

# 2023/24 BC-15 HD SW & DW BY BCROASTERS.COM

## STAYING AHEAD OF THE ROAST!

THE 2023/24 BC-15 CONTINUES TO GROW IN NEW FEATURES EACH YEAR. AND 2023 ADDS 7 NEW FEATURES TO HELP THE ROASTMASTER PRODUCE THE FINEST IN COFFEE ROASTING:

1. **NEW FRONT BEARING SYSTEM THAT ALLOWS ON THE FLY DRUM ALIGNMENTS**
2. **EASY ACCESS TO BACK DRUM SYSTEM FOR MAINTENANCE**
3. **A NEW BACK DRUM SHAFT WHEEL FOR QUICK REMOVAL OF BEANS IN THE EVENT OF A POWER OUTAGE WHILE ROASTING**
4. **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**
5. **NEW FRONT ENTRY DOOR TO BURNER ROOM ALLOWING QUICK MAINTENANCE WHEN NEEDED**
6. **NEW DATA LOGGER COMPUTER CHIP TO ALLOW DIRECT BLUETOOTH CONNECTIVITY WHILE USING ARTISAN SOFTWARE.**
7. **NEW IGNITER SYSTEM MODULE**

**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.

**“GET YOUR ROAST ON!”**



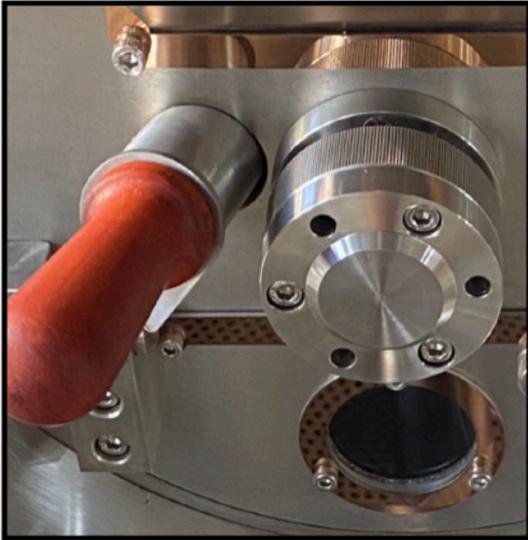
BC-15 HD	GAS TYPE
Batch Size	3-15lb.
Roasting Time	10-15 minutes
Production	56-75lb.hr
Heat Source	NG/LPG
Voltage	220V
Wattage	700W
Drum Motor	200W
Chaff Fan Motor	120W
Cooling Fan Motor	200w
MIXING ARM	90W
BTU	82,000
NG PRESSURE	7-14WC
LPG PRESSURE	MAX. 16-20WC
Gas Consumption	0.8kg/hr
Roaster Dim.	59x40x69"
Roaster Weight	838lb.
Package Dimensions	65x45x66 1050lb.

## FEATURES

**DRUM TYPE  
DATA LOGGING  
THERMOCOUPLES  
CONTROL PANEL  
WARRANTY  
PARTS AVAILABLE  
DATA LOGGING**

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

# NEW FEATURES FOR 2023/24!



**NEW FRONT BEARING SYSTEM**



**EASY ACCESS BELT COVER**



**NEW DRUM SHAFT WHEEL**



**NEW PRECISE ELECTRONIC AIRFLOW CONTROL**



**FRONT BURNER ROOM DOOR**

**PLUS NEW BLUETOOTH DIRECT CHIP FOR ARTISAN!**

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

**TWO EXHAUST PIPE COMES OFF THE BC-15 AT 5" AS SHOWN BELOW AND CAN BE EXHAUSTED SEPARATELY OUT OF BUILDING OR JOINED WITH A BLAST DAMPER OR BACKDRAFT DAMPER ABOVE CHAFF UNIT. (6" HIGH TEMPERATURE VENTING IS RECOMMENDED WHEN VENTING EACH SEPARATELY)**

