

Technical News Bulletin

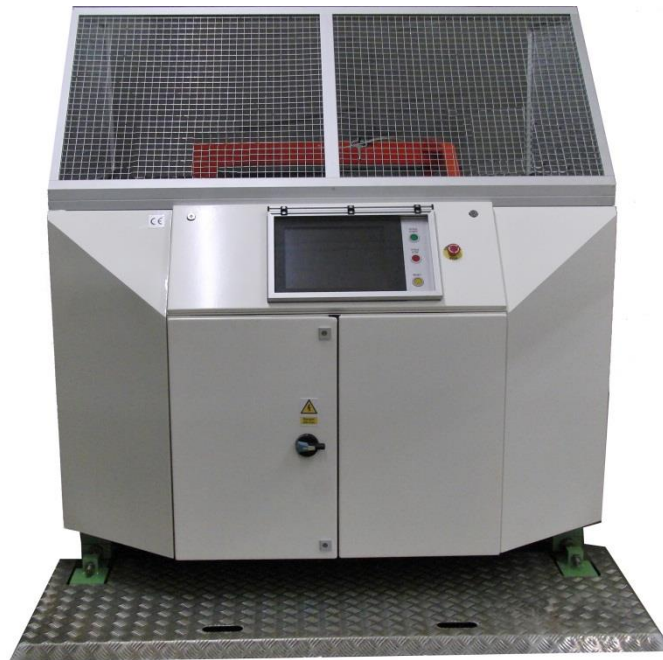
Cham, January 27th 2014

FLEXStacker

Introduction

The three axis FlexStacker is the new Bucher Emhart Glass standard for Lehr loading. It is using the FlexIS control hardware from the IS machine including a **pioneering** human interface with built in expert knowledge, allowing an **easy set-up** without the need of "specialists". Performance is **proven** to handle high speed loading into the Lehr.

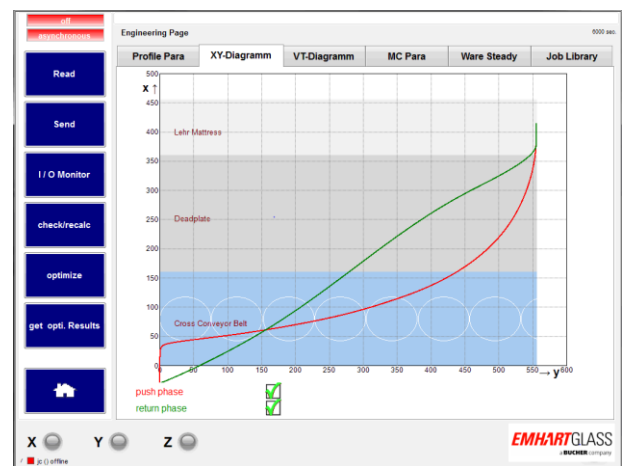
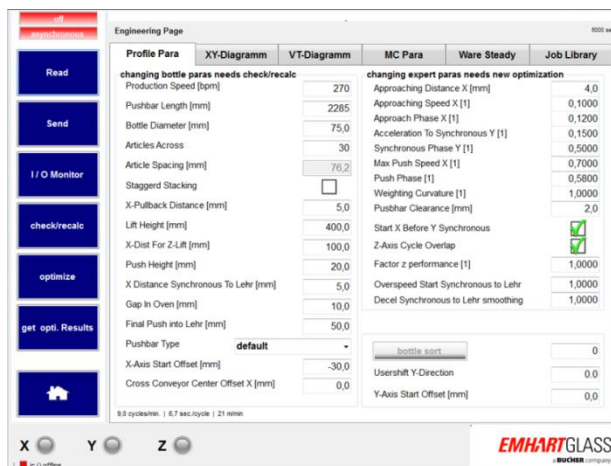




Description

The FlexStacker contains of the three axis mechanical unit located in front of the annealing Lehr and a separate remote Control cabinet. Control cabinet should be located in an air conditioned control room, but can also be equipped with internal air conditioning.

The FlexStacker is equipped with a 15" touch screen Operator Interface and an industrial computer located inside. Jobs are stored in the computer and can be copied to other FlexStacker units.



Specification

Maximum Push Stroke:	450mm
Maximum Sideways Stroke:	550mm
Maximum Lift Stroke:	450mm
Maximum Operating Speed:	24 Cycles / min or 72 meter/minute Conveyor speed
Gross Weight:	1000kg
Supply Voltage:	380V - 480V 3PH + E
Max Continuous Input Current:	32.9A
Noise Level:	<75 dB (A)
Lubrication Requirement:	Connection to Centralized Lubrication System
Electrical Cabinet Cooling	
Air Pressure:	min 3 bar (5 bar recommended)
Air Consumption:	18m ³ / Hr (Average), 49m ³ / Hr (Max)
Pushbar Cooling	
Air Pressure:	0—3 Bar
Air Consumption:	40m ³ / Hr (Max)

Application

The FlexStacker is available for all IS-machines.

Standard options for following Lehr heights (measured from floor to top of Lehr belt):

- 700-770mm
- 771-830mm
- 831-890mm
- 891-950mm
- 951-1010mm
- 1011-1070mm
- 1071-1130mm

Pushbars available for Lehr belt widths from:

- 1,8 meter to 5,5 meter

Cables for remote Control cabinet

- Standard cables in steps of 5m to maximum length of 65 meters

Documentation

Drawings

- 379-1 FlexStacker master assembly
- 379-11 FlexStacker assembly
- 379-12 Control cabinet
- 379-940 Pushbar selections

Manual

- H55001



Features / Benefits

Features	Benefits
FlexIS control	Bucher Emhart Glass standard
3 axis fully servo	High repeatability
Optimized motion profiles	High speed Lehr loading
Newly developed User Interface	Easy set up and handling