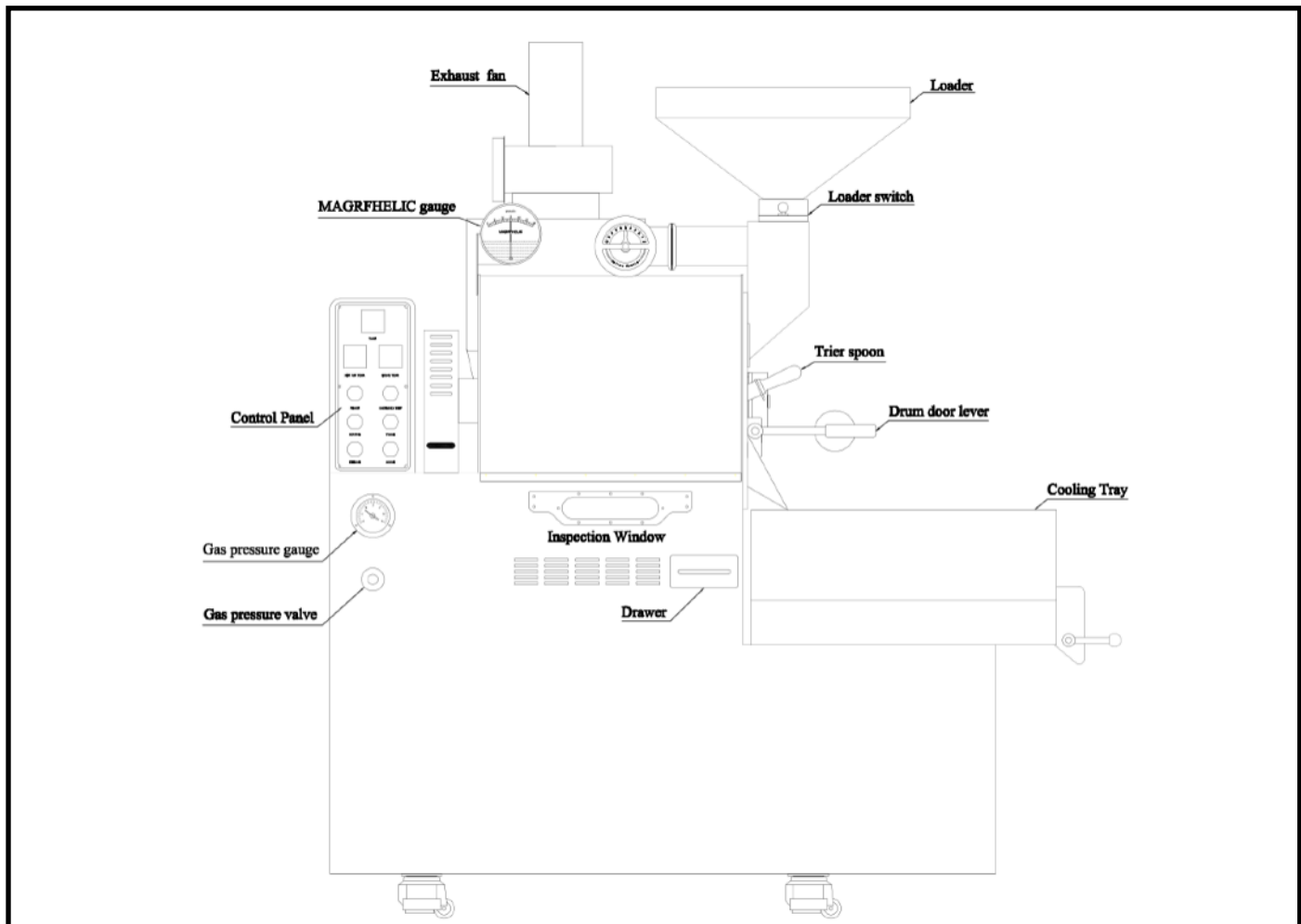
2025 BC-15 MODELS
FEATURE NEW STYLE NECK
& HOPPER GATEWAY

