

# 2023 BC-3.5 (HD) SW & DW

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

THE 2023 BC-3.5 HD BRINGS FORWARD 9 YEARS OF ADVANCEMENTS IN COMMERCIAL COFFEE ROASTING. THIS YEAR WE ADD THREE NEW KEY FEATURES TO AID THE ROASTMASTER WITH EASIER CONTROL & MAINTENANCE DURING AND AFTER THE ROAST. WE HAVE ADDED A NEW FRONT BEARING SYSTEM THAT ALLOWS FOR EASY DRUM ADJUSTMENTS ON THE FLY WHEN NEEDED. ALSO WE ADDED A BACK DRUM CHAFF WHEEL THAT ALLOWS QUICK RELEASE OF BEAN LOAD IN THE EVENT OF A POWER OUTAGE. WE ALSO UPGRADED THE DATA LOGGER COMPUTER CHIP ALLOWING YOU TO RECORD ARTISAN VIA BLUETOOTH DIRECT TO YOUR COMPUTER WITHOUT THE NEED FOR A BT DONGLE. THE RESULTS ARE MORE CONTROL DURING THE ROAST.

**HERE ARE MORE DETAILS ABOUT THE BC-3.5:**

THE BC-3.5 SW & DW IS ABLE TO ROAST UP TO 3.5LB. PER ROAST. IT IS A GREAT ROASTER FOR A COFFEE SHOP OR A HOME STARTUP BUSINESS. THESE COME IN YOUR CHOICE OF SINGLE OR DOUBLE WALL DRUM ROASTERS. THE DW MODEL CAN ROAST FROM 8OZ. TO 3.5LB. (SW-16OZ TO 3.5LB.) PER ROAST AND UP TO 5 ROASTS PER HOUR ON OUR GAS MODELS. IT WAS BUILT WITH THE SAME COMPONENTS AS THE BIG COMMERCIAL ROASTERS. IT HAS ALL THE FEATURES MOST COMPANIES CHARGE EXTRA FOR BUILT RIGHT INTO THE BASE PRICE. SOLID HEAVY-DUTY STAINLESS STEEL DRUMS IN SINGLE OR DOUBLE WALL AND BUILT IN PROFILING SYSTEM FOR BT & ET. DIRECT-CONNECT CHAFF UNIT FOR EFFICIENCY & REDUCED FOOTPRINT. COMES IN CHOICE OF GAS OR ALL ELECTRIC. NOW MORE THAN EVER IT'S TIME TO "GET YOUR ROAST ON!"

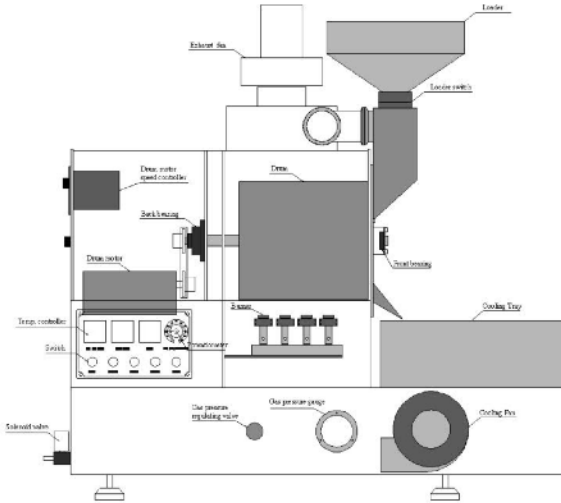


## SPEC SHEET

BC-3.5MD	GAS TYPE	ELEC. TYPE
Batch Size	8oz-3.5lb	8oz-3lb.
Roasting Time	9-14 minutes	15min.
Production	14-18b.hr	9-12
Heat Source	NG/LPG	electric
Voltage	220V	220V
Wattage	240W	4240W
Drum Motor	60W	60W
Chaff Fan Motor	60W	45W
Cooling Fan Motor	60W	60W
MIXING ARM	15W	15W
BTU	30-35,000	
NG PRESSURE	Recommended 7WC	
LPG PRESSURE	MAX.18WC	
Gas Consumption	0.3KG/hr .	
Roaster Dim.	38x25x37 Inches	
Roaster Weight	140KG 307lb.	
Crate Dim	48x33x43 (LxWxH)	
Crate weight	168Kg 370lb.	

