



Leadership Through Technology **COMMERCIAL ROASTERS**

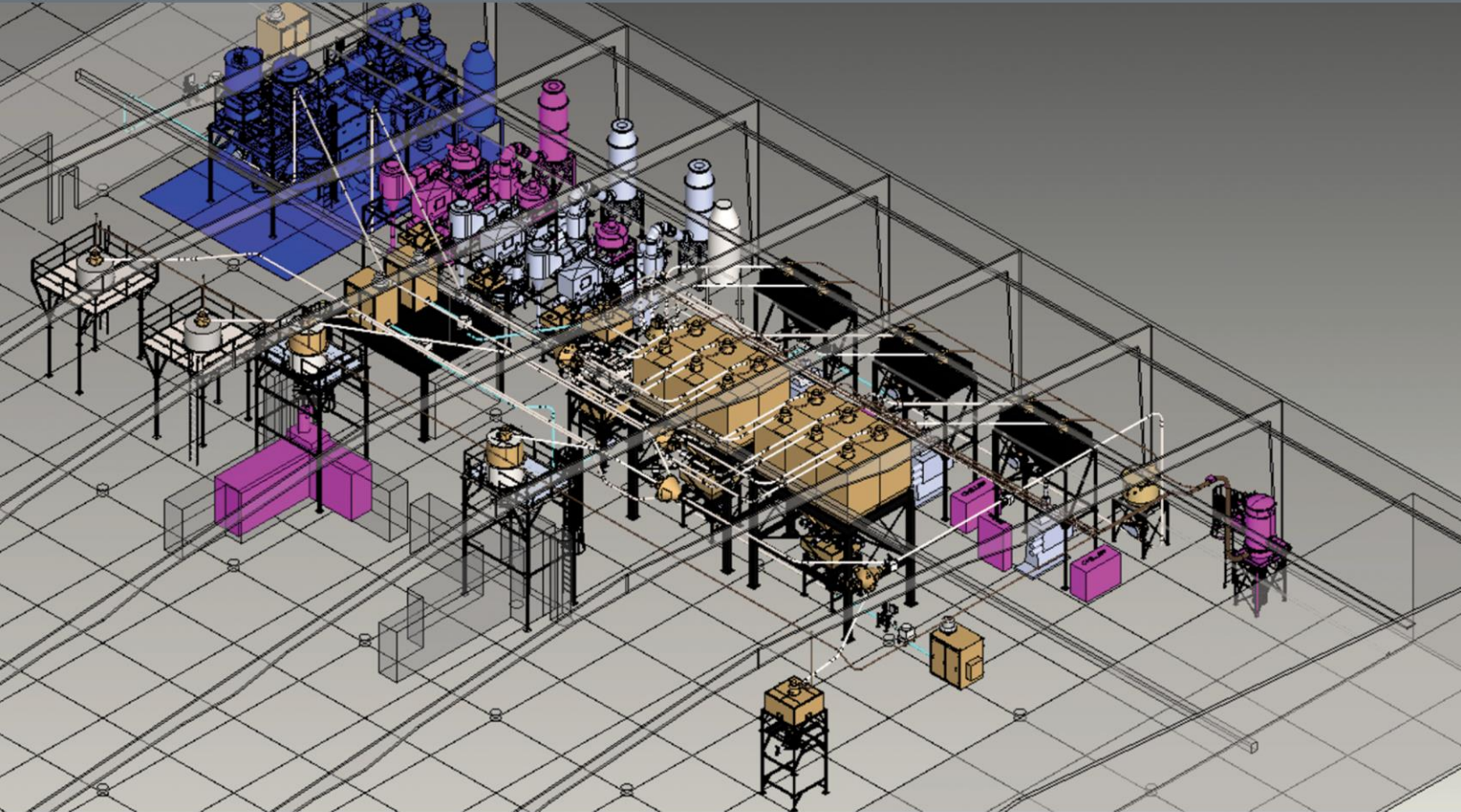
Precision Engineering for the Perfect Roast

DIEDRICH®
DiedrichRoasters.com

1.844.343.3742
Chicago, IL | Ponderay, ID
Sales@DiedrichRoasters.com

Full Facility Concept

Innovation. Precision. Repeatability.