## **COLOR CHOICES:**

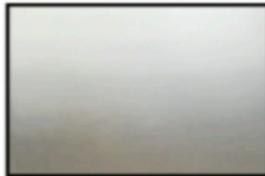
**RED OR BLACK BODIES**

**(9 Housing Color Choices)**

### **SOLID COLORS**



**ROSE GOLD**



**STAINLESS**



**BLACK TITANIUM**

### **CHECKERED**



**CHECKERED  
BLACK**



**CHECKERED  
GOLD**



**CHECKERED  
SILVER**

**SILVER  
RAINDROP**

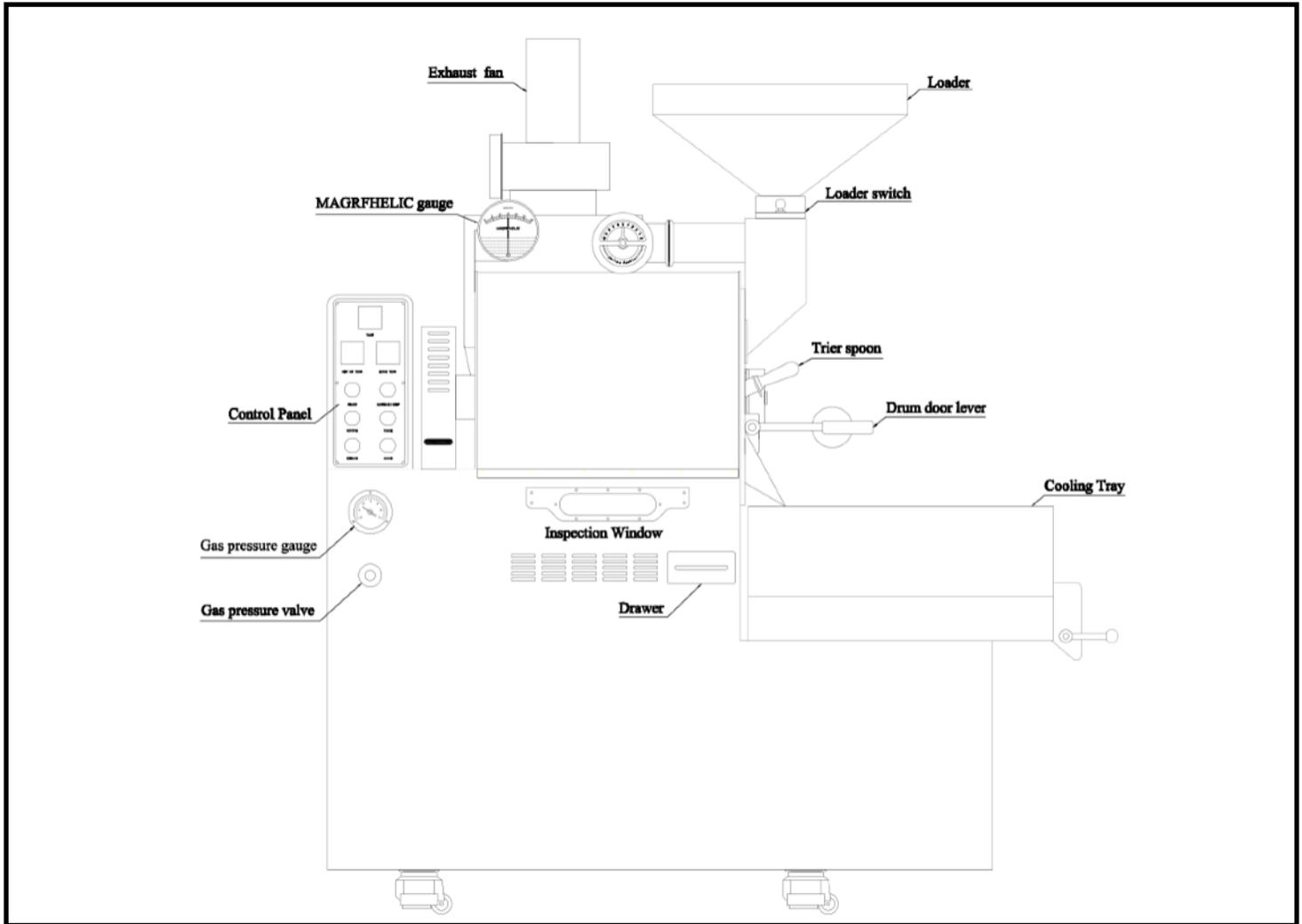