## FEATURES

- SINGLE & DOUBLE WALL OPTIONS
- COMPUTER PROFILING VIA USB OR BT
- TWO 3mm THICK K TYPE THERMOCOUPLES
- COMPLETE DETAILS ON CONTROL PANEL
- 1 YEAR PARTS AND INSTRUCTION WARRANTY
- MINIMUM 10 YEAR IN STOCK PART SUPPLY
- FREE 110 VOLTAGE CONVERTER FOR USA



THE BC-3.5 IS A HEAVY DUTY ROASTER BUILT WITH A CARBON STEEL BODY WITH APPROVED POWDER COAT HIGH TEMPERATURE BODY IN BLACK, WHITE OR RED . THE HOUSINGS COME IN SOLID COLOR CHOICES & TEXTURED COLORS. TWO EXHAUST PIPES COMES OFF THE BC-3. THE EXHAUST OFF THE NEW HD CHAFF FDANS IS 4" WIDE & THE COOLING TRAY IS 3".

BE EXHAUSTED OUT OF BUILDING SEPARATELY OR CONNECTED WITH A BLAST OR BACKDRAFT DAMPER

**BC ROASTERS NOW COME IN 3 BODY COLORS:  
BLACK, RED & WHITE**



BLACK BODY WITH BLACK CHECKERED HOUSING



