

glass technology

HEGLA®



Loading and Storage Systems



High Performance in Glass Cutting and Handling

hegla.com

Reduce Retrieval Costs and Enhance Cycle Times

Fully automated storage and loading systems from HEGLA facilitate the best possible organisation of production processes right from the start. A tailored concept, which is ideally integrated into the production processes and the local conditions, is developed in close coordination with the customer. Automated processes significantly reduce retrieval times and storage costs and free up production resources.



Compact Storage for Glass

The HEGLA Compact Storage permits storage of various glass types and sizes using a minimum footprint while also providing immediate access. Loading and Unloading is accomplished by moving the nested L-frames until the required gap is created, for instance for the Compact Loader. The motor driven Compact Storage ideally complements automatic Gantry loading systems.

The compact glass storage is available in various sizes and storage depths. The modular design facilitates an expansion of storage capacity, if desired.

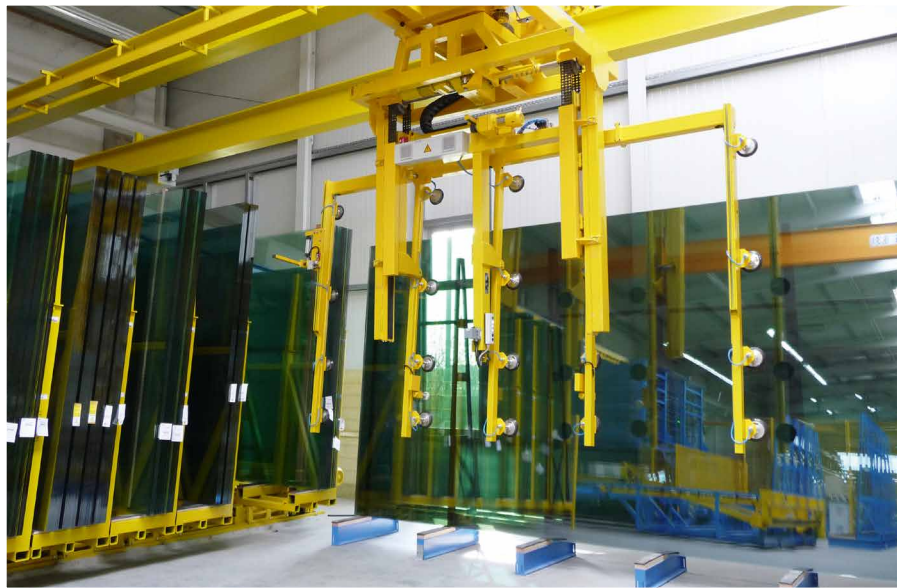




Automatic Loading Systems

Automatic loading systems link the glass warehouse with the cutting operation, regardless of whether this consists of fixed frames, automatic compact storage systems, or a combination of these.

One or several cutting lines can be continuously fed with such a line solution without operator involvement.

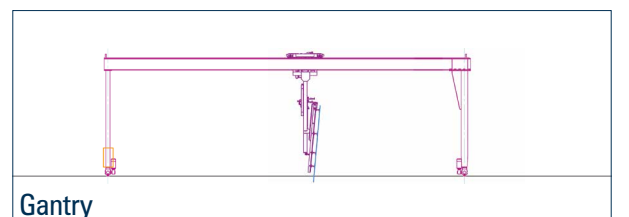
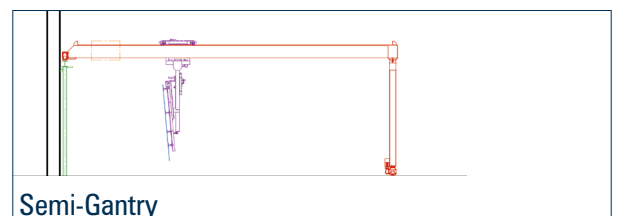
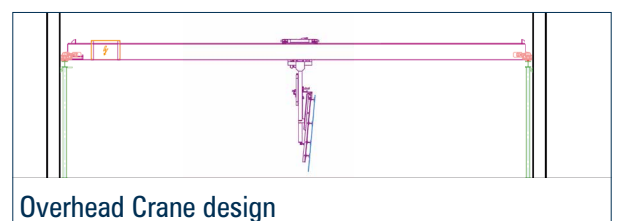