**GOLD RAINDROP**



**NEW FOR 2022:  
HAMMERED GOLD**



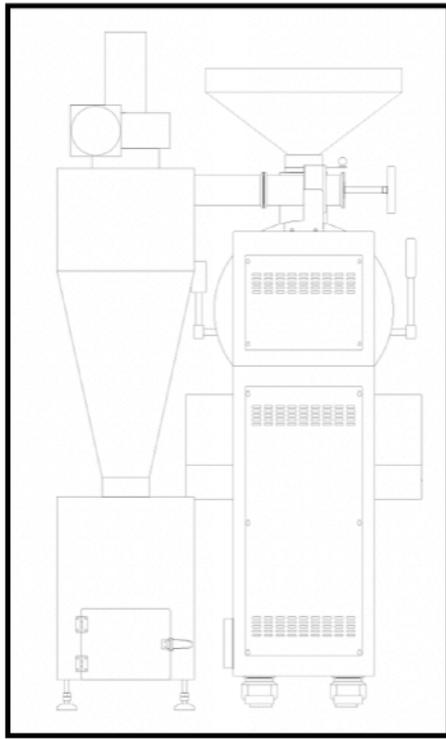
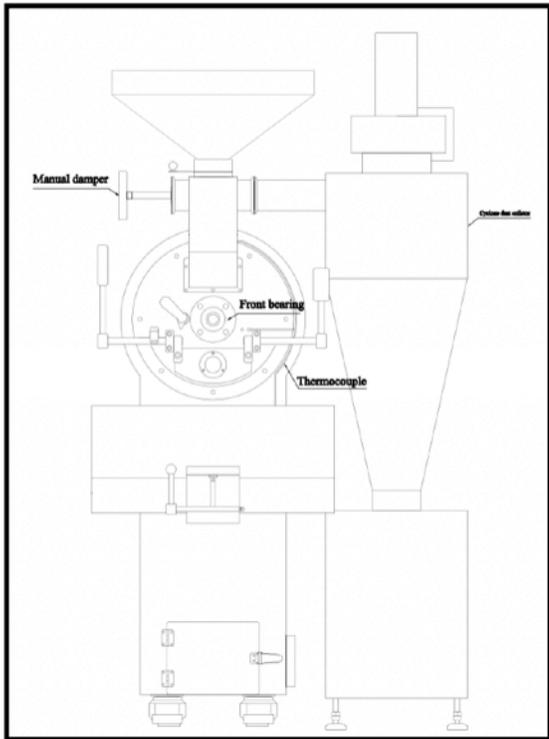
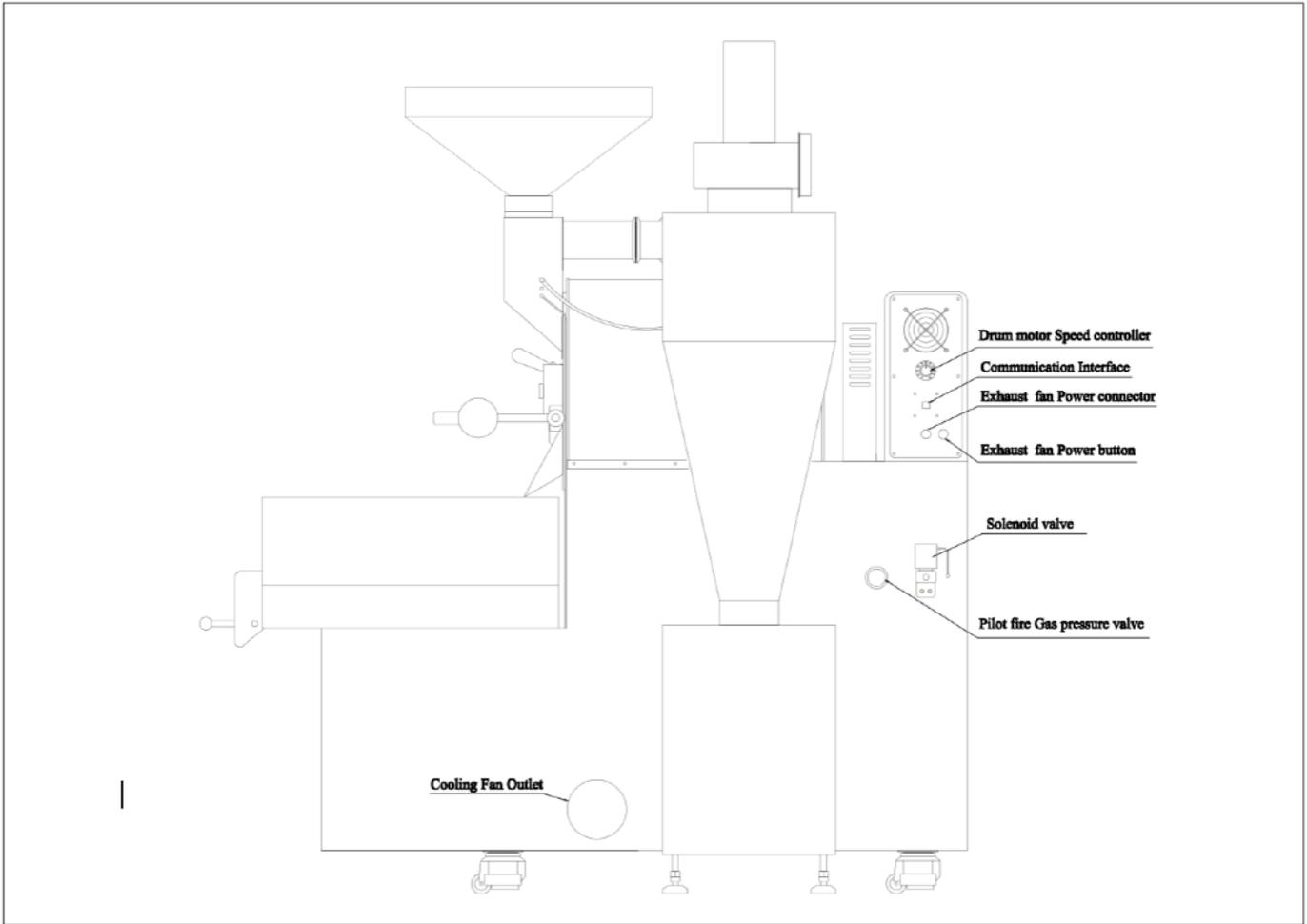