RED BODY WITH GOLD CHECKERED HOUSING



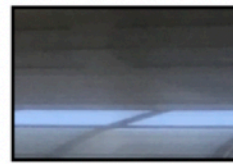
WHITE BODY WITH ROSE GOLD HOUSING



ROSE GOLD



STAINLESS



BLACK TITANIUM

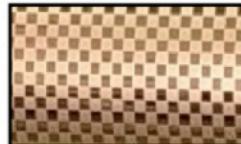
**SOLID COLORS**

**TEXTURED HOUSINGS**

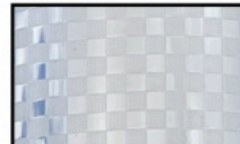
**CHECKERED**



CHECKERED BLACK



CHECKERED GOLD



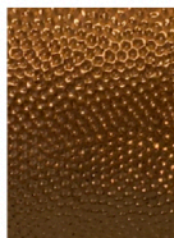
CHECKERED SILVER

**NEW FOR 2021 & 2022**

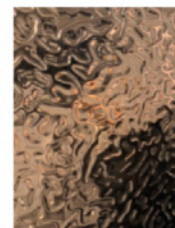
SILVER RAINDROP

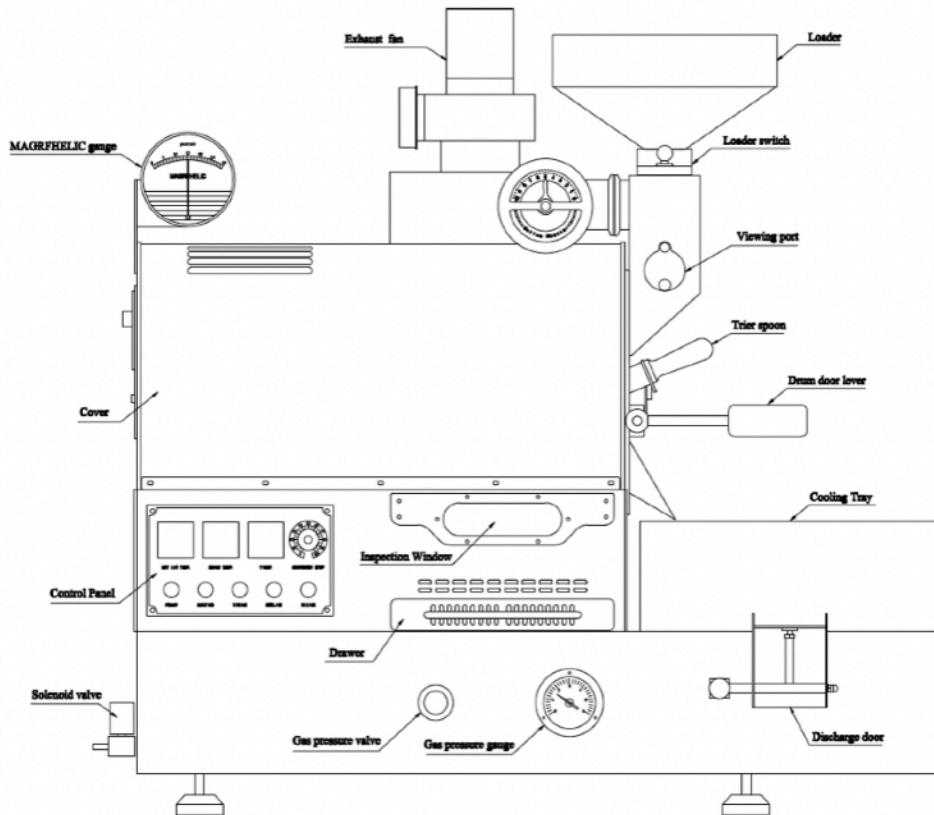
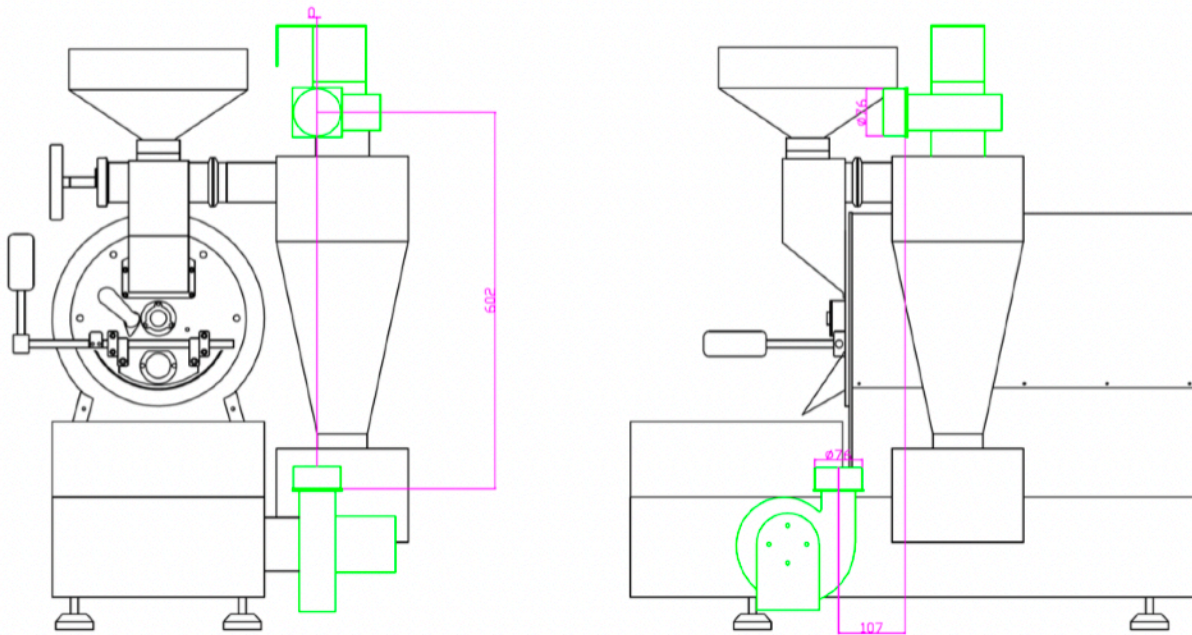


GOLD RAINDROP



NEW FOR 2022: HAMMERED GOLD





# BC-3.5 COMMERCIAL COFFEE ROASTER

\*TABLETOP OR STAND MODEL (18-24" STAND SUGGESTED)  
\*DIRECT CONNECT CHAFF UNIT FOR SMALLER FOOTPRINT  
\*CHOICE OF ALL ELECTRIC OR GAS MODELS

