What is claimed:

1. A bean roasting system having a roasting chamber assembly, comprising:

a roasting drum having an opening and having an inside surface with a back end and a front end;

an agitator having blades mounted to an axial shaft, the axial shaft having an anterior end portion; and

a door mounted rotationally relative to the opening of the roasting drum, the door including:

a glass plate to provide visual access to contents inside the roasting drum when the door is closed over the opening; and

a bearing assembly including an outer housing mounted to the glass plate and an inner bearing defining a receiving hole that receives and supports the anterior end portion of the axial shaft when the door is closed.

2. The bean roasting system of claim 1 the axial shaft has a posterior end, the bean roasting system further comprising a motor system that supports and is configured to rotate the posterior end.

3. The bean roasting system of claim 1 wherein the agitator blades rest against a lower inside surface of the roasting drum when the door is rotated away from the opening and in an open position.

4. The bean roasting system of claim 3 wherein moving the door to a closed position causes the receiving hole of the bearing assembly to engage the anterior end portion and lift to a blade assembly off of the lower inside surface of the roasting drum.

5. The bean roasting system of claim 1 wherein the receiving hole in the bearing assembly is tapered to provide an alignment between the receiving hole and the anterior end portion of the axial shaft.

6. The bean roasting system of claim 5 wherein the axial shaft tapers toward the anterior end portion.

7. The bean roasting system of claim 6 wherein the axial shaft anterior end portion has a taper angle that substantially matches a taper angle of the receiving hole.

8. The bean roasting system of claim 1 further comprising a circular ball bearing race between the outer housing and the inner bearing of the bearing assembly.

9. The bean roasting system of claim 1 wherein the glass plate has an opening, the bearing assembly seals to the glass plate to seal the opening in the glass plate.

10. The bean roasting system of claim 1 wherein the inside surface of the roasting drum defines a central axis of the roasting drum, the axial shaft of the agitator defines a central axis of the agitator, the central axis of the roasting drum is substantially aligned to the central axis of the agitator when the anterior end portion of the axial shaft engages the receiving hole as the door is moved to a closed position.

11. The bean roasting system of claim 1, further comprising:

a front plate fixedly coupled to the roasting drum and defining an opening substantially aligned with the opening of the roasting drum, the door rotationally mounted to the front plate.

12. A bean roasting system, comprising:

a roasting drum defining an opening, a horizontal central axis, a back end and a front end;

an agitator having blades mounted to an axial shaft, the axial shaft having an anterior end portion and defining an axis of rotation of the agitator;

a door mounted rotationally relative to the roasting drum, the door including:

a bearing assembly including (1) an outer housing that mounts to the door and (2) an inner bearing defining a receiving hole that engages the anterior end portion of the axial shaft and substantially aligns the axis of rotation with the horizontal central axis of the roasting drum as the door is moved to a closed position.

13. The bean roasting system of claim 12, further comprising:

a front plate fixedly coupled to the roasting drum and defining an opening substantially aligned with the opening of the roasting drum, the door rotationally mounted to

the front plate.

14. An apparatus, comprising:

a roasting drum defining a horizontal central axis;

an agitator having blades mounted to an axial shaft, the axial shaft having an anterior end portion and defining an axis of rotation of the agitator;

a door operationally coupled to the roasting drum and having an open position and a closed position relative to the roasting drum; and

a bearing assembly fixedly coupled to the door and defining a receiving hole that removably engages the anterior end portion of the axial shaft and substantially aligns the axis of rotation with the horizontal central axis of the roasting drum as the door is moved to a closed position.

15. A method of operating a roasting system, comprising:

removably engaging an anterior end portion of an axial shaft of an agitator in response to a door of the roasting drum being moved from an open position to a closed position; and

elevating an axis of rotation of the axial shaft to thereby raise blades attached to the axial shaft out of contact with the roasting drum in response to the removably engaging.

16. The method of claim 15 wherein the removably engaging substantially aligns the axis of rotation with a horizontal central axis of the roasting drum.

17. The method of claim 15 wherein the door includes a bearing assembly including an inner bearing defining a receiving hole, the removably engaging includes a narrowest end of the anterior portion being received into an entrance of the receiving hole.

18. The method of claim 17, wherein the inner bearing is configured to rotate about an axis of rotation that substantially aligns with the axis of rotation of the axial shaft during the removably engaging.