



GRIEVE

BULLETIN WI-513

WALK-IN OVEN ADDITIONAL EQUIPMENT

LOADING TRUCKS AND SHELVES



Oven Work Space (WxDxH)	Shelf Truck						Flat Bed Truck		
	Truck Shelf Dimensions (WxD)	Max Shelves*	Truck		Shelves		Flat Bed Dimensions (WxDxH)	Truck Capacity	Model
			Capacity	Model	Capacity†	Model			
48" x 48" x 72"	42" x 42"	10	1000 lbs	ST446L	150 lbs	S44L	42" x 42"	2500 lbs	FB44
			2000 lbs	ST446H	250 lbs	S44H			
60" x 72" x 72"	54" x 66"	10	1000 lbs	ST566L	150 lbs	S56L	54" x 66"	3000 lbs	FB56
			2000 lbs	ST566H	250 lbs	S56H			
60" x 96" x 72"	54" x 90"	10	1500 lbs	ST586L	200 lbs	S58L	54" x 90"	3500 lbs	FB58
			2500 lbs	ST586H	300 lbs	S58H			
72" x 72" x 78"	66" x 66"	11	1500 lbs	ST666L	200 lbs	S66L	66" x 66"	3500 lbs	FB66
			2500 lbs	ST666H	300 lbs	S66H			
72" x 96" x 78"	66" x 45"‡	22‡	2000 lbs	ST686L	125 lbs	S68L	66" x 90"	4000 lbs	FB68
			3000 lbs	ST686H	200 lbs	S68H			
72" x 120" x 78"	66" x 57"‡	22‡	2500 lbs	ST6106L	150 lbs	S610L	66" x 114"	5000 lbs	FB610
			4000 lbs	ST6106H	250 lbs	S610H			
72" x 144" x 78"	66" x 69"‡	22‡	3000 lbs	ST6126L	200 lbs	S612L	66" x 138"	6000 lbs	FB612
			4500 lbs	ST6126H	300 lbs	S612H			
72" x 96" x 96"	66" x 45"‡	28‡	2500 lbs	ST688L	125 lbs	S68L	66" x 90"	4000 lbs	FB68
			3500 lbs	ST688H	200 lbs	S68H			

*Special shelf support centers available at no charge, 6" centers standard.

†Shelf capacity based on uniformly distributed loading.

‡Two shelves per level for ease of handling.

**Larger and special sized trucks can be provided.
Stainless steel construction and special caster material also available.**

**See reverse side for Truck Wheel Guide Tracks, Insulated Floors,
and Other Additional Equipment Available.**

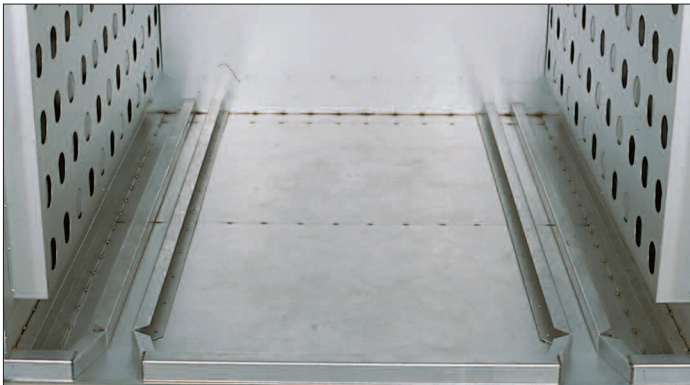
INSULATED FLOOR AND TRUCK TRACKS

Standard Walk-In Ovens include a steel plate floor and provisions for a customer installed insulated floor. Floor plate is 1/8" thick in ovens up to 72" wide x 120" long ; 1/4" thick on wider models. A doorsill at the front edge of the floor plate maintains doorway rigidity and provides a sealing surface for the oven doors. The doorsill is 2" high on 500°F and 650°F ovens; 3" high on 800°F ovens.

At no charge, the doorsill can be eliminated, doors lengthened and equipped with drag seals. This arrangement provides a floor level entrance to allow loading by hand truck, fork lift truck or by loading equipment of varying wheel spacing.

When loading with an oven truck, installation of truck wheel guide tracks is recommended. This allows the doorsill to remain across the work space opening. Floor level truck wheel guide tracks include additional door seals to cover the guide track openings beneath the doors.

Truck wheel guide track width and centerlines may be specified to suit existing equipment or to be used with a loading truck from the front of this bulletin. Guide tracks are generally 1/2" wider than truck wheel width. If not specified, tracks are provided 2 1/2" wide on centerlines 12" less than work space width.



● **Truck Tracks** to allow loading at factory floor level, flared at the front for easy entrance of wheels, includes truck track seals on doors to close off track openingTT



● **Insulated Floor with Recessed Truck Tracks** provides the reduced heat loss and improved temperature uniformity of insulated floor plus allows loading at factory floor levelIFRTT



● **Insulated Floor with steel plate cover**, 2" for 500°F and 650°F, 3" at 800°F, minimizes heat loss and improves temperature uniformity near floor level, rated at 100 lbs per square foot distributed loadingIF



● **Insulated Floor with Surface Truck Tracks** used where oven will be recessed into the factory floor or loaded with an external ramp, includes drag seals on the oven doors. Total track loading limited to distributed floor loading of 100 lbs per square footIFSTT

ADDITIONAL EQUIPMENT AVAILABLE*

- **Programmable Temperature Controller**, microprocessor based, digital indicating, thermocouple actuated, in lieu of standard controllerPTC3
- **Recording Thermometer**, thermocouple actuated, 24-hour, 10" diameter circular chart used in conjunction with standard controllerRT
- **Programmable Recording Temperature Controller**, microprocessor based, thermocouple actuated, digital display, 24-hour, 10" diameter circular chart, in lieu of standard controllerPRTC3

- **Digital Timing Temperature Controller**, microprocessor based, digital indicating, incorporates 99 hour 59 minute timer, starts timing when temperature reaches set point and shuts down oven at end of set timeDTS3
- **Digital Shut Down Timer**, with continuous "hold" featureSDT
- **Digital Batch Timer**, for uniformly timing batch operations. Continuous alarm with door interlock; alarms at end of preset time period until door is opened or timer resetBT

- **Automatic Door Switch**, turns off blower and heat when door is opened. Restores blower and heat on electric models, blower only on gas models, when door is closedADS
- **Powered Forced Exhausters** with exhauster air flow safety switch‡

Capacity	HP	Outlet Diameter	Height
325 CFM	1/3	6"	23"
650 CFM	1/2	6"	23"
975 CFM	1	8"	23"

‡Gas ovens include 325 CFM exhauster, except 650 CFM at 1,200,000 BTU/HR heat input. Electric ovens may require additional heat input.

*See Bulletin TC-960 for modifications and other optional equipment.



Ovens and Furnaces For Industry Since 1949
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