**SHOWN IN DRAWING WITH MAG AIRFLOW GAUGE  
 ALSO THE NEW HD GAS GAUGE IS | & CHAFF FANS ARE ON THE NEW  
 2021 HD MODELS!**

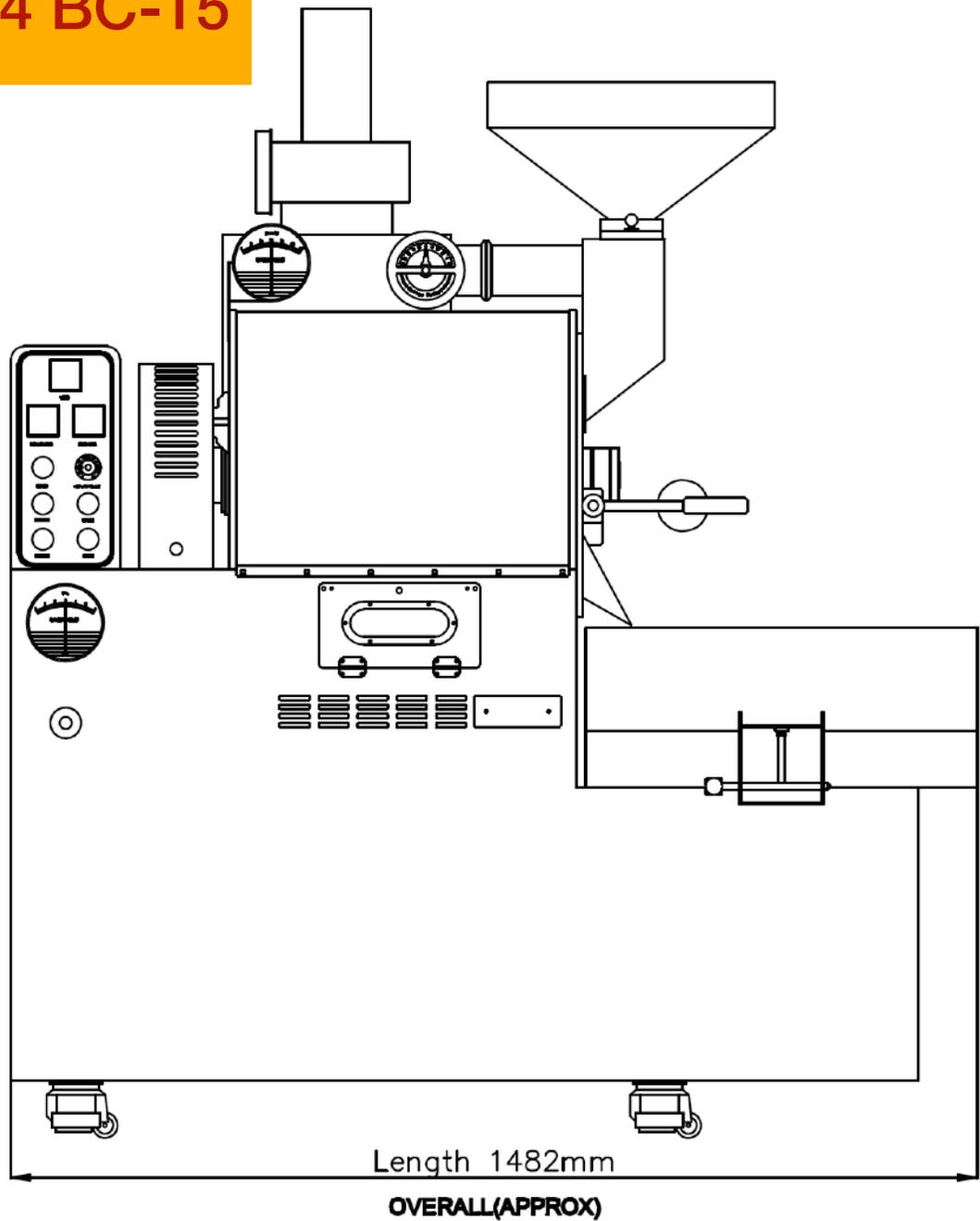


**IN 2022 WE ADD HEAVY DUTY  
 CHAFF FANS & HD GAS GAUGES  
