



industrial



wood



powder



automotive



truck

500° POWDER CURE BATCH OVENS

CONSTRUCTION

- Angle iron frames in all models
- 4" insulated panel construction
- Aluminized steel construction
- 16 ga. aluminized steel duct
- Explosion relief doors with FM approved latches

CONTROLS

- NEMA 12 control panel
- Digital temperature controller
- 16-hour batch timer
- FM gas train
- Eclipse™ flame safety
- Main line disconnect
- Air proving switches for critical fans
- 230/460 V, 3 Ph., 60 Hz
- Red Lion high-temperature limit switch
- UL / CUL listed control panel

TECHNICAL DATA

- Chart dimensions are width, height and depth
- Interior dimensions are clear between ducts, walls, floor and top
- Allow a minimum of 6" between parts and ducts for airflow
- Stack is not included with the oven but can be purchased as option
- Eclipse™ Version 2 air heat burners
- All specifications are subject to change without notice
- Larger ovens will be shipped unassembled with factory tested and assembled burner and recirculation unit
- Factory tested



COL-MET SMART TOUCH

The Smart Touch Control Panel - standard on all Col-Met Batch Ovens - utilizes the latest in touch-screen technology for minimum complexity and maximum flexibility.

Smart Touch uses a Programmable Logic Controller (PLC) to control the oven components and monitors:

- Motor Starters
- Overloads
- Gas Pressure Switches
- Oven Temperature
- Burner Box Temperature
- Touch Screen that includes a Troubleshooting Screen



COL-MET OVENS COMPLY WITH ALL APPLICABLE NEC, OSHA AND NFPA REGULATIONS.