<b>SIZE SETUP (LxWxH)</b>	38x25x37" (LxWxH) INCLUDES DIRECT CONNECT CHAFF UNIT IN MEASUREMENT
<b>WEIGHT</b>	307LB
<b>MINIMUM CLEARANCE FROM COMBUSTABLE MATERIALS</b>	18-24"
<b>ROASTING CAPACITY</b>	1 LB TO 3.5LB SINGLE WALL 8OZ TO 3.5LB DOUBLE WALL
<b>ROAST TIME &amp; ROASTS PER HOUR</b>	9-14 MINUTES (5 ROASTS PER HOUR GAS. 3.5 PER HOUR ELECTRIC)
<b>DRUM INFORMATION</b>	<b>SW DRUM:</b> 4MM SUPERIOR 304SS CONTAINS 18% CHROMIUM AND 8% NICKEL <b>DW DRUM:</b> HAS TWO LAYERS OF 2MM 304SS WITH 4MM OF AIR CUSHION. SS WELDING
<b>ELECTRIC STATS:</b>	<b>GAS MODEL:</b> SINGLE PHASE 220V 50/60HZ 225W REQUIRES STANDARD 15A BREAKER <b>ALL ELECTRIC MODELS:</b> SINGLE PHASE 220V 50/60HZ 5225W REQUIRES 30A DEDICATED BREAKER
<b>ELECTRICAL PLUG TYPE</b>	<b>GAS MODELS:</b> 20A 250V 3 WIRE NEMA 6-20P <b>ELECTRIC TYPE:</b> LOCKING PLUG 250V 30A NEMA L6-30P
<b>FUEL CHOICES ON GAS MODELS</b>	LPG GAS STANDARD WITH MODELS. NATURAL GAS CONVERSION KITS OFFERED FOR CUSTOMER INSTALLATION ONLY.
<b>BURNER INFORMATION ON GAS MODELS</b>	<b>SW BURNERS:</b> 6 STANDARD HD BURNERS <b>DW BURNERS:</b> 8 STANDARD HD BURNERS
<b>BTU REQUIRMENTS</b>	30,000 BTU MINIMUM REQUIRED FOR NG LINE
<b>GAS PRESSURE</b>	<b>LPG:</b> 12-16WC (3-4KPA) MARSHALL 1912/197 REGULATOR RECOMMENDED <b>NG:</b> 7-14WC
<b>EXHAUST PIPE SIZE</b>	100MM (4") OFF CHAFF UNIT. 76MM (3" OFF COOLING TRAY)



## **OPTIONAL COOLING TRAY COVERS**

COOLING TRAY COVERS PROTECT HANDS AND KEEP PRODUCT SANITARY ESPECIALLY WHEN ROASTERS ARE LOCATED IN COFFEE SHOPS AND WAREHOUSES.

<b>EXHAUST SETUP</b>	
<b>EXHAUST PIPE REQUIREMENTS</b>	POSITIVE PRESSURE EXHAUST VENTING WITH MINIMUM CLEARANCE 18-24" FROM COMBUSTABLE MATERIALS
<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

## **IMPORTANT NOTE ON EXHAUST SETUP OF THE NEW HD LINE OF ROASTERS:**

THE NEW 2022 HD LINE OF ROASTERS INTRODUCED IN 2021 FEATURE A NEW HEAVY DUTY CHAFF FAN. THIS FAN HAS AN EXHAUST PIPE OF 100MM. THEREFORE IT REQUIRES A 4" PIPE TO ATTACH TO THE CHAFF EXHAUST (OTHER MODELS THAT ARE NOT THE NEW HD LINE USE A 3" PIPE)

YOU MAY CHOOSE TO GET A 4 PIPE TO RUN AS MAIN EXHAUST OFF CHAFF UNIT. 3" EXHAUST OFF COOLING TRAY

### COMPUTER DATA LOGGING VIA ARTISAN SOFTWARE

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



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