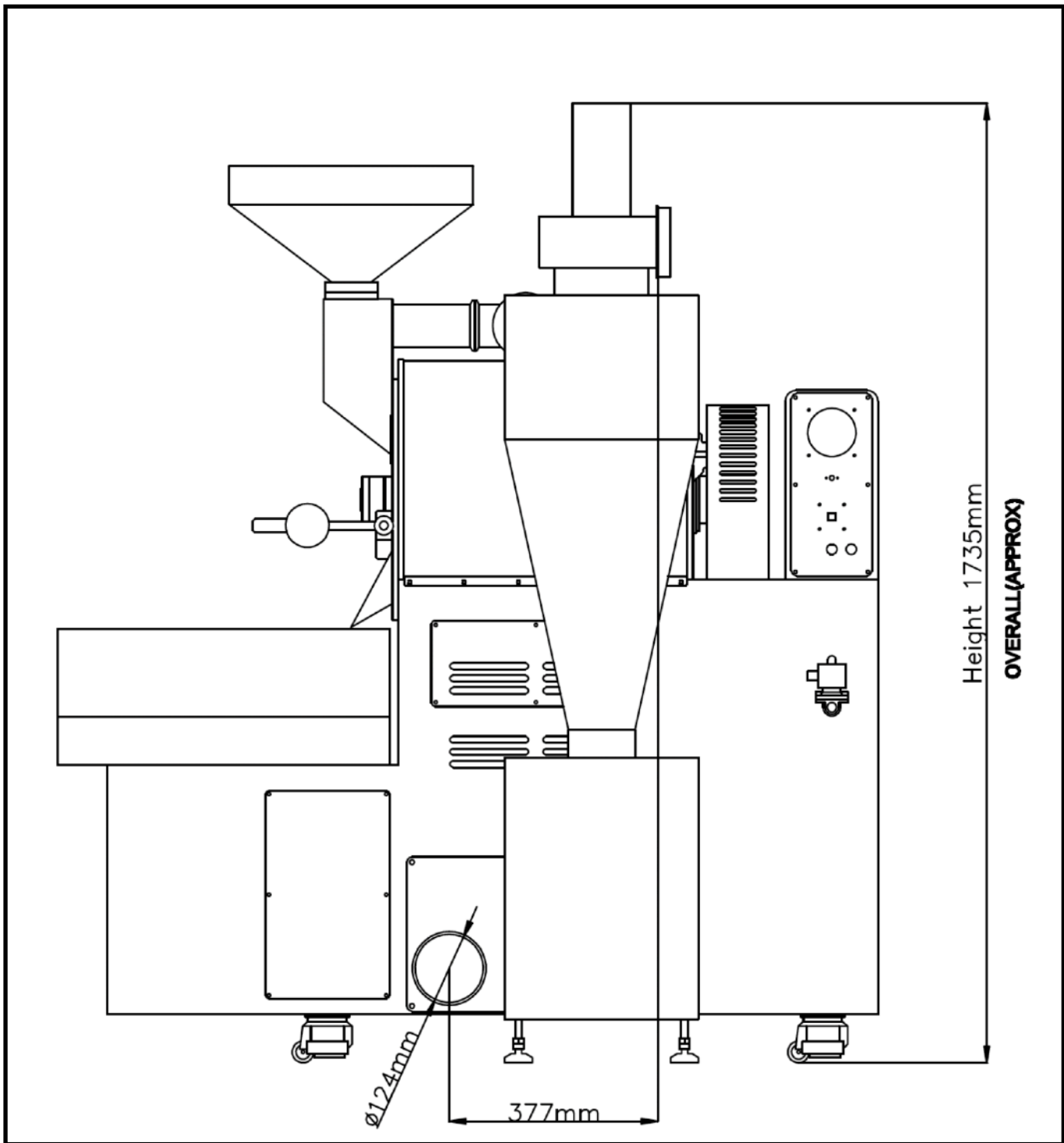
UPDATED 2025 DRAWINGS
SHOW SIZE OF BC-15