500° POWDER CURE BATCH OVENS

Model Number	Inside (Ft.-0")			Single Entry Outside			Double Entry Outside			Recirculating Fan		Exhaust Fan		Burner		AREA	Gas Train
	W	H	D	W	H	D	W	H	D	SCFM	HP	SCFM	HP	BTU	HP		
B050605	5	6	5	8'-8"	8'-6"	11'-0"	8'-8"	12'-0"	6'-8"	1,500	1.5	500	1	500	0.33	150	1" NPT
B050606	5	6	6	8'-8"	8'-6"	12'-0"	8'-8"	12'-0"	7'-8"	1,800	1.5	500	1	500	0.33	180	1" NPT
B050607	5	6	7	8'-8"	8'-6"	13'-0"	8'-8"	12'-0"	8'-8"	2,100	2	500	1	500	0.33	210	1" NPT
B050608	5	6	8	8'-8"	8'-6"	14'-0"	8'-8"	12'-0"	9'-8"	2,400	2	500	1	500	0.33	240	1" NPT
B050610	5	6	10	8'-8"	8'-6"	16'-0"	8'-8"	12'-0"	11'-8"	3,000	3	500	1	500	0.33	300	1" NPT
B050612	5	6	12	8'-8"	8'-6"	18'-0"	8'-8"	12'-0"	13'-8"	3,600	3	500	1	500	0.33	360	1" NPT
B060606	6	6	6	9'-8"	8'-6"	12'-0"	9'-8"	12'-0"	7'-8"	2,160	2	500	1	500	0.33	216	1" NPT
B060608	6	6	8	9'-8"	8'-6"	14'-0"	9'-8"	12'-0"	9'-8"	2,880	3	500	1	500	0.33	288	1" NPT
B060610	6	6	10	9'-8"	8'-6"	16'-0"	9'-8"	12'-0"	11'-8"	3,600	3	500	1	500	0.33	360	1" NPT
B060612	6	6	12	9'-8"	8'-6"	18'-0"	9'-8"	12'-0"	13'-8"	4,320	5	500	1	500	0.33	432	1" NPT
B060614	6	6	14	9'-8"	8'-6"	20'-0"	9'-8"	12'-0"	15'-8"	5,040	5	500	1	500	0.33	504	1" NPT
B060616	6	6	16	9'-8"	8'-6"	22'-0"	9'-8"	12'-0"	17'-8"	5,760	5	500	1	1,000	0.33	576	1" NPT
B060620	6	6	20	9'-8"	8'-6"	26'-0"	9'-8"	12'-0"	21'-8"	7,200	7.5	500	1	1,000	0.33	720	1" NPT
B060706	6	7	6	9'-8"	9'-6"	12'-0"	9'-8"	13'-0"	7'-8"	2,520	3	500	1	500	0.33	252	1" NPT
B060707	6	7	7	9'-8"	9'-6"	13'-0"	9'-8"	13'-0"	8'-8"	2,940	3	500	1	500	0.33	294	1" NPT
B060708	6	7	8	9'-8"	9'-6"	14'-0"	9'-8"	13'-0"	9'-8"	3,360	3	500	1	500	0.33	336	1" NPT
B060710	6	7	10	9'-8"	9'-6"	16'-0"	9'-8"	13'-0"	11'-8"	4,200	5	500	1	500	0.33	420	1" NPT
B060712	6	7	12	9'-8"	9'-6"	18'-0"	9'-8"	13'-0"	13'-8"	5,040	5	500	1	500	0.33	504	1" NPT
B060714	6	7	14	9'-8"	9'-6"	20'-0"	9'-8"	13'-0"	15'-8"	5,880	5	500	1	500	0.33	588	1" NPT
B060716	6	7	16	9'-8"	9'-6"	22'-0"	9'-8"	13'-0"	17'-8"	6,720	7.5	500	1	1,000	0.33	672	1" NPT
B060720	6	7	20	9'-8"	9'-6"	26'-0"	9'-8"	13'-0"	21'-8"	8,400	10	750	1	1,000	0.33	840	1" NPT
B060806	6	8	6	9'-8"	10'-6"	12'-0"	9'-8"	14'-0"	7'-8"	2,880	3	500	1	500	0.33	288	1" NPT
B060808	6	8	8	9'-8"	10'-6"	14'-0"	9'-8"	14'-0"	9'-8"	3,840	5	500	1	500	0.33	384	1" NPT
B060810	6	8	10	9'-8"	10'-6"	16'-0"	9'-8"	14'-0"	11'-8"	4,800	5	500	1	500	0.33	480	1" NPT
B060812	6	8	12	9'-8"	10'-6"	18'-0"	9'-8"	14'-0"	13'-8"	5,760	5	500	1	500	0.33	576	1" NPT
B060814	6	8	14	9'-8"	10'-6"	20'-0"	9'-8"	14'-0"	15'-8"	6,720	7.5	500	1	500	0.33	672	1" NPT
B060816	6	8	16	9'-8"	10'-6"	22'-0"	9'-8"	14'-0"	17'-8"	7,680	7.5	500	1	1,000	0.33	768	1" NPT
B060820	6	8	20	9'-8"	10'-6"	26'-0"	9'-8"	14'-0"	21'-8"	9,600	10	750	1	1,000	0.33	960	1" NPT
B070707	7	7	7	10'-8"	9'-6"	13'-0"	10'-8"	13'-0"	8'-8"	3,430	3	500	1	500	0.33	343	1" NPT
B070708	7	7	8	10'-8"	9'-6"	14'-0"	10'-8"	13'-0"	9'-8"	3,920	5	500	1	500	0.33	392	1" NPT
B070710	7	7	10	10'-8"	9'-6"	16'-0"	10'-8"	13'-0"	11'-8"	4,900	5	500	1	500	0.33	490	1" NPT
B070712	7	7	12	10'-8"	9'-6"	18'-0"	10'-8"	13'-0"	13'-8"	5,880	5	500	1	500	0.33	588	1" NPT
