

Magic Aluminum Melting and Holding Furnace



Economical, Easy Maintenance, Environment - oriented **Clean Homel Furnace**

(PAT. PROTECTED)

3 Sharp Reductions : CO₂, Flux, Hard Spot

☆ Distinguished 3 Innovations

- ① Adoption of New Homel Burner
 - Built-in heat exchange !!
- ② Adoption of Special Heat-resisting Steel Sleeve
 - Excellent preheat effect !!
 - Materials filled up rate improved !!
 - (Reduction of bridge situation)
 - Endurance improved of furnace materials !!
 - (Protection from collision with aluminum materials)
- ③ Rational Construction of Furnace Body

☆ Certain 3 Effects

- ① Reduction of energy cost is more than **20%**.
- ② Endurance of furnace body is improved sharply.
- ③ Velocity of rising temperature is swifter by over **30%** than ever.



Meichu Co.,Ltd.

• Specifications •

Available Types of Clean Homel Furnace and Their Specifications

Model	Melting Capacity	Holding Capacity	Melting Burner Capacity	Holding Burner Capacity	Electric Capacity	Weight
HMC- 05-030	50 Kg/Hr	300 Kg	50,000 Kcal/Hr	50,000 Kcal/Hr	1 KW	5.0 TON
HMC- 10-040	100 Kg/Hr	400 Kg	50,000 Kcal/Hr	50,000 Kcal/Hr	1 KW	5.5 TON
HMC- 15-055	150 Kg/Hr	550 Kg	80,000 Kcal/Hr	80,000 Kcal/Hr	1 KW	6.7 TON
HMC- 20-065	200 Kg/Hr	650 Kg	100,000 Kcal/Hr	80,000 Kcal/Hr	1 KW	7.2 TON
HMC- 25-085	250 Kg/Hr	850 Kg	120,000 Kcal/Hr	120,000 Kcal/Hr	2 KW	8.3 TON
HMC- 30-100	300 Kg/Hr	1,000 Kg	150,000 Kcal/Hr	150,000 Kcal/Hr	2 KW	11.5 TON
HMC- 40-120	400 Kg/Hr	1,200 Kg	200,000 Kcal/Hr	150,000 Kcal/Hr	2 KW	14.0 TON
HMC- 50-150	500 Kg/Hr	1,500 Kg	250,000 Kcal/Hr	150,000 Kcal/Hr	2 KW	16.0 TON
HMC- 70-200	700 Kg/Hr	2,000 Kg	300,000 Kcal/Hr	200,000 Kcal/Hr	2 KW	18.0 TON
HMC- 80-230	800 Kg/Hr	2,300 Kg	400,000 Kcal/Hr	200,000 Kcal/Hr	5 KW	19.0 TON
HMC-100-300	1,000 Kg/Hr	3,000 Kg	500,000 Kcal/Hr	200,000 Kcal/Hr	5 KW	20.0 TON

Available Types of Clean Super Homel Furnace and Their Specifications

Model	Melting Capacity	Holding Capacity	Melting Burner Capacity	Holding Burner Capacity	Electric Capacity	Weight
HMTC- 15-100	150 Kg/Hr	1,000 Kg	80,000 Kcal/Hr	150,000 Kcal/Hr	1 KW	8.0 TON
HMTC- 20-130	200 Kg/Hr	1,300 Kg	100,000 Kcal/Hr	150,000 Kcal/Hr	2 KW	12.0 TON
HMTC- 25-130	250 Kg/Hr	1,300 Kg	120,000 Kcal/Hr	150,000 Kcal/Hr	2 KW	12.0 TON
HMTC- 30-170	300 Kg/Hr	1,700 Kg	150,000 Kcal/Hr	150,000 Kcal/Hr	2 KW	15.0 TON
HMTC- 40-170	400 Kg/Hr	1,700 Kg	200,000 Kcal/Hr	150,000 Kcal/Hr	2 KW	15.0 TON
HMTC- 50-250	500 Kg/Hr	2,500 Kg	250,000 Kcal/Hr	200,000 Kcal/Hr	2 KW	18.5 TON
HMTC- 60-250	600 Kg/Hr	2,500 Kg	250,000 Kcal/Hr	200,000 Kcal/Hr	2 KW	18.5 TON
HMTC- 70-270	700 Kg/Hr	2,700 Kg	300,000 Kcal/Hr	200,000 Kcal/Hr	2 KW	20.0 TON
HMTC- 80-270	800 Kg/Hr	2,700 Kg	400,000 Kcal/Hr	200,000 Kcal/Hr	5 KW	20.0 TON
HMTC-100-350	1,000 Kg/Hr	3,500 Kg	500,000 Kcal/Hr	200,000 Kcal/Hr	5 KW	22.0 TON

- Holding burner capacity is subject to change, depending on service condition.
- Fuels used : HEB burner (Built-in heat exchange).....LPG, LNG
- Option : A simple material charging device is available.

◎Combination with Pouring Machine

For gravity die casting, combination with PMC series pouring machine provides an optimum system.



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