

Steam Homo Pit

The Lindberg/MPH Steam HOMO® furnace is an electrically heated pit style furnace capable of temperatures up to 1250°F. Its compact size is ideal for direct production line installation. The furnace includes a steam injection system that produces work with superior wear and corrosion resistance and longer life. Benefits by application include:

- High speed cutting tools can be treated to keep tools sharper longer
- Powdered iron parts see an increase in compressive strength and hardness
- Corrosion resistance is improved in gray iron castings and microscopic porosity is sealed
- Non-ferrous parts can be treated to be free of scaling
- Molded rubber can be treated to improve life and wear

Features

- Forced circulation
- Lightweight ceramic module insulation
- Microprocessor controls
- Proven components that deliver long service life
- Tight atmosphere (natural or inert gas) chamber with solid bottom retort, sealed motor and positive cover seal

Benefits

- Low operating costs
- Energy efficiency and reliability
- Easy operation
- High reliability
- Low atmosphere consumption

Options

- Accelerated cooling system
- Steam generator
- Baskets
- Nesting trays
- Stacking trays

Applications

- Steam Treating
- Tempering



LINDBERG/MPH

Specifications

Model	L & N Model	Approximate Dimensions (in)					Work Space		Input kW	Fan Motor HP	Max Load Wt. (lbs.)
		Working Height	Overall Width	Overall Length	Overall Height	Shell Diameter	Dia. (in)	Depth (in)			
12-HC-1215-HST-12	09512-15	52	42	32	73	30	12	15	16	1	140
12-HC-1416-HST-12	09514-16	54	45	43	78	43	14	16	26	1	210
12-HC-1914-HST-12	09519-14	59	48	52	83	51	19	14	33	3	460
12-HC-2226-HST-12	09522-26	70	66	55	98	54	22	26	49	1	860
12-HC-2236-HST-12	09522-36	80	66	55	108	54	22	36	52	1	1,200
12-HC-2248-HST-12	09522-48	92	66	55	120	54	22	48	57	3	1,580
12-HC-2260-HST-12	09522-60	104	66	55	132	54	22	60	65	3	1,980
12-HC-2519-HST-12	09528-19	66	70	60	91	59	25	19	70	3	1,080
12-HC-2828-HST-12	09528-28	74	72	63	102	62	28	28	65	3	1,500
12-HC-2836-HST-12	09528-36	82	72	63	110	62	28	36	72	3	1,920
12-HC-2848-HST-12	09528-48	94	72	63	122	62	28	48	78	3	2,570
12-HC-2860-HST-12	09528-60	106	72	63	134	62	28	60	82	3	3,210
12-HC-2872-HST-12	09528-72	118	72	63	146	62	28	72	82	3	3,850
12-HC-3936-HST-12	09540-36	86	86	75	120	74	39	36	76	3	3,730
12-HC-3948-HST-12	09540-48	96	86	75	132	74	39	48	82	3	4,980
12-HC-3960-HST-12	09540-60	110	86	75	144	74	39	60	98	3	6,220
12-HC-3972-HST-12	09540-72	122	86	75	156	74	39	72	109	3	7,470
12-HC-3984-HST-12	09540-84	134	86	75	168	74	39	84	109	3	8,710
12-HC-5048-HST-12	09550-48	98	101	90	136	89	50	48	109	3	8,180
12-HC-5060-HST-12	09550-60	110	101	90	148	89	50	60	109	3	10,230
12-HC-5072-HST-12	09550-72	122	101	90	160	89	50	72	136	3	12,270
12-HC-5084-HST-12	09550-84	134	101	90	172	89	50	84	136	3	14,320
12-HC-5096-HST-12	09550-96	146	101	90	184	89	50	96	136	3	16,360



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