BUCHER
emhart glass

Technical News Bulletin

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IS, AIS, NIS Machine Access on Blow Side (Conveyor Ladder)

- Designed to perform easy and safe service on the Blow Side.
- Provides a standard solution that can be used on all forming machine types.
- Thermal insulated tunnel extended over conveyor.

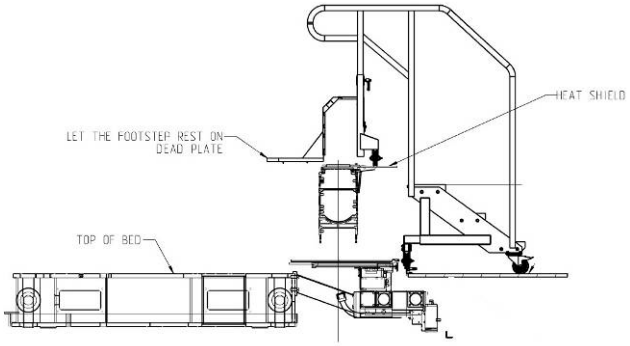
Introduction

Emhart Glass has become aware that an increasing number of forming machine users has built their own devices to ease access to the blow side of the machine. These devices may not be optimized from an ergonomics and safety standpoint. The Emhart Glass Conveyor Ladder is designed to perform easy and safe service on the Blow Side (mold halves, blowhead, blowhead arm, bottom plate, TO tong, and TO head change) by providing a thermal insulated “tunnel” with an integrated footstep to assist the maintenance work. This Conveyor Ladder provides a standard solution that can be used on all forming machine types (in specific cases, adjustment might be required).

All new Emhart Glass machines (SIS, IS, AIS, NIS) are delivered with the Conveyor Ladder.
The same Conveyor Ladder is offered as an upgrade for existing Emhart Glass forming machines.

System description

The step ladder is designed independently from conveyor type. It is supported and guided on a rail to be installed along the conveyor. Depending on the specific situation, the supplied rail needs to be mounted to the platform or structure. The chosen design allows for a retrofit installation for all existing machines (although adjustments might be required in specific cases).



4200-1914 gr 1 and 3 shown

Applications

Work performed by the machine operator on the blow side of the machines during normal operations for service on the Blow Side (mold halves, blowhead, blowhead arm, bottom plate, TO tong, and TO head change).

When facilitating normal blow side operation, the Conveyor Ladder improves protection against contact with hot containers on the conveyor, minimizing the risk of getting burned and the risk of slipping and falling.

Specification / Availability

Different Conveyor Ladders are available for quote to match machine type and machine installation (rail is included):

• IS, AIS machine, floor level same as Top of Bed to 99 mm below	200-1914-01
• IS, AIS machine, floor level 250 mm to 400 mm below Top Of Bed	200-1914-02
• NIS machine, floor level same as Top of Bed to 99 mm below	200-1914-03
• NIS machine, floor level 250 mm to 400 mm below Top Of Bed	200-1914-04
• IS, AIS machine, floor level 100 mm to 249 mm below Top Of Bed	200-1914-05
• NIS machine, floor level 100 mm to 249 mm below Top Of Bed	200-1914-06

Installation Requirements

Please refer to installation instructions delivered with the Conveyor Ladder.

Features / Benefits

Features	Benefits
Thermal insulated tunnel extended over conveyor	Prevents from severe burns
Handrail Anti-slip steps	Prevents from slipping and falling
Lockable lateral position	Ensures stable workstation
Rail-guided step ladder Footstep integrated on the tunnel (hinges)	Easier and safer access to blow side for all sections