B070714	7	7	14	10'-8"	9'-6"	20'-0"	10'-8"	13'-0"	15'-8"	6,860	7.5	500	1	1,000	0.33	686	1" NPT
B070716	7	7	16	10'-8"	9'-6"	22'-0"	10'-8"	13'-0"	17'-8"	7,840	7.5	750	1	1,000	0.33	784	1" NPT
B070720	7	7	20	10'-8"	9'-6"	26'-0"	10'-8"	13'-0"	21'-8"	9,800	10	1,000	1	1,000	0.33	980	1" NPT
B080808	8	8	8	11'-8"	10'-6"	14'-0"	11'-8"	14'-0"	9'-8"	5,120	5	500	1	500	0.33	512	1" NPT
B080810	8	8	10	11'-8"	10'-6"	16'-0"	11'-8"	14'-0"	11'-8"	6,400	5	500	1	500	0.33	640	1" NPT
B080812	8	8	12	11'-8"	10'-6"	18'-0"	11'-8"	14'-0"	13'-8"	7,680	7.5	500	1	1,000	0.33	768	1" NPT
B080814	8	8	14	11'-8"	10'-6"	20'-0"	11'-8"	14'-0"	15'-8"	8,960	10	750	1	1,000	0.33	896	1" NPT
B080816	8	8	16	11'-8"	10'-6"	22'-0"	11'-8"	14'-0"	17'-8"	10,240	10	1,000	1	1,000	0.33	1,024	1" NPT
B080820	8	8	20	11'-8"	10'-6"	26'-0"	11'-8"	14'-0"	21'-8"	12,800	10	1,350	1	1,000	0.33	1,280	1 1/2" NPT
B081008	8	10	8	11'-8"	12'-6"	14'-0"	11'-8"	16'-0"	9'-8"	6,400	5	500	1	500	0.33	640	1" NPT
B081010	8	10	10	11'-8"	12'-6"	16'-0"	11'-8"	16'-0"	11'-8"	8,000	7.5	750	1	1,000	0.33	800	1" NPT
B081012	8	10	12	11'-8"	12'-6"	18'-0"	11'-8"	16'-0"	13'-8"	9,600	10	1,000	1	1,000	0.33	960	1" NPT
B081014	8	10	14	11'-8"	12'-6"	20'-0"	11'-8"	16'-0"	15'-8"	11,200	10	1,000	1	1,000	0.33	1,120	1 1/2" NPT
B081016	8	10	16	11'-8"	12'-6"	22'-0"	11'-8"	16'-0"	17'-8"	12,800	10	1,000	1	1,000	0.33	1,280	1 1/2" NPT
B081020	8	10	20	11'-8"	12'-6"	26'-0"	11'-8"	16'-0"	21'-8"	16,000	15	1,350	1	1,500	0.33	1,600	1 1/2" NPT
B101010	10	10	10	13'-8"	12'-6"	16'-0"	13'-8"	16'-0"	11'-8"	10,000	10	1,000	1	1,000	0.33	1,000	1" NPT
B101012	10	10	12	13'-8"	12'-6"	18'-0"	13'-8"	16'-0"	13'-8"	12,000	10	1,000	1	1,000	0.33	1,200	1 1/2" NPT
B101014	10	10	14	13'-8"	12'-6"	20'-0"	13'-8"	16'-0"	15'-8"	14,000	15	1,350	1	1,000	0.33	1,400	1 1/2" NPT
B101016	10	10	16	13'-8"	12'-6"	22'-0"	13'-8"	16'-0"	17'-8"	16,000	15	1,350	1	1,500	0.33	1,600	1 1/2" NPT
B101020	10	10	20	13'-8"	12'-6"	26'-0"	13'-8"	16'-0"	21'-8"	20,000	20	1,500	1	1,500	0.33	2,000	1 1/2" NPT
B101210	10	12	10	13'-8"	14'-6"	16'-0"	13'-8"	18'-0"	11'-8"	12,000	10	1,000	1	1,000	0.33	1,200	1 1/2" NPT
B101212	10	12	12	13'-8"	14'-6"	18'-0"	13'-8"	18'-0"	13'-8"	14,400	15	1,350	1	1,000	0.33	1,440	1 1/2" NPT
B101214	10	12	14	13'-8"	14'-6"	20'-0"	13'-8"	18'-0"	15'-8"	16,800	15	1,500	1	1,500	0.33	1,680	1 1/2" NPT
B101216	10	12	16	13'-8"	14'-6"	22'-0"	13'-8"	18'-0"	17'-8"	19,200	20	1,500	1	1,500	0.33	1,920	1 1/2" NPT
B101220	10	12	20	13'-8"	14'-6"	26'-0"	13'-8"	18'-0"	21'-8"	24,000	25	2,000	1	2,000	0.33	2,400	1 1/2" NPT
B121212	12	12	12	15'-8"	14'-6"	18'-0"	15'-8"	18'-0"	13'-8"	17,280	15	1,500	1	1,500	0.33	1,728	1 1/2" NPT
B121214	12	12	14	15'-8"	14'-6"	20'-0"	15'-8"	18'-0"	15'-8"	20,160	20	1,500	1	1,500	0.33	2,016	1 1/2" NPT
B121216	12	12	16	15'-8"	14'-6"	22'-0"	15'-8"	18'-0"	17'-8"	23,040	25	2,000	1	2,000	0.33	2,304	1 1/2" NPT
B121220	12	12	20	15'-8"	14'-6"	26'-0"	15'-8"	18'-0"	21'-8"	28,800	25	2,000	1	3,000	0.33	2,880	1 1/2" NPT



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