

PUT OUR UNIQUE COFFEE EXPERTISE AND METICULOUS GERMAN ENGINEERING TO WORK WITH OUR LARGE-BATCH ROASTERS.

Regardless of the origin of your beans, your roasting profile or preparation method, Probat large-batch roasters deliver gentle, consistent roasting with precise, user-friendly controls. Our solid drum, centrifugal and tangential roasters are designed for reliability and high-efficiency operation.



R SERIES

Solid Drum | 2,200–4,400 lbs./hour

- Mixing system and ideal drum design for optimal mixing and consistent roasting
- Recirculating and nonrecirculating
- Double-walled roasting drum to protect beans from scorching, while providing even roasting
- Large cooling tray for effective cooling
- Analog dampers and burner controls permit a wide range of temperatures and airflow rates
- Sight glass, bean thermocouple and product sampler for monitoring roast development
- Optional online moisture analysis and quench control to achieve desired residual moisture content

Controls

- Manual or profile roasting controls
- Roaster controls to precisely replicate desired profiles
- Automatic thermal clean-out features



NEPTUNE SERIES

Solid Drum | 440–6,600 lbs./hour

- Remote mounted water rack for easy operator access
- Optional online moisture analysis and quench control to achieve desired residual moisture content
- New housing design with revised drum insulation to meet up to date food safety requirements, added maintenance hatches and easily removable exterior cladding
- Latest burner technology with firing manager and digital power converter

Controls

- Manual or profile roasting controls
- Roaster controls to precisely replicate desired profiles
- Recipe management and batch data storage
- Safest available controls, up to SIL II (Safety Indication Level II) standard

Probat Inc.

601 Corporate Woods Parkway | Vernon Hills, IL 60061
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SATURN SERIES

Centrifugal | 5,500–8,800 lbs./hour

- Rotating roaster bowl design producing figure-eight bean movement pattern for uniform roasting and optimal heat transfer from air to bean
- Forward-thinking design for easy future maintenance
- Water quenching and flat bed coolers for fast cooling
- Optional green coffee pre-heating for lower energy use and greater capacity
- Optional high air volume design for Super-Yield roasting

Controls

- Expandable touch-screen control panel for easy operation
- Recipe management with learning mode
- Optional extension with additional operating stations
- Safest available controls, up to SIL II (Safety Indication Level II) standard



JUPITER SERIES

Tangential | 1,100–11,000 lbs./hour

- Roasting chamber with gentle shovel mechanism for optimal mixing and optimal air to bean contact
- Sealed discharge door to permit roasting of small or broken beans
- Recirculating roaster to maximize energy efficiency
- Variable roasting air bypass for ultimate roast profile flexibility
- Water quenching for terminating the roast and for fluidized bed cooling after discharge
- Optional green coffee pre-heating for lower energy use and greater capacity
- Optional high air volume design for Super-Yield roasting

Controls

- Expandable touch-screen control panel for easy operation
- Recipe management with learning mode
- Optional extension with additional operating stations
- Safest available controls, up to SIL II (Safety Indication Level II) standard



Probat is the world's most trusted name in comprehensive coffee roasting solutions. We deliver exceptional roasters, grinders, software, controls and more, that set the standard for quality, longevity and return on investment. With 150 years of experience in the art and science of roasting coffee, and unmatched resources in engineering, R&D, sales and service, Probat provides the most knowledgeable consultation, backed by premier installation services and remarkably responsive local support. Our commitment to excellence allows you to focus on the success of your business, for generations to come.

Probat large-batch roasters are designed to last a lifetime, and offer the lowest total cost of ownership. To learn more, call **877.683.8113** or visit **probatburns.com**.

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