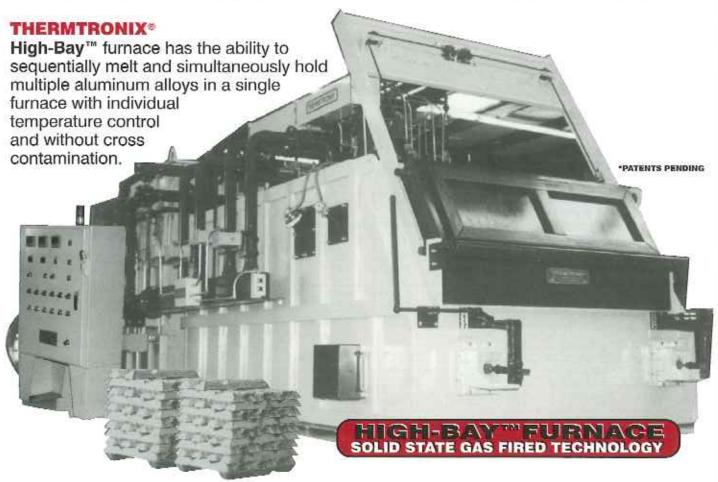
THERMTRONIX®

HIGH-BAY™ FURNACE SOLID STATE GAS FIRED MELTING



THERMTRONIX® High-Bay™ furnace allows charging of loose or stacked ingot, sows, gates and risers or a combination of all three.

THERMTRONIX® High-Bay™ furnace uses half-inch steel plate construction throughout with heavy gauge channel and crossbeam reinforcing for extended refractory life.

THERMTRONIX® High-Bay™ furnace uses dry hearth melting to provide cleaner, higher quality aluminum by design. Slag, dross and residuals from charge materials are left on the hearth where they can be easily removed by mechanical scraping. This dramatically reduces post melt processing.

THERMTRONIX® High-Bay™ furnace improved the way the world melts aluminum. Our High-Bay™ furnace forces all combustion gas from the holding well through the primary and secondary melt chamber before entering the exhaust flue. All charge materials are fully preheated with energy that is normally vented to the atmosphere on conventional reverberatory furnaces. This increases energy efficiency, reduces melt time, improves furnace utilization and substantially lowers overall melt room operating cost.









PRODUCT BULLETIN 5502

THERMTRONIX®

ALUMINUM

SOLID STATE GAS FIRED TECHNOLOGY

HIGH-BAY™ MELTING FURNACE

ADDED VALUE, A STANDARD FEATURE WITH EVERY THERMTRONIX® FURNACE

- HEAVY DUTY HALF-INCH STEEL PLATE CONSTRUCTION
 - FACTORY ASSEMBLED COMBUSTION SYSTEM
 - HIGH-BAY™ ENERGY EFFICIENCY
 - SAFE NON-CONTACT MELTING
 - GAS or ELECTRIC HOLDING

HIGH-BAY"	ELECTRIC SERVICE	NATURAL GAS	MELT RATE	STANDARD
MODEL	3 PHASE 60/50Hz	MINIMUM LOAD	LB/HR	ALUMINUM
NUMBER	VOLTS — AMPS *	@ 1.5 psi	KG/HR	CAPACITY LB / KG
HB - 750	240 / 480	1500 SCFH	750 / LB/HR	4000 LB
	24 / 12	45 SCMH	340 / KG/HR	1800 KG
HB - 1200	240 / 480	2400 SCFH	1200 / LB/HR	6000 LB
	28 / 14	70 SCMH	550 / KG/HR	2700 KG
HB - 2000	240 / 480	3800 SCFH	2000 / LB/HR	8000 LB
	32 / 16	110 SCMH	900 / KG/HR	3700 KG
HB - 2500	240 / 480	4750 SCFH	2500 / LB/HR	10000 LB
	36 / 18	135 SCMH	1130 / KG/HR	4600 KG
HB - 3000	240 / 480	5700 SCFH	3000 / LB/HR	12000 LB
	40 / 20	160 SCMH	1360 / KG/HR	5500 KG
HB - 3500	240 / 480	6650 SCFH	3500 / LB/HR	14000 LB
	44 / 22	190 SCMH	1600 / KG/HR	6400 KG
HB - 4000	240 / 480	7600 SCFH	4000 / LB/HR	16000 LB
	48 / 24	215 SCMH	1800 / KG/HR	7300 KG
HB - 5000	240 / 480	9500 SCFH	5000 / LB/HR	20000 LB
	52 / 26	270 SCMH	2270 / KG/HR	9100 KG
HB - 6000	240 / 480	11400 SCFH	6000 / LB/HR	24000 LB
	56 / 28	325 SCMH	2700 / KG/HR	11000 KG

- Other voltages available for worldwide operation consult factory.
- ** Melt rate will vary with type of charge material (i.e., ingot, sows, scrap, etc.). Melt rates assume a clean dense charge, hot furnace, doors closed and proper operation.
- *** Holding capacity may be altered to meet specific customer applications consult factory.

MMS** TECHNOLOGY provides the system flexibility necessary to meet your specific application and allows for expansion and growth rather than replacement. Advanced design technology assures your investment in new aluminum melting equipment will grow with your production requirements well into the next century.

THERMTRONIX® the recognized worldwide "industry standard" for quality aluminum melting systems now makes advanced solid state technology, precise temperature and quality control, energy efficient high performance melting available with our **High-Bay** furnace. No furnace melts faster, more efficiently, or more reliably.

DESIGN AND SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE







THERMTRONIX® Safety-Tap™



THERMTRONIX®

Clean, Safe, Dry Hearth Melting



THERMTRONIX® Cleaning, Degassing & Dip-Well



UL Underwriters Laboratories Inc. ®

SOLID STATE FLAME SAFETY FURNACE CONTROLS