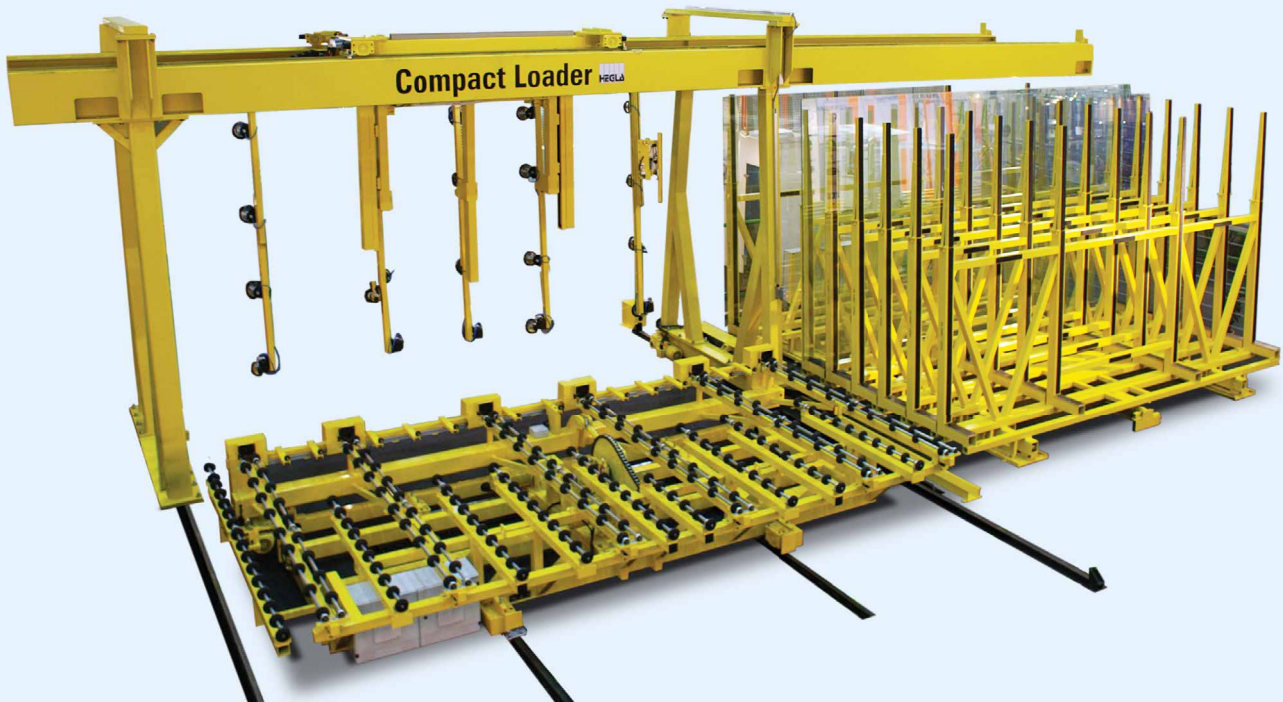
Gantry Loading

The gantry loader can fully automatically retrieve various glass formats from any storage location and load these from the top or combing through.

Having been designed for large storage volumes, the system is capable of supporting one or several cutting lines.

The installation can be configured as a gantry bridge, or as a full or semi-gantry.

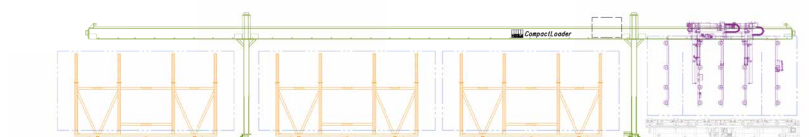
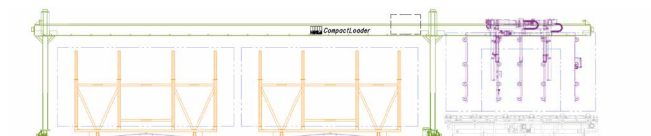
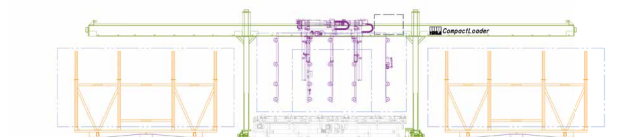
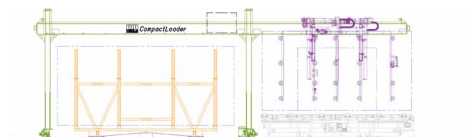




The Compact Loader was developed as an automatic loading solution specifically for restricted storage space and low ceiling heights. The low-profile design of the vacuum frame requires only a low gap to facilitate glass transportation.

