

2022 BC-3.5 (HD) SW & DW

BY BCROASTERS.COM

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 NOW 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. THE **NEW HD 2022 SERIES** IS ARRIVING AHEAD OF ITS TIME IN MARCH 2021 TO OFFER ALL THE GREAT FEATURES THE BC'S ARE KNOWN FOR PLUS A NEW HEAVY DUTY CHAFF FAN & GAS GAUGE SYSTEM! **BRING ON 2022!**

SPEC SHEET

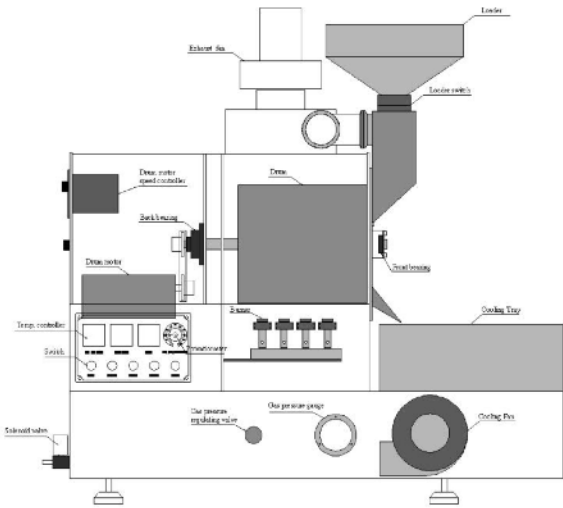
BC-3.5MD	GAS TYPE	ELEC. TYPE
Batch Size	8oz-3.5lb	8oz-3lb.
Roasting Time	9-14 minutes	15min.
Production	14-18b.hr	9-12
Heat Source	NG/LPG	electric
Voltage	220V	220V
Wattage	240W	4240W
Drum Motor	60W	60W
Chaff Fan Motor	60W	45W
Cooling Fan Motor	60W	60W
MIXING ARM	15W	15W
BTU	30-35,000	
NG PRESSURE	Recommended 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

DRUM TYPE
DATA LOGGING
THERMOCOUPLES
CONTROL PANEL
WARRANTY
PARTS AVAILABLE
110V CONVERTER

Single Wall 4mm or Double 8mm
2 OMRON CONTROLS
K-TYPE for BT (3mm thick)
BT&ET VEIW ON PANEL
1 YEAR PARTS & INSTRUCTION
10 Year Parts Available Guarantee
110V Voltage Converter included.



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 AT 3" AS SHOWN BELOW AND CAN BE EXHAUSTED OUT OF BUILDING SEPARATELY OR CONNECTED WITH A BLAST OR BACKDRAFT DAMPER

NOW IN BODY COLOR CHOICES OF BLACK, WHITE or RED!



OPTIONAL COOLING TRAY COVERS

THE 2021 BC-3.5'S HAVE VERTICAL COOLING FANS TO REDUCE THE EXHAUST PIPING NEEDED DURING SETUP:

BC COLORS 2021

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

SOLID COLORS



ROSE GOLD



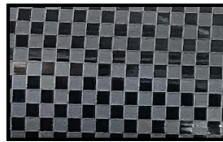
STAINLESS



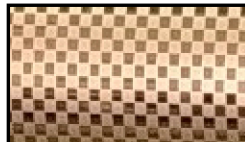
BLACK TITANIUM

TEXTURED HOUSINGS

CHECKERED



**CHECKERED
BLACK**



**CHECKERED
GOLD**



**CHECKERED
SILVER**

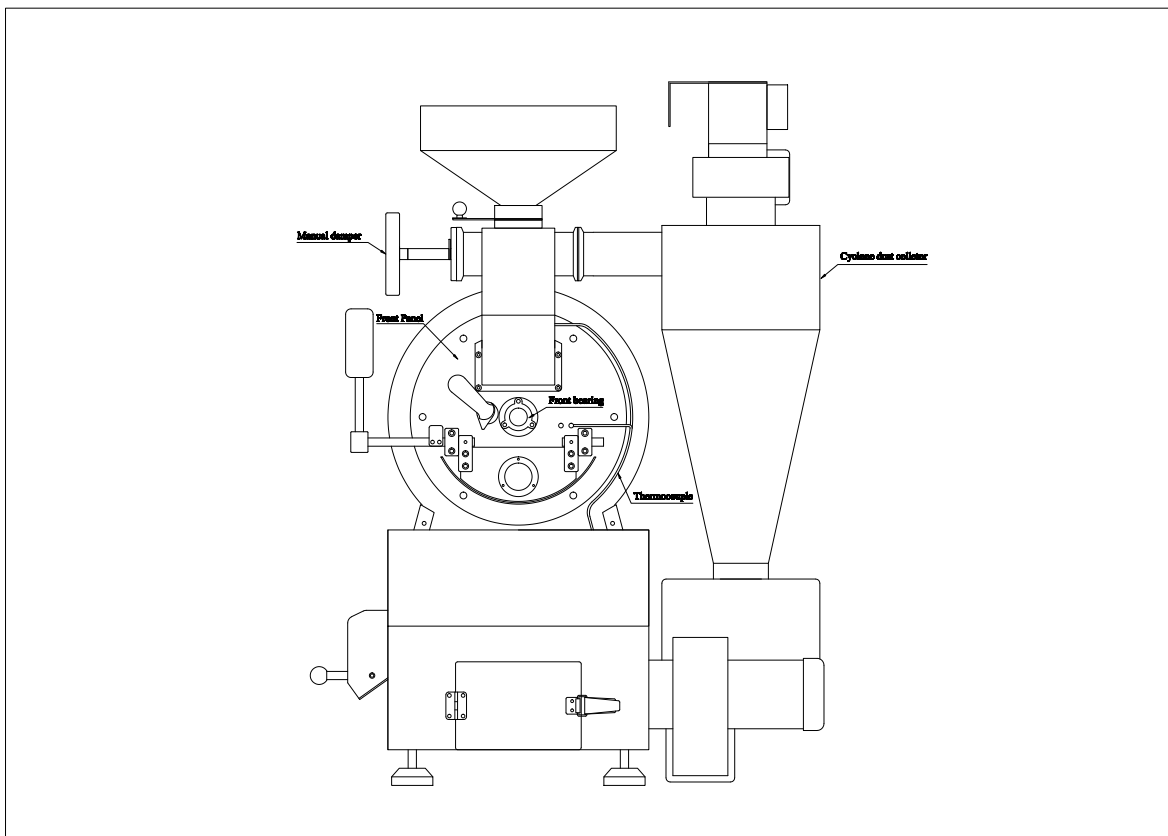
NEW FOR 2021

**SILVER
RAINDROP**



**GOLD
MOSAIC**

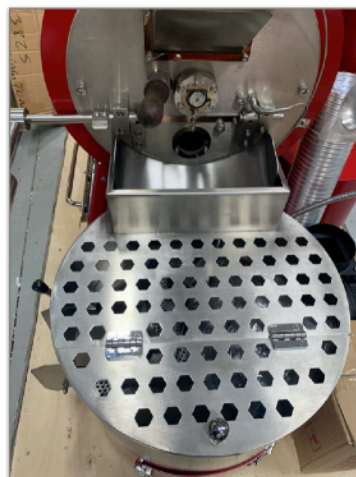




THE 2021 FEATURES PLUS THE 2022 HD ONES!

NEW 2021 FEATURES & OPTIONS:

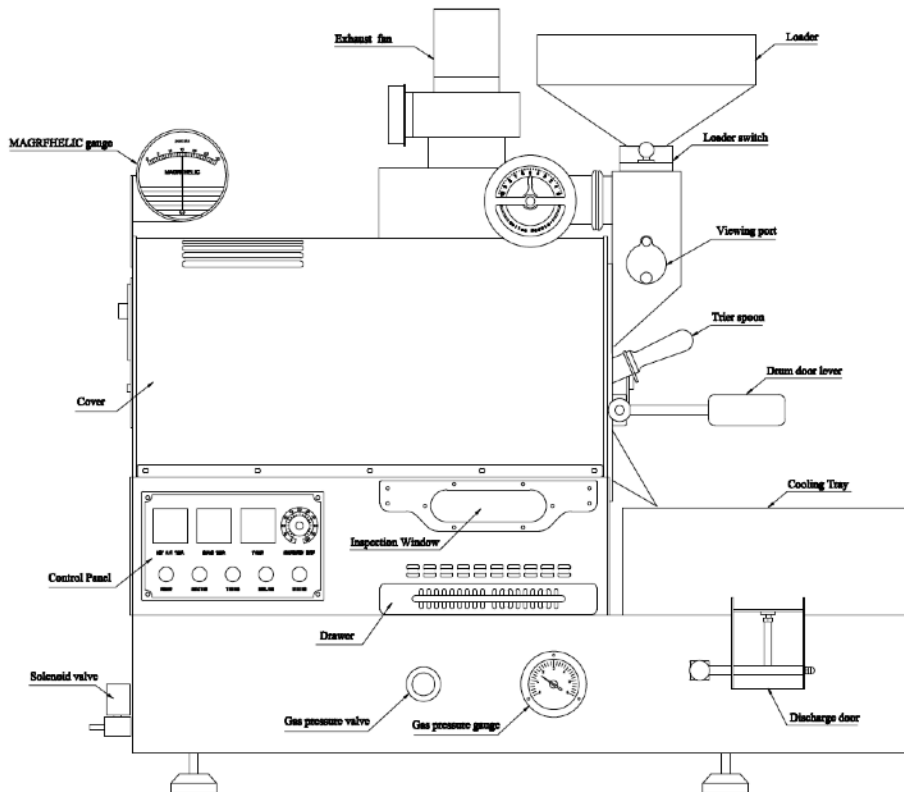
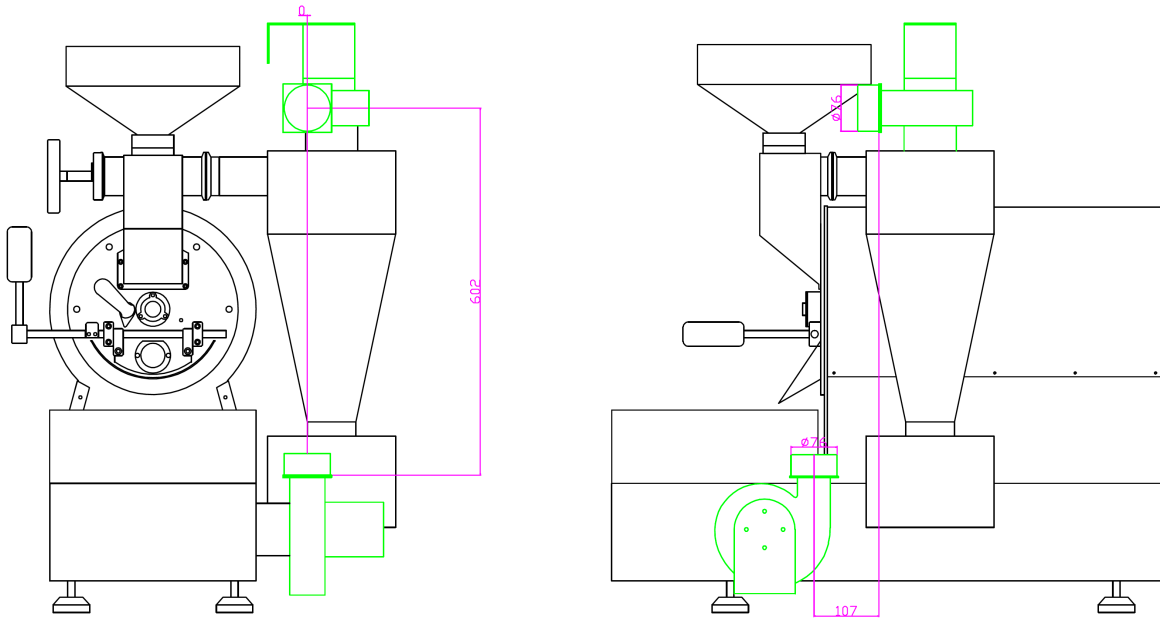
- + COOLING TRAY FAN IS VERTICAL FOR EASY VENTING
- + **NEW 3MM THICK THERMOCOUPLES**
- + OPTIONAL COOLING TRAY COVER NEW FOR 2021!