 TO HELP LOWER MAINTENANCE  
 & INCREASE PRODUCTION!**





**2023/24 BC-15**



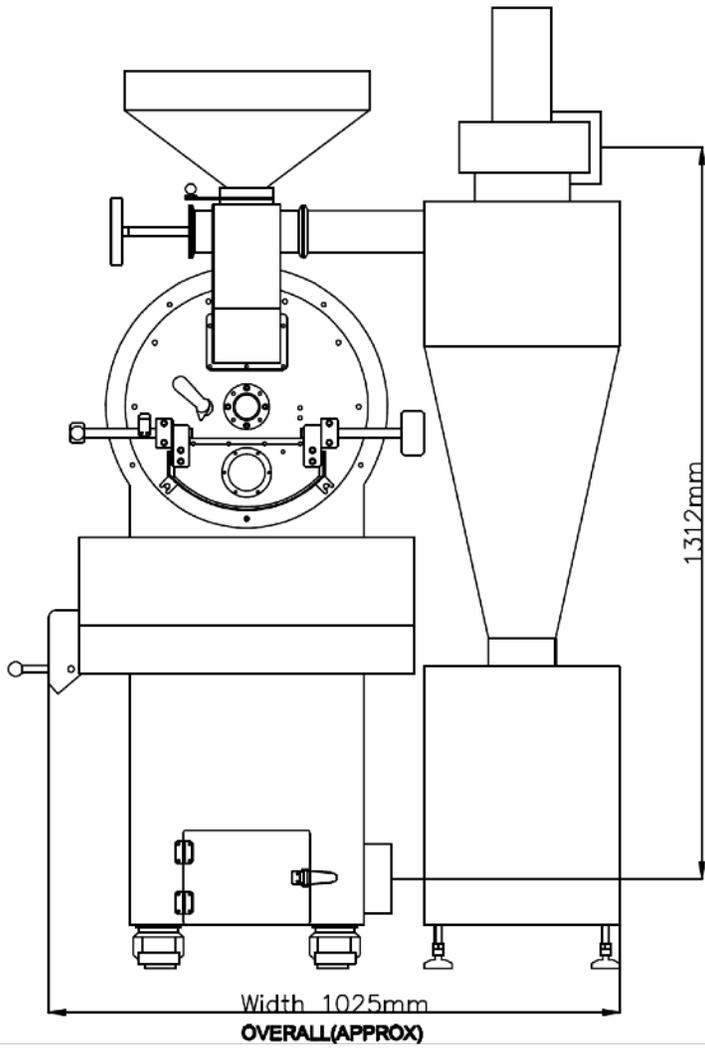
**UPDATED 2023/24 DRAWINGS**

**SHOW SIZE OF BC-15**

**1482x1025x1735mm**

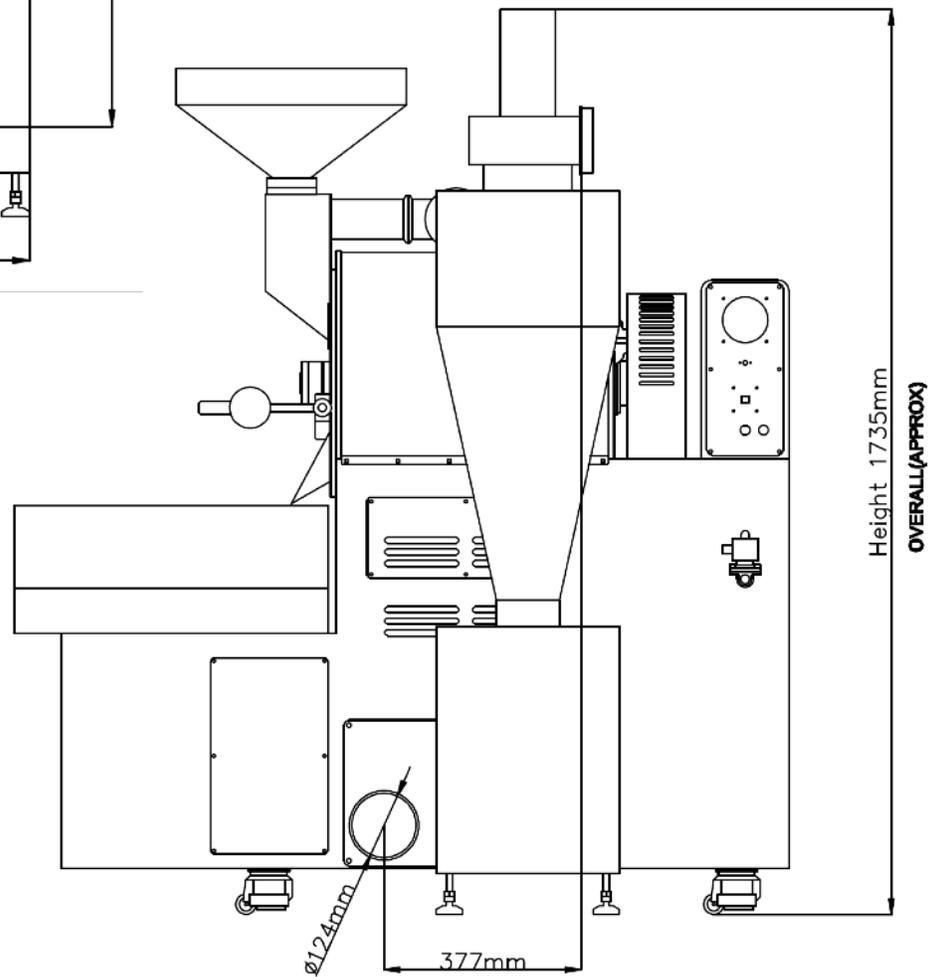
