

## **Combustion Systems Sales & Service**

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Following is what we do when we rebuild a roaster. Three year parts & labor, startup will need to be performed by us. Every 1,000 Roaster hours we will do a check -up on the machine, make any repairs as necessary, at no charge to customer for the check-up only. Transportation and living expense is only charge to customer.

1. Totally take apart all damaged housing and repair.

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- 2. With the exception of removing the Drum unless we see wear on the shaft or seized shafts then we will remove and repair or replace shaft's, as we deem best.
- 3. Remove and check all shafts and repair or replace, as we deem best.
- 4. Remove the bearings and replace.
- 5. Remove and replace all seals or update to viton type seals if possible.
- 6. Check all Electrical motors and repair or replace.
- 7. Repair damaged taped holes to metric and replace bolts and nuts if needed with new ones.
- 8. Clean and prep for painting or sandblast {Hydroblast} all parts then repaint or powder coat.
- 9. Check the burner system and update or replace per fuel requirements.
- 10. Update gas controls to meet the local code that the roaster will be installed.

11. Install a soft start drive system on the drum to extend the life of the motor and drive components. This for the large roasters

- 12. Build new roaster controls with staging system to meet the owner's requirements.
- 13. Replace or rebuild all used pneumatic components.
- 14. Check all fan wheels and balance in place if possible otherwise we will remove and then balance.
- 15. Replace all worn scrapers and brushes.
- 16. Build a new cooling tray or repair used to increase cooling.
- 17. Replace damaged skins and assemble.
- 18. Rebuild or build new chaff collector.
- 19. Install an hour meter for maintenance

20. Supply all new ductwork for the connections between roaster exhaust and chaff collector, cooling tray and blower. With quick release systems.

- 21. Installs new bean probe with indictor and data output signal.
- 22. UL listed the controls panel and CSA.
- 23. The final step is for us to tune and adjust the Roaster to the style of Roasting you plan on doing. Two days no charge for labor, (expect travel and living expense).
- 24. Install all optional items ordered by customer.
- 25. For additional charge we can add computer controls or semi-auto controls.