1482x1025x1735mm

59x41x69in

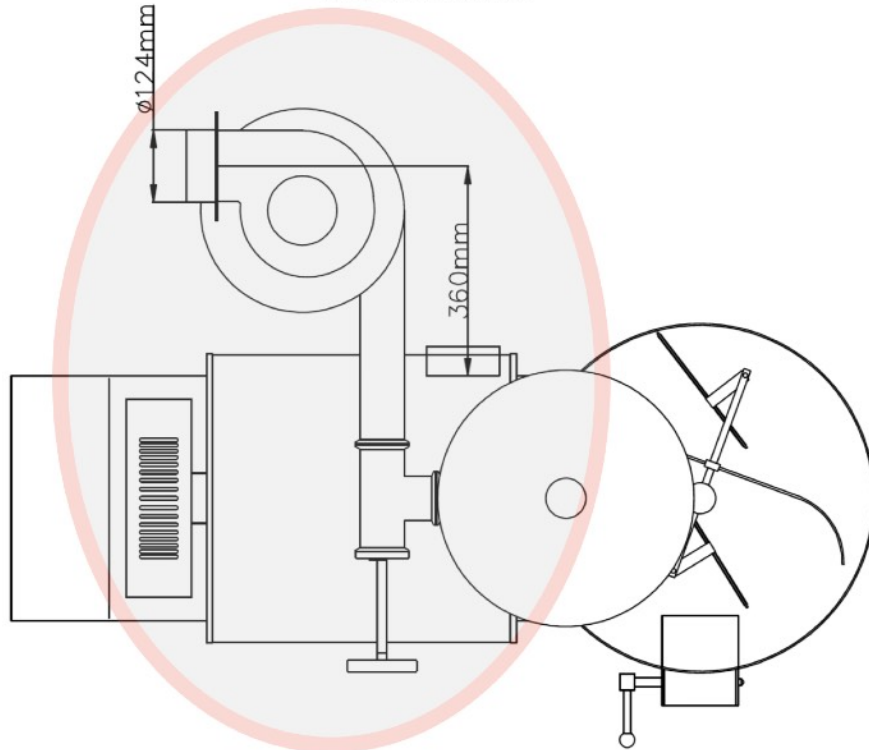
Chaff Unit comes removed to get unit through
a standard doorway





IN 2022 WE ADD HEAVY DUTY
CHAFF FANS & HD GAS GAUGES
TO HELP LOWER MAINTENANCE
& INCREASE PRODUCTION!

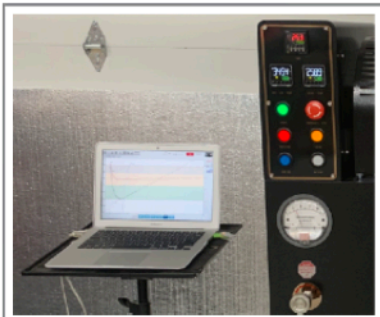




CLEARANCE FROM ALL COMBUSTABLE SURFACES:
12-18" SPACE ON ALL SIDES OF ACTUAL DRUM & CHAFF UNIT OF ROASTER

COMPUTER DATA LOGGING VIA ARTISAN SOFTWARE

RECORD ROASTS VIA USB OR BLUETOOTH TO DUPLICATE PROFILES USING ARTISAN SOFTWARE.



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**BUCKEYE COFFEE IS A PROUD MONTHLY
SPONSOR OF ARTISAN SOFTWARE**

BC-15 COMMERCIAL COFFEE ROASTER

- *FLOOR MODEL WITH HD CASTER WHEELS
- *DIRECT CONNECT CHAFF UNIT FOR SMALLER FOOTPRINT
- *CHOICE OF ALL ELECTRIC OR GAS MODELS