**59x41x69in**

Chaff Unit comes be removed to get unit  
through a standard doorway



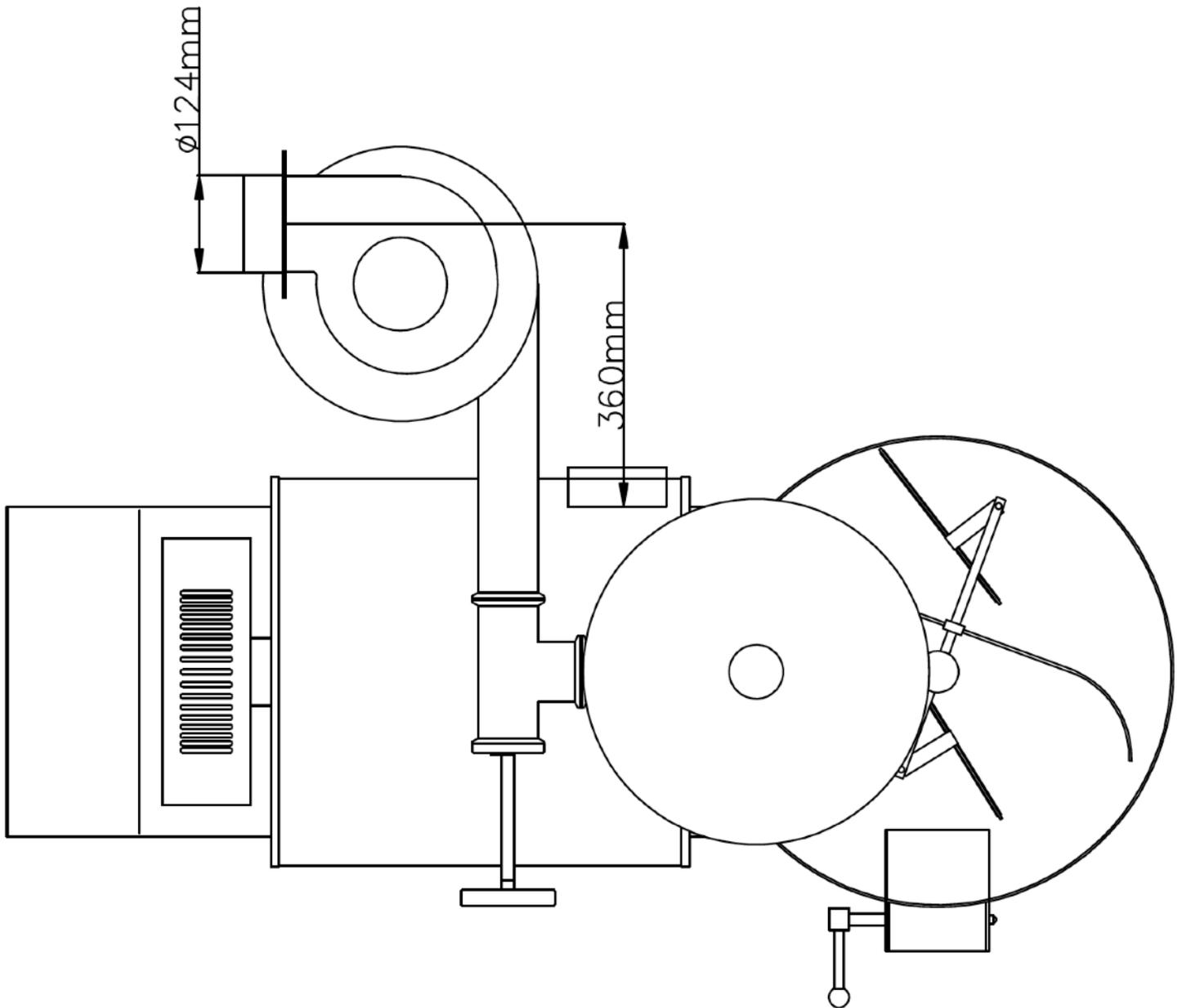
**BC-15 FEATURES A 120W HD  
CHAFF FAN WITH A 5" PIPE  
CONNECTION**