DIEDRICH[®]

Complete US-Based Roaster & Facility Controls

Our advanced control systems are powered by Allen-Bradley components and seamlessly integrated into our US-based applications. Designed for precision and consistency, our controls offer unparalleled automation and performance, backed by expert US support to keep your operation running smoothly.

Precision Controls

Intelligent Automation for Consistency,
Efficiency, and Growth



Real-Time Monitoring & Controls

Easily track roast status
and surrounding vessel
activity. Pause or adjust
schedules instantly with
intuitive controls for
seamless operation.

**Programmed In-House
Designed for Unrivaled
Consistency & Scalability**

Utilize technology intelligently
and effectively to advance
higher revenues and returns.

DIEDRICH®



Expanded Process Systems Solution

Advances in automation and standardization to increase efficiency and productivity.

Roast with confidence.



Maximize Quality and Performance

Our innovative process design capabilities to support you in a seamless start-to finish coffee processing system.



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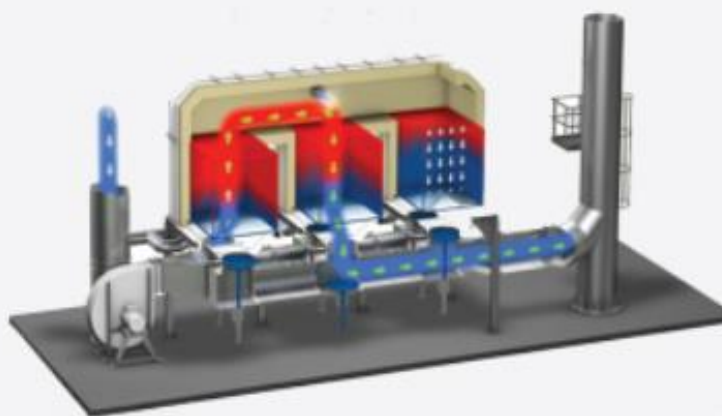
ENVIRONMENTAL CONTROLS





Sustainability. Compliance. Energy Efficiency.

RTO Roaster Abatement System



Creating smarter, more sustainable
coffee roasting operation that benefits
your business and the environment.

Catalytic Oxidizer

Efficient Emission Control with Lower Energy Demand



EXPERIENCE THE DIEDRICH DIFFERENCE

Facility Concept & Design:

Industry expertise providing solutions, guidance, and resources to grow your business.

- Crafted with solid carbon steel drums to distribute heat evenly
- Production and inventory control techniques
- Quality Control System Development
- Process project development
- Equipment specifications & procurement
- Business plan development
- Facility evaluation
- Equipment installation, startup, & commissioning



PROCESS ENGINEERING SERVICES



US-DESIGN, SUPPORT, & SERVICE



ROASTER TRAINING & SUPPORT

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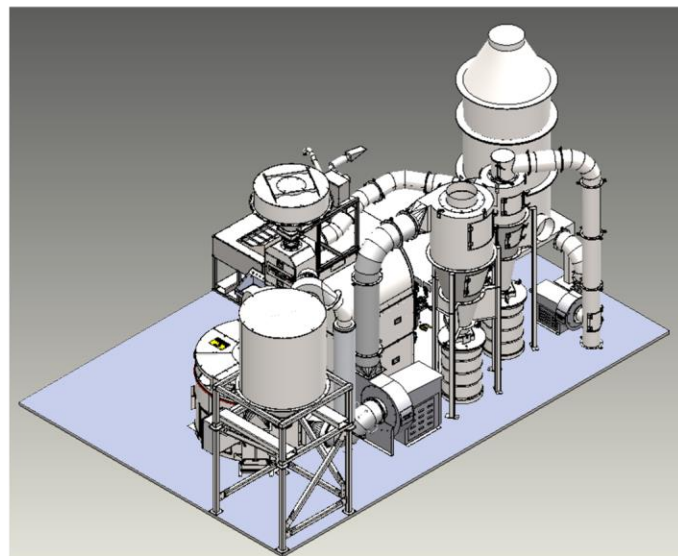
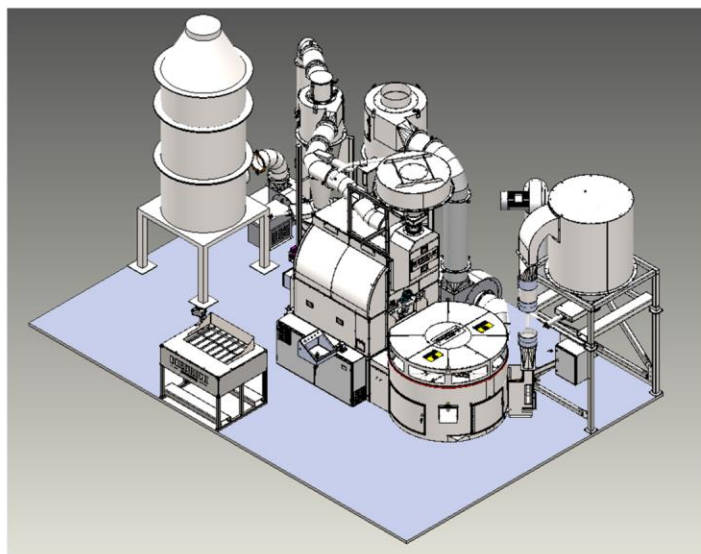
DIEDRICH®
Leadership Through
Technology

