

WHY US?

Abbott Furnace Company has been designing, building, and installing industrial furnace systems for over 40 years. In that time, we've led the industry with innovative technologies that increase performance, improve efficiency, and allow reliable data tracking. Choosing one of our continuous belt furnaces is an investment that will enhance your operation, and choosing the S.M.A.R.T. system ensures compliance and efficiency.

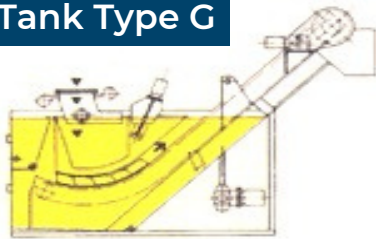


HEAT TREAT FURNACE

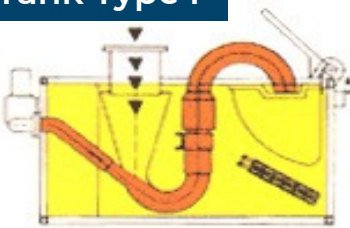
ABBOTT FURNACE COMPANY produces one of the highest quality continuous belt quench furnaces available anywhere in the world. A complete line of parts washers, temper/draw furnaces, annealing furnaces and other supplementary items are also available. All equipment is manufactured in Saint Marys, Pennsylvania and serviced by Abbott's trained technicians.

TANK CONFIGURATIONS

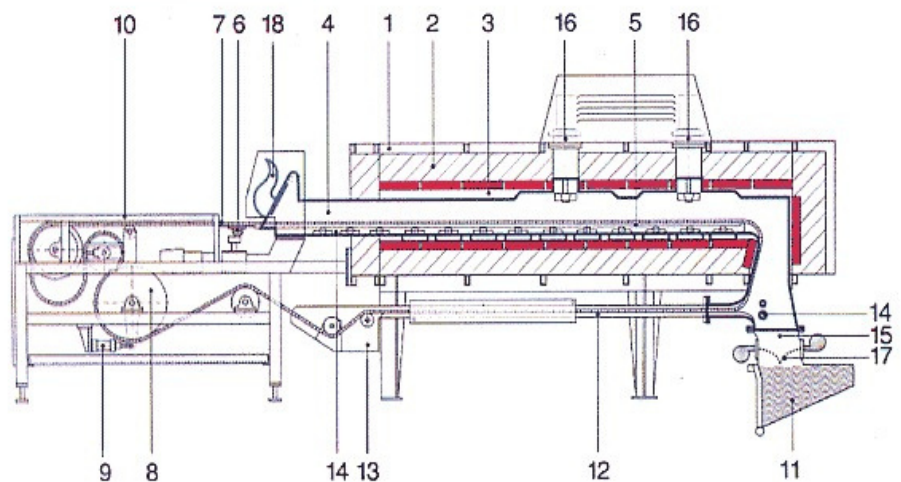
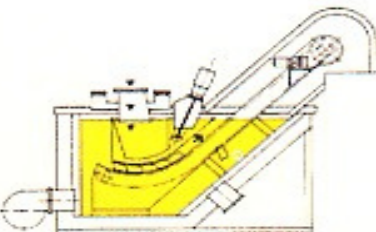
Tank Type G



Tank Type P



Tank Type GS & GH



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|------------------------|-----------------------|--------------------|
| 1. Steel Frame | 7. Mesh Belt Conveyor | 13. Water Trap |
| 2. Thermal Insulation | 8. Drive Drum | 14. Gas Inlet |
| 3. Heating Chamber | 9. Drum Drive | 15. Chute |
| 4. Gas Tight Muffle | 10. Load Table | 16. Fans |
| 5. Moving Hearth Plate | 11. Quench Tank | 17. Quenchant Tank |
| 6. Hearth Drive | 12. Return Duct | 18. Flame Curtain |

The mesh belt is driven by means of a moving hearth plate driven by an eccentric generating a reciprocating movement. The mesh belt lying on the hearth plate is carried forward on each advance stroke. Slack is taken up by the drive drum which is synchronized with the hearth plate.