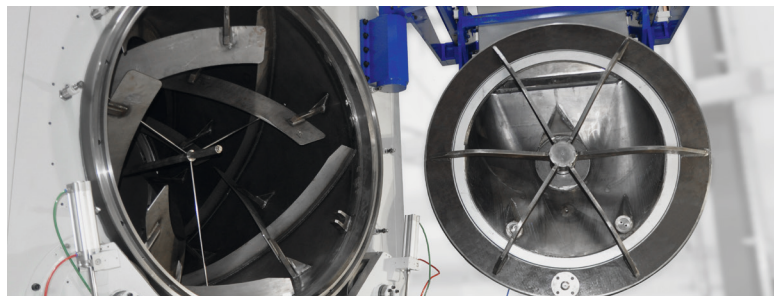


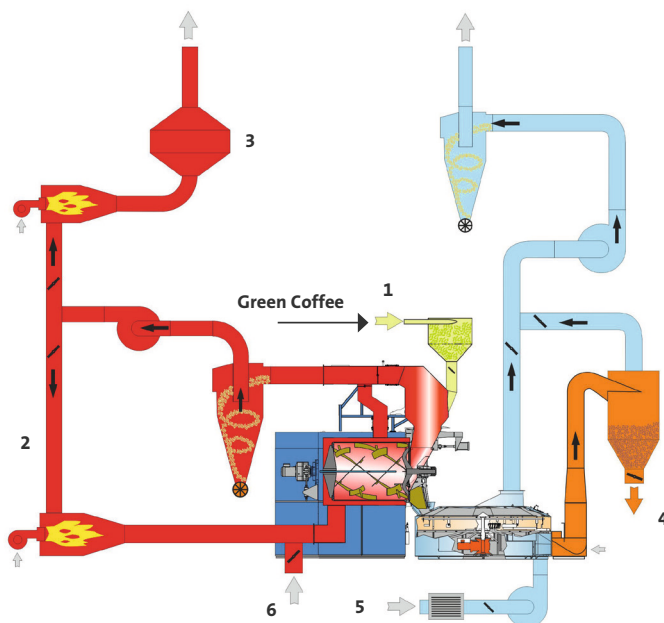
# DRUM-TYPE ROASTER MAESTRO 3000



## DRUM-TYPE ROASTER / MAESTRO 3000

More than a drum – The MAESTRO combines traditional drum roasting with features well established from the RFB air roasting technology. New design solutions for the energy transfer management and advanced software tools allow a wide range of roasting profiles far beyond the established scope. With capacities up to 3.000 kg/h the MAESTRO is developed for large capacities, whereas the focus in the development of the roaster is on homogeneous qualities both within the single batches and across the entire roasting operation. Software features like PROFILE DESIGNER or DARK ROAST enlarge the roasting possibilities, and advanced exhaust gas treatment systems ensure sustainable operation. Neuhaus Neotec offers the single roasting machine as well as complete roasting lines with feeding systems and post-production.

- Batch size: 450 – 660 kg
- Exact temperature measuring and indication
- Uniform roasting which can be exactly reproduced
- Efficient heat transfer due to continuous and intensive flow of roasting air through the batch.
- KONDUX-flap system to control the aroma development additionally via management of conductive and convective heat transfer
- Recirculation of roasting gases for minimum energy consumption. The external burner heats the circulating roasting gases to the set temperature level and stabilizes them by a control circuit.
- Different exhaust treatment systems from conventional up to advanced cleaning systems are available according to the local regulations and requirements.
- Easy operation via programmable logic controller (PLC) together with an operating panel. A large touch panel at the roaster allows manual and fully automatic operation. Optionally the roaster can be operated from a separate visualization system in a control room



### Optional

- Profile- and Copy-Roasting
- Dark Roast Package for roasts up to 35 CTN (Colortest II value)
- CO monitoring
- Integrated airlift destoner
- Uninterruptible Power Supply
- Additional visualization for separate control room

### DRUM-TYPE ROASTER CTR-3000

- |                                   |                       |
|-----------------------------------|-----------------------|
| 1 Green coffee feeding            | 4 Airlift destoner    |
| 2 Recirculation system            | 5 Outside air cooling |
| 3 Catalyst system with pre-burner | 6 Purge air           |