DR-70

70 kg batch Roaster

Up to 616 lbs / hr
Batch size is approx.
70 kg / 154 lbs
of green coffee.

General Information		
	English Units	Metric Units
Green coffee capacity approx., min-max	77 – 154 lb.	35 - 70 kg
Dimensions, maximum L x W x H	156 x 99 x 102 in	4098 x 2134 x 2549 mm
Gas Information		
Gas Types (Ordered gas specific)	Natural Gas / Liquid Propane	
Inlet Pressure	1-5 psi	27.4 mbar
Inlet Gas Supply Connection	3/4 Inch Female NPT on the Roaster	
Electrical Information		
Volts AC	200-240V 3 PH & 380-415V 3PH	



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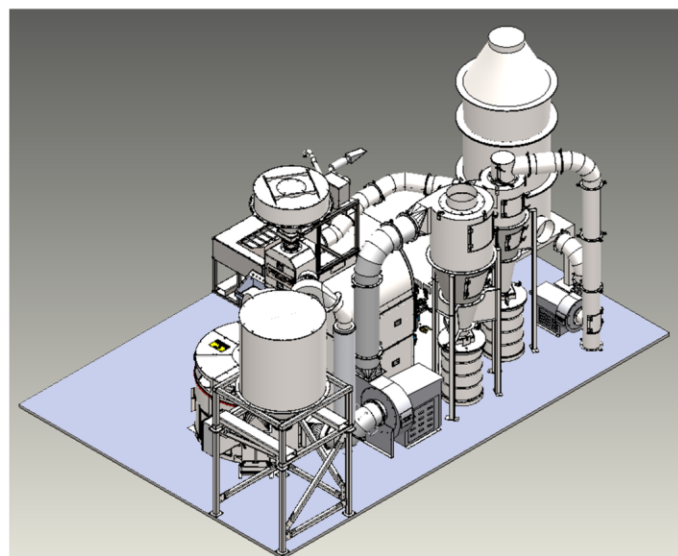
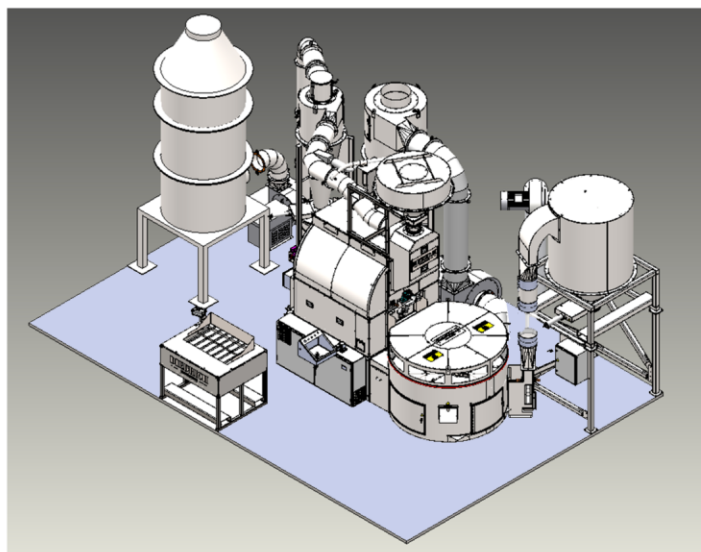
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DR-140

140 kg batch Roaster

Up to 1232 lbs / hr
Batch size is approx.
140 kg / 308 lbs
of green coffee.