**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**



**CLEARANCE FROM ALL COMBUSTABLE SURFACES:**

**18-24" SPACE ON ALL SIDES**



# 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

<b>SIZE (LxWxH) WITHOUT CHAFF UNIT SIZE SETUP W/ CHAFF UNIT ATTACHED</b>	<b>59x24x69" ROASTER ALONE 59x41x69" ROASTER WITH CHAFF UNIT</b>
<b>WEIGHT</b>	<b>838LB</b>
<b>MINIMUM CLEARANCE FROM COMBUSTABLE MATERIALS</b>	<b>18-24"</b>
<b>ROASTING CAPACITY</b>	<b>3-15LB SINGLE WALL 2 TO 15LB DOUBLE WALL</b>
<b>ROAST TIME &amp; ROASTS PER HOUR</b>	<b>9-14 MINUTES (5 ROASTS PER HOUR GAS. 3.5 PER HOUR ELECTRIC)</b>
<b>DRUM INFORMATION</b>	<b>SW DRUM:</b> 5MM SUPERIOR 304SS CONTAINS 18% CHROMIUM AND 8% NICKEL <b>DW DRUM:</b> HAS TWO LAYERS: ONE OF 3MM & ONE 2MM 304SS WITH 6MM OF AIR CUSHION. SS WELDING (11MM TOTAL THICKNESS ON DW)
<b>ELECTRIC STATS:</b>	<b>GAS MODEL:</b> SINGLE PHASE 220V 50/60HZ 780W REQUIRES STANDARD 15A BREAKER
<b>ELECTRICAL PLUG TYPE</b>	<b>GAS MODELS:</b> 20A 250V 3 WIRE NEMA 6-20P
<b>FUEL CHOICES ON GAS MODELS</b>	<b>LPG GAS STANDARD WITH MODELS. NATURAL GAS CONVERSION KITS OFFERED FOR CUSTOMER INSTALLATION ONLY.</b>
<b>BURNER INFORMATION ON GAS MODELS</b>	<b>SW &amp; DW BURNERS: 21</b>
<b>BTU REQUIRMENTS</b>	<b>82,000 BTU MINIMUM REQUIRED FOR NG LINE</b>
<b>GAS PRESSURE</b>	<b>LPG: 12-16WC (3-4KPA) MARSHALL 1912/197 REGULATOR RECOMMENDED NG: 7-14WC</b>

<b>EXHAUST SETUP</b>	
<b>EXHAUST PIPE REQUIREMENTS</b>	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.
<b>MAXIMUM VENTING LENGTHS</b>	20-25' FROM CHAFF UNIT. DEDUCT 3-5' FOR 45-90 DEGREE PIPE ELBOWS. IF YOU MUST VENT AT LONGER LENGTHS CONSULT A LOCAL TECHNICIAN ON USE OF POSSIBLE BOOSTER FANS
<b>MAXIMUM EXHAUST TEMPERATURES</b>	425-475F
<b>CHAFF UNIT HIGH TEMP.</b>	300-350F
<b>COOLING TRAY HIGH TEMP.</b>	200F
<b>DATA LOGGING VIA ARTISAN OR CROPSTER</b>	BUILT IN DATA LOGGER ATTACHES TO COMPUTER (PC OR MAC) VIA USB OR BLUETOOTH
<b>K TYPE THERMOCOUPLES</b>	BT & ET WITH TWO ADDITIONAL PREDRILLED CAPPED THREADED HOLES TO ADD OR ADJUST LOCATION OF PROBES
<b>MANUFACTURED IN CHINA FOR BC ROASTERS</b>	CUSTOM BUILT FOR BC SPECS IN USA AND OVER 200 LANDS

**FOR MORE INFORMATION SEE:**

**[BCROASTERS.COM](http://BCROASTERS.COM)**

**[HTTP://WWW.BUCKEYECOFFEE.COM](http://WWW.BUCKEYECOFFEE.COM)**

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