

Tilting Crucible Furnace KB, Gas or Oil Fired for Melting and Holding



KB250/12



KB300/12



Digital Controller Panel burner



Two-Step gas burner for low-load and high-load mode



Hydraulics assembly with nonflammable hydraulic fluid

The gas or oil fire tilting crucible furnaces of the KB series are characterized by their high melting performance. They are perfectly suited for melting of aluminum and other nonferrous alloys. The use of high-quality insulation materials results in very low power requirements. The two-stage burner can be configured for either gas operation or oil operation.

- * KB../12 with maximum furnace chamber temperature of 1200C for aluminum or zinc
- * KB../14 with maximum furnace chamber temperature of 1400C suitable for bronze alloys or brass, with a maximum melt temperature of 1300C
- * fuel heating using gas or oil
- * Two-stage power control: high load for melting operation, low load for holding mode, with automatic switching
- * Gas system consisting of pressure regulator, gas filter, and solenoids.
- * Burner technology with service-friendly construction "REILLO" Italy, flame head easily removable when the burner is swung out
- * Insulation constructed in multiple layers with lightweight refractory brick in the furnace chamber.
- * Electrohydraulic tilting system with nonflammable ultra-safe hydraulic fluid.
- * Safe, even, and precise pouring due to optimum pivot point in the furnace and manual throttling valve operation of the hydraulic system
- * Emergency outlet for safe draining of the melt in case of crucible breakage.
- * Furnace chamber control with temperature measurement behind the crucible, recommended for melting.

Model	T max C	Crucible	Capacity Kg Al	Melting Performance Kg Al/hr	Consumption Melting KW/kg	Burner rating Kw
KB 30/12	1200	CWKR 170	50	100	1.3 - 1.5	100 "GA10"
KB 40/12	1200	CWKBR-AE200	100	100	1.3 - 1.5	100 "GS10"
KB 70/12	1200	CWMR-B350	150	220	1.3 - 1.5	220 "GS20"
KB 80/12	1200	CWLR380	200	220	1.3 - 1.5	220 "GS20"
KB 150/12	1200	CWJR620	350	260	1.3 - 1.5	350 "GAS 3/2"
KB 250/12	1200	CWNR800	600	450	1.3 - 1.5	470 "GAS 4/2"
KB 300/12	1200	CWBR1450	750	450	1.3 - 1.5	470 "GAS 4/2"