General Information		
	English Units	Metric Units
Green coffee capacity approx., min-max	154.5 – 308 lb.	70 - 140 kg
Dimensions, maximum L x W x H	17'5" x 10'7" x 13'5"	5309x 3226 x 4089 mm
Gas Information		
Gas Types (Ordered gas specific)	Natural Gas / Liquid Propane	
Inlet Pressure	1-2 psi	68.9-137.9 mbar
Inlet Gas Supply Connection	1 Inch Female NPT	
Electrical Information		
Volts AC	380-415V 3PH & 480V 3PH	



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DR-280

280 kg batch Roaster

Up to 2464 lbs / hr
Batch size is approx.
280 kg / 616 lbs
of green coffee.

General Information

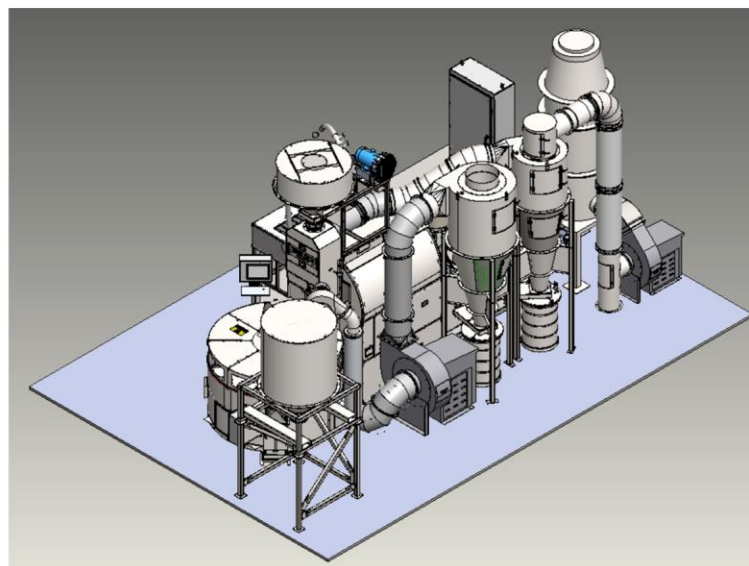
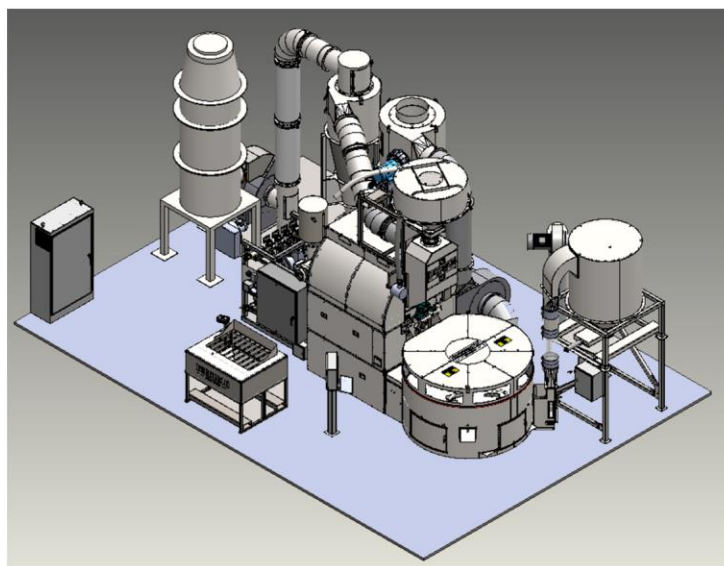
	English Units	Metric Units
Green coffee capacity approx., min-max	308 – 616 lb.	140 - 280 kg
Dimensions, maximum L x W x H	368" x 217" x 178"	9.345 x 5.505 x 4.5 m

