

Technical News Bulletin

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FleXConveyor

- Developed to incorporate different customer needs and increase the ware handling performance.
- Integrated safety Ladder allows for safe and easy access to blowside.
- Dual controlled wind box, balanced flow and adjustable pressure profile.

Introduction

The new FlexConveyor is developed to incorporate different customer needs and increase the ware handling performance. There is a continuous demand for increased safety which also is carefully studied and features are built into the new design like; the integrated ladder, easy to access and understand operating functions, more compact design to allow better access to blow side, Blowside Interlock (TNB212). The main girder is made of steel which improves stiffness and robustness. Pusher cables are now well protected and cable routes are built into the design.

The FlexConveyor will ensure repeatable and good ware handling and will be a reliable conveyor for many years.

Features

Vintage Lamps Beautiful and Ornate

Integrated Blowside Interlock valve. Built in air supply for operational valves. Easy access to pusher cable tray and well protected cables.



Further safety improvement is the compact design of the Conveyor leading to reduced distance to blow mold station by 100mm.



Integrated safety ladder. Facilitates operator work and improves safety on blow side for:

- Routine maintenance
- Troubleshooting
- Blow mold change
- Blow head change
- Bottom plate change
- Neck ring change



Height adjustable windbox.
Dual controlled high/low dead plate cooling which enables balanced flow. In some cases when containers are not perfectly vertical in the Take out tongs it can be solved by optimizing the air flow between front and back of the windbox.

The High/Low control valve is also two-way operated to ensure high repeatability.



Application

The FlexConveyor is a replacement of following Emhart Glass Machine Conveyors:

Description	Part Number
Universal conveyor	117-8200
8000-Series conveyor	117-8080

The FlexConveyor fits also most machines on the market.

Installation Requirements

- Alternative cooling wind supplies. Machine side and operator side
- 2 air supply connections:
 - o R1" for Pocket air and Bottle air guide
 - o R1" for High/Low control valve

Drawings:

- 182-14 Conveyor
- 117-8242 Conveyor extension
- 182-11 Drive unit
- 182-34 Air supply piping
- 182-23 Conveyor ladder

Manual:

Features / Benefits

Features	Benefits
New Steel Girder	Improved stiffness and robustness
Integrated safety Ladder	Safe and easy access to Blowside
Dual controlled Wind box	Balanced flow & adjustable pressure profile
Height adjustable wind box	Standard
Closer access to Blowside	Easier Blow side swabbing
Integrated pusher cables	Good cable protection
No lubrication required	Less parts = less maintenance
Fits all Emhart Glass machines	Universal