

MGBS Continuous Annealing Tubes Comparison Chart

	Type of Annealer	Furnace Compatibility	Curb Weight (Approximate)	Foot Print	Assembly Required
CAT-60	Manual Lehr; Continuous Annealing Tube	All MGBS Furnaces via accessory port**	All parts combined 200 pounds (91 kg)	16" D x 96" L x 48" H	YES
FATCAT-60	Manual Lehr; Continuous Annealing Tube	All MGBS Furnaces via accessory port except the Mini Dragon**	All parts combined 200 pounds (91 kg)	16" D x 96" L x 48" H	YES
Automatic FATCAT-60 (Conveyor)	Automatic Lehr; Continuous Annealing Tube	All MGBS Furnaces via accessory port except the Mini Dragon**	450 pounds (204 kg)	18" D x 120" L x 48" H	NO
Indie FATCAT Gas	Manual Lehr; Continuous Annealing Tube	Stand-alone Unit	450 pounds (204 kg)	18" D x 144" L x 48" H	YES
Indie FATCAT Electric	Manual Lehr; Continuous Annealing Tube	Stand-alone Unit	450 pounds (204 kg)	18" D x 144" L x 48" H	YES
Automatic Indie FATCAT Gas (Conveyor)	Automatic Lehr; Continuous Annealing Tube	Stand-alone Unit	450 pounds (204 kg)	18" D x 144" L x 48" H	NO
Automatic Indie FATCAT Electric (Conveyor)	Automatic Lehr; Continuous Annealing Tube	Stand-alone Unit	450 pounds (204 kg)	18" D x 144" L x 48" H	NO

* The Independent FATCAT-60 is available with the option of either a manual and automatic Lehr and with the option of either gas or electric.

** Port side depends on model.

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	Interior Dimensions	Heating Type/Fuel Source	Elements	Electrical Use	Controller Included	Controller Electrical Use
CAT-60	6" (~15cm) diameter	Uses heat from any furnace via the accessory port	N/A	120 volts, 3 amp	Detachable Auber WS-1510DPMA digital	120 volts, 1 amp
FATCAT-60	8" (~20cm) diameter	Uses heat from any furnace via the accessory port	N/A	120 volts, 3 amp	Detachable Auber WS-1510DPMA digital	120 volts, 1 amp
Automatic FATCAT-60 (Conveyor)	8" (~20cm) diameter	Uses heat from any furnace via the accessory port	N/A	120 volts, 3 amp	Detachable Auber WS-1510DPMA digital	120 volts, 1 amp
Indie FATCAT Gas	8" (~20cm) diameter	Propane (venturi burner)	N/A	120 volts, 3 amp	Detachable Auber WS-1510DPMA digital	120 volts, 1 amp
Indie FATCAT Electric	8" (~20cm) diameter	Electric, Leister Hotwind System 230V 3700W	Elstein Ceramic, 230V, 1000W, 4.8"	230/240 volts, 20 amps	Auber SYL-2352P PID Temperature Controller with Ramp/Soak	85-264 volts, 1 amp, 50/60Hz
Automatic Indie FATCAT Gas (Conveyor)	8" (~20cm) diameter	Propane (venturi burner)	N/A	120 volts, 3 amp	Detachable Auber WS-1510DPMA digital	120 volts, 1 amp
Automatic Indie FATCAT Electric (Conveyor)	8" (~20cm) diameter	Electric, Leister Hotwind System 230V 3700W	Elstein Ceramic, 230V, 1000W, 4.8"	230/240 volts, 20 amps	Auber SYL-2352P PID Temperature Controller with Ramp/Soak	85-264 volts, 1 amp, 50/60Hz

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	Base/Casters	Max. Object Size	Recommended Wall Thickness	Average Annealing Cycle	Included Accessories
CAT-60	Screw Levelers	5" x 3" (12.5cm x 7.5cm)	3/16" (0.5cm) or less	60 mins	Tongs, Fiberglass Cooling Blankets, Train Puller, Heat Damper Block
FATCAT-60	Screw Levelers	7" x 4.5" (18cm x 11.5cm)	3/16" (0.5cm) or less	60 mins	Tongs, Fiberglass Cooling Blankets, Train Puller, Heat Damper Block
Automatic FATCAT-60 (Conveyor)	5" Locking Swivel Casters	6" x 4" (15cm x 10cm)	3/16" (0.5cm) or less	60 mins	Tongs, Fiberglass Cooling Blankets, Heat Damper Block
Indie FATCAT Gas	5" Locking Swivel Casters	6" x 4" (15cm x 10cm)	3/16" (0.5cm) or less	60 mins	Tongs, Fiberglass Cooling Blankets, Heat Damper Block
Indie FATCAT Electric	5" Locking Swivel Casters	6" x 4" (15cm x 10cm)	3/16" (0.5cm) or less	60 mins	Tongs, Fiberglass Cooling Blankets, Heat Damper Block
Automatic Indie FATCAT Gas (Conveyor)	5" Locking Swivel Casters	6" x 4" (15cm x 10cm)	3/16" (0.5cm) or less	60 mins	Tongs, Fiberglass Cooling Blankets, Heat Damper Block
Automatic Indie FATCAT Electric (Conveyor)	5" Locking Swivel Casters	6" x 4" (15cm x 10cm)	3/16" (0.5cm) or less	60 mins	Tongs, Fiberglass Cooling Blankets, Heat Damper Block