In combination with the Compact Storage, L-frames or another transverse travelling storage system, a large number of glass types can be stored in a minimum footprint while also assuring fast retrieval.

In combination with a mobile tilt-table, several cutting lines can be supplied in a time optimised manner.

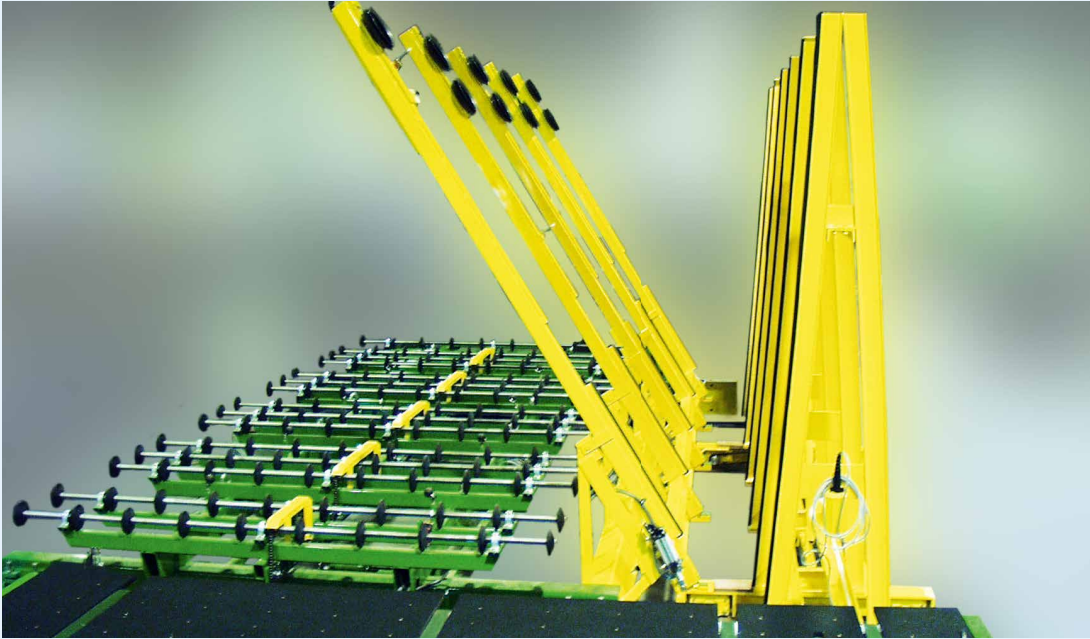


HEGLA Compact Loader - Reach up to 4 sections

Automatic Floor Loader – Mobile and Stationary

The automatic floor loading system is an efficient and cost effective solution to feed one or more cutting lines. Depending on the configuration, loading is done from one or two sides.

The mobile version can increase the number of loading positions. The dual side version provides for up to 6x2 frame locations.



Floor Loading System
– single side version



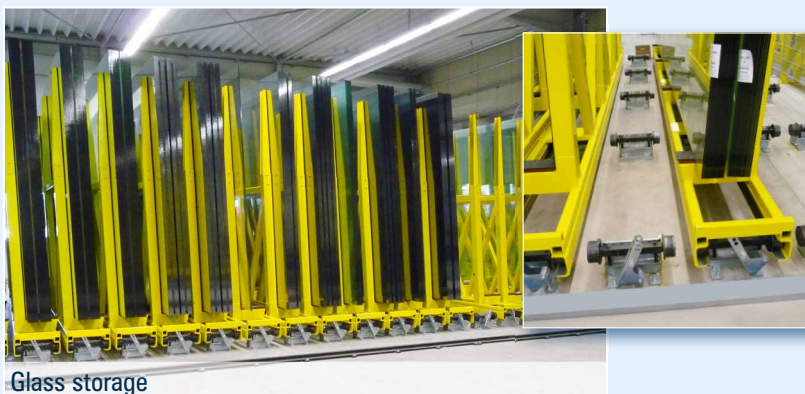
Floor Loading System
– dual side version

Automatic Shuttle Storage System

The shuttle system transports entire racks directly from the warehouse to the transfer station and back. A loader takes the sheets from those racks directly and therefore a movement of the loader to individual rack positions within the warehouse is not necessary. The warehouse can be filled independently from unloading sheets by a loader because these processes are separated.



Transfer-Shuttle



Glass storage



Storage and handover position

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