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 5 TO 6 IN. REDUCER PIPE TO RUN A 6" LINE AS MAIN EXHAUST OFF CHAFF UNIT.

2021 BC-3.5 DRAWING



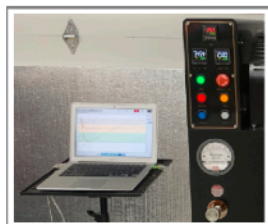
BC-3.5 COMMERCIAL COFFEE ROASTER

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

SIZE SETUP (LxWxH)	38X25X37" (LxWxH) INCLUDES DIRECT CONNECT CHAFF UNIT IN MEASUREMENT
WEIGHT	307LB
MINIMUM CLEARANCE FROM COMBUSTABLE MATERIALS	18-24"
ROASTING CAPACITY	1-3.5LB SINGLE WALL 8OZ TO 3.5LB DOUBLE WALL
ROAST TIME & ROASTS PER HOUR	9-14 MINUTES (5 ROASTS PER HOUR GAS. 3.5 PER HOUR ELECTRIC)
DRUM INFORMATION	SW DRUM: 4MM SUPERIOR 304SS CONTAINS 18% CHROMIUM AND 8% NICKEL DW DRUM: HAS TWO LAYERS OF 2MM 304SS WITH 4MM OF AIR CUSHION. SS WELDING
ELECTRIC STATS:	GAS MODEL: SINGLE PHASE 220V 50/60HZ 225W REQUIRES STANDARD 15A BREAKER ALL ELECTRIC MODELS: SINGLE PHASE 220V 50/60HZ 5225W REQUIRES 30A DEDICATED BREAKER
ELECTRICAL PLUG TYPE	GAS MODELS: 20A 250V 3 WIRE NEMA 6-20P ELECTRIC TYPE: LOCKING PLUG 250V 30A NEMA L6-30P
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 BURNERS: 6 STANDARD HD BURNERS DW BURNERS: 8 STANDARD HD BURNERS
BTU REQUIRMENTS	30,000 BTU MINIMUM REQUIRED FOR NG LINE
GAS PRESSURE	LPG: 12-16WC (3-4KPA) MARSHALL 1912/197 REGULATOR RECOMMENDED NG: 7-14WC
EXHAUST PIPE SIZE	100MM (4") OFF CHAFF UNIT. 76MM (3" 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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EXHAUST SETUP	
EXHAUST PIPE REQUIREMENTS	POSITIVE PRESSURE EXHAUST VENTING WITH MINIMUM CLEARANCE 18-24" FROM COMBUSTABLE MATERIALS
MAXIMUM VENTING LENGTHS	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
MAXIMUM EXHAUST TEMPERATURES	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

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