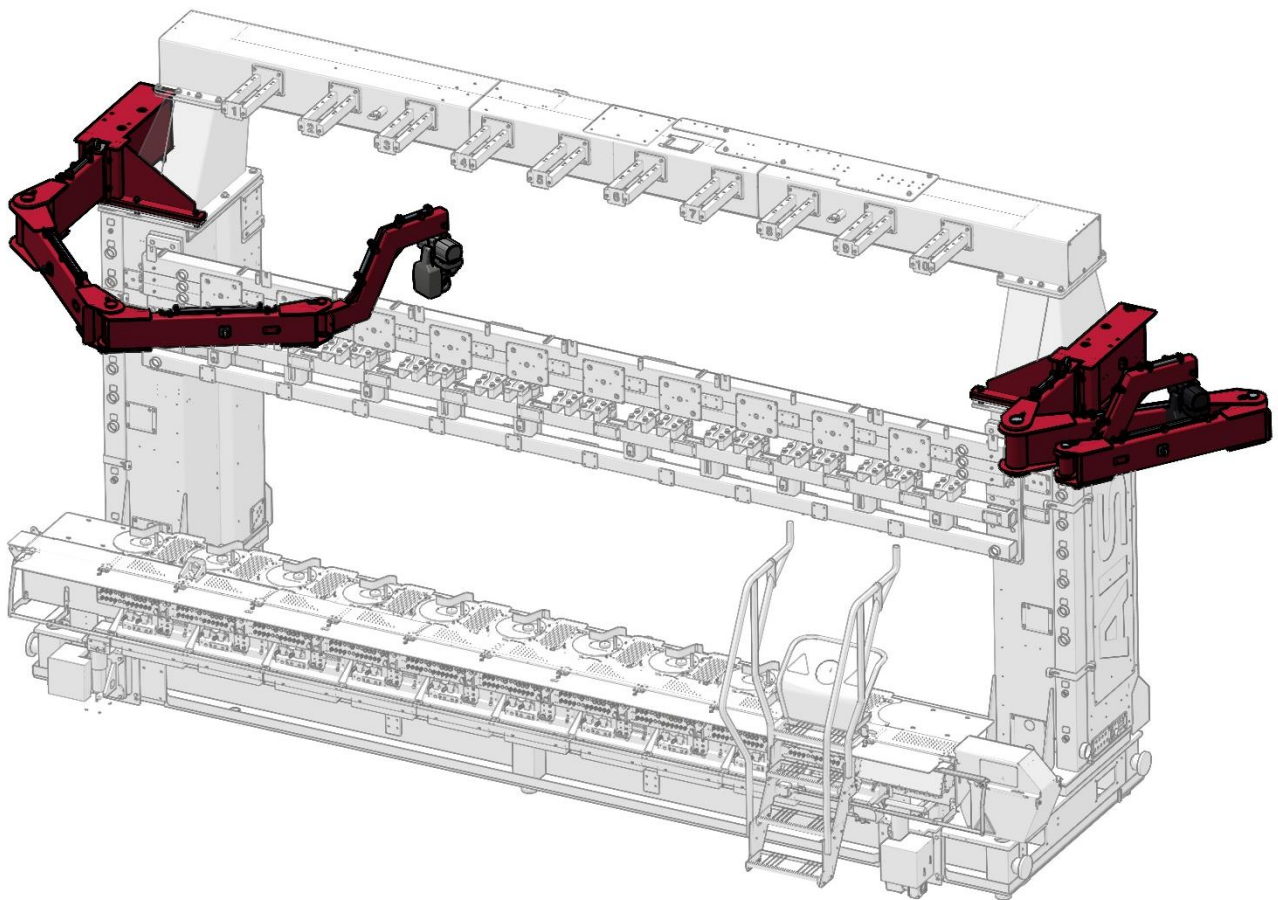


Technical News Bulletin

Steinhausen, June 2024



Blow side Lifting System

- Improved ergonomics
- Easier machine-serviceability
- Simple concept

Introduction

To keep up with the evolving market demands, the number of forming-machine sections and cavities per section has grown over the last few years. This, in turn, has resulted in significant surge in the costs associated with job and mold change procedures.

To expedite these procedures and reduce the workload for the operators performing these tasks, Bucher Emhart Glass offers an optional, user-friendly **Blow side Lifting System**.

Description

The Blow side Lifting System consists of two carrier assemblies, each made of three pivoting arms attached to the machine uprights and lifting devices.

The Blow side Lifting System is available for all **new** machines (IS/AIS/NIS), and includes:

- a Carrier System → Master drawing reference 610-11-00
- Lifting Devices → Master drawing reference 610-12-00

Blow side Lifting System Assembly		
	IS/AIS	NIS
Carrier system		
Lifting Device		

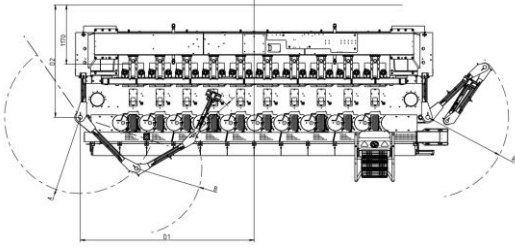
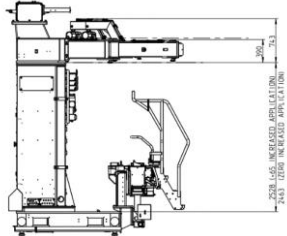
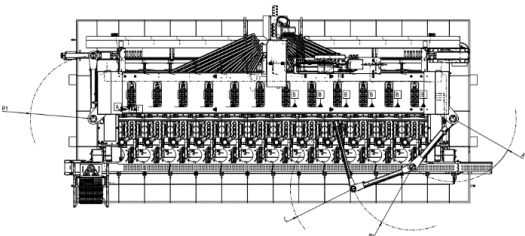
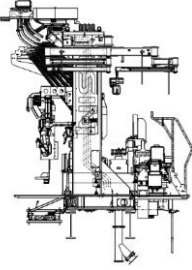
The pivoting arms are designed with handles to assist the operators in positioning the lifting device with ease and precision.

Specification

The specification of the carrier system is based on the machine type and the number of sections, to ensure that all sections can be accessed.

The lifting device is available with a pneumatically operated hoist working at 4 bar. It is capable of lifting weights up to 125 kg.

Drawing references			
	Number of Sections	Drawing reference	
		IS / AIS	NIS
Carrier System	6 Sections	610-11-1	-
	8 sections	610-11-2	610-11-5
	10 Sections	610-11-3	610-11-6
	12 Sections	610-11-4	610-11-7
Lifting Device	Valid for All	610-12-2	

Installation layout		
	Top view	Side view
IS/AIS		
NIS		

The clearance for maneuvering the carriers in their full operating range must be carefully checked, following the Installation Layout drawings 610-10000 (IS/AIS) and 610-10001 (NIS).

Furthermore, it is important to consider the risks of hazard associated to the use of the carrier system within the working area.



Working area

Features

Pneumatically operated hoist

Simple concept

Benefits

Easier handling of heavy parts

Reduced workload for the operator

User-friendly operation

Always available on the machine

No specific maintenance