**SIZE (LxWxH) WITHOUT CHAFF UNIT
SIZE SETUP W/ CHAFF UNIT ATTACHED**

59x24x69" ROASTER ALONE
59x41x69" ROASTER WITH CHAFF UNIT

WEIGHT

838LB

**MINIMUM CLEARANCE FROM ACTUAL DRUM OF
ROASTER & CHAFF UNIT & COMBUSTABLE
MATERIALS**

12-18" (WHEN RUNNING VENTING THROUGH WALLS OR
CEILINGS THAT ARE COMBUSTABLE A THIMBLE MUST BE USED
TO CREATE A DOUBLE WALL WITH INNER WALL ACTING AS A
LINER AND THIMBLE, NON-FLAMMABLE FLASHING OR DOUBLE
WALL ACTING AS A SHIELD)

ROASTING CAPACITY

3-15LB SINGLE WALL
2 TO 15LB DOUBLE WALL

ROAST TIME & ROASTS PER HOUR

9-14 MINUTES (5 ROASTS PER HOUR GAS. 3.5 PER
HOUR ELECTRIC)

DRUM INFORMATION

SW DRUM: 5MM SUPERIOR 304SS CONTAINS
18% CHROMIUM AND 8% NICKEL
DW DRUM: HAS TWO LAYERS: ONE OF 3MM & ONE
2MM 304SS WITH 6MM OF AIR CUSHION. SS
WELDING (11MM TOTAL THICKNESS ON DW)

ELECTRIC STATS:

GAS MODEL: SINGLE PHASE 220V 50/60HZ
670W. USES 4A. REQUIRES STANDARD 220-240V
POWER WITH A MINIMUM 15A BREAKER OR
LARGER.

ELECTRICAL PLUG TYPE

GAS MODELS: 20A 250V 3 WIRE NEMA 6-20P

FUEL CHOICES ON GAS MODELS

LPG GAS STANDARD WITH MODELS. NATURAL GAS
CONVERSION KITS OFFERED FOR CUSTOMER
INSTALLATION ONLY.

BURNER INFORMATION ON GAS MODELS

SW & DW BURNERS: 21

BTU REQUIRMENTS

67,200 BTU MINIMUM REQUIRED FOR NG LINE

GAS PRESSURE

LPG: 12-16WC (3-4KPA) MARSHALL 1912/197
REGULATOR RECOMMENDED FOR PORTABLE
SETUP.
NG: 7-14WC

EXHAUST SETUP	
EXHAUST PIPE REQUIREMENTS	POSITIVE PRESSURE EXHAUST VENTING WITH MINIMUM CLEARANCE 18-24" FROM COMBUSTABLE MATERIALS. EXHAUST PIPE SHOULD BE RATED TO 1000F FOR THE BC-15 AND UP.
RECOMMENDED VENTING LENGTHS	25' OR LESS FROM CHAFF UNIT. IF VENTING IS MOSTLY VERTICAL YOU MAY EXCEED THIS LENGTH. BUT NOTE: WITH EXCESSIVE LENGTHS OF 40' OR MORE YOUR INSTALLATION CONTRACTOR MAY RECOMMEND AN ADDED BOOSTER FAN
MAXIMUM EXHAUST TEMPERATURES FROM DRUM INTO SHAFT UNIT	425-475F
CHAFF UNIT HIGH TEMP.	300-350F
COOLING TRAY HIGH TEMP.	200F
DATA LOGGING VIA ARTISAN OR CROPSTER	BUILT IN DATA LOGGER ATTACHES TO COMPUTER (PC OR MAC) VIA USB OR BLUETOOTH
K TYPE THERMOCOUPLES	BT & ET WITH TWO ADDITIONAL PREDRILLED CAPPED THREADED HOLES TO ADD OR ADJUST LOCATION OF PROBES
MANUFACTURED IN CHINA FOR BC ROASTERS	CUSTOM BUILT FOR BC SPECS IN USA AND OVER 200 LANDS

FOR MORE INFORMATION SEE:

[BCROASTERS.COM](http://www.bucroasters.com)

[HTTP://WWW.BUCKEYECOFFEE.COM](http://www.buckeyecoffee.com)

**BC ROASTERS
BUCKEYE, ARIZONA 85326
TONOPAH, ARIZONA 85354**

**TOLL FREE: 844.522.6333
INFO@BCROASTERS.COM**