Gas Information

Gas Types (Ordered gas specific)	Natural gas, Liquid Propane	
Inlet Pressure	2 psi	68.9-137.9 mbar
Inlet Gas Supply Connection	2 Inch Female NPT	

Electrical Information

Volts AC	380-415V 3PH & 480V 3PH	
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DIEDRICH
ROASTERS

NOTICE
AUTHORIZED
PERSONNEL
ONLY

COFFEE
BILLY

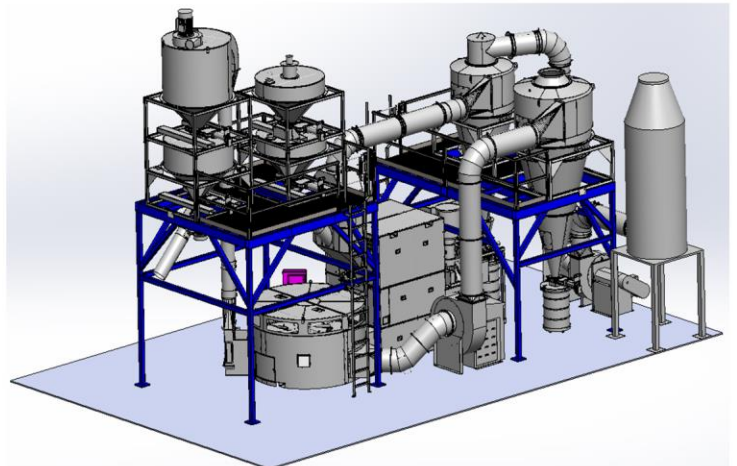
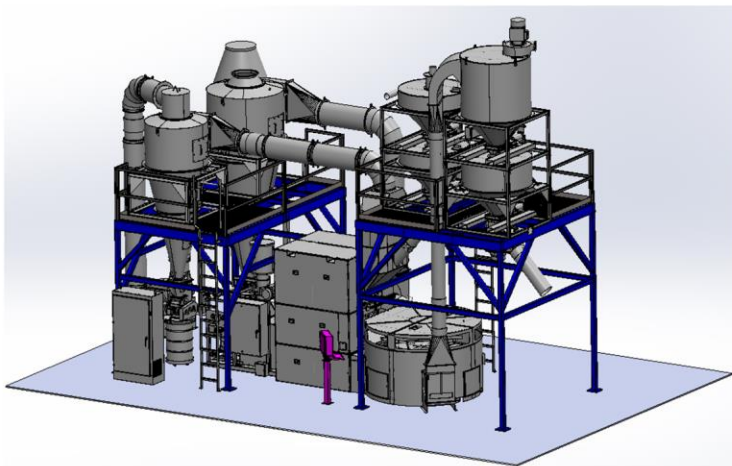
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DR-360

360 kg Batch Roaster

Up to 3168 lb / hr
Batch size is approx.
360 kg / 792 lb
of green coffee.

General Information		
	English Units	Metric Units
Green coffee capacity approx., min-max	396 – 792 lbs	180 – 360 kg
Dimensions, maximum L x W x H	447 x 275 x 321 in	11.351 x 6.993 x 8.155 m
Recommended space, minimum L x W x H	516 x 336 x 357 in	13.106 x 8.534 x 9.067 m
Gas Information		
Gas Types (Ordered gas specific)	Natural Gas / Liquid Propane	
Inlet Pressure	1-5 psi	69-345 mbar
Inlet Gas Supply Connection	2 Inch Female NPT	
Electrical Information		
Volts AC for Controls	110 V 1 PH	
Volts AC for Roaster	480V 3 PH	



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US-Based Customer Support & Training

Optimize performance, prevent downtime,
and reduce operating costs.



Keeping You Roasting with Expert Support & Service

Precision roasting starts with expert support. We're here to support you every step of the way. From expert US-based technical support to comprehensive roasting education and training, we provide the knowledge, tools, and guidance you need to refine your craft and maximize efficiency.

