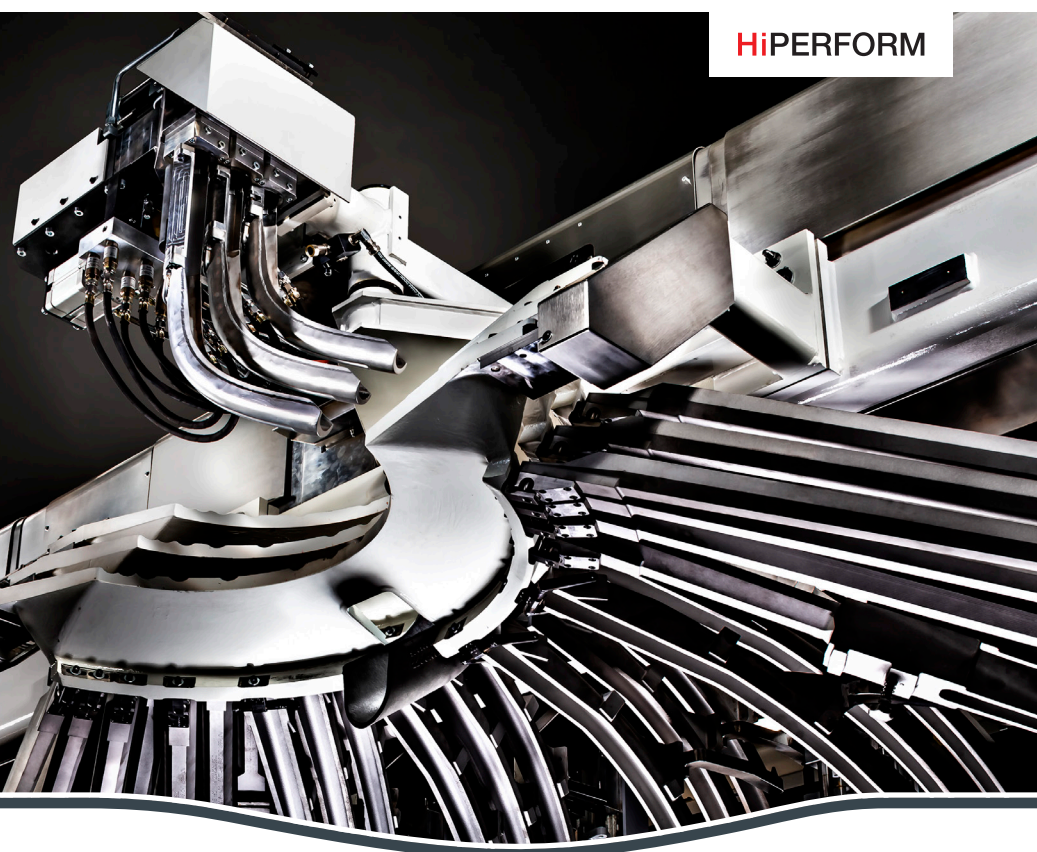


WE ARE GLASS PEOPLE

# HEYE LOADMASTER



## THE LOADMASTER DELIVERY SYSTEM

In IS-Machines, the glass gobs are transported to the individual blank moulds by a delivery system. As they pass through the system, the gobs are influenced both in their absolute speed and in their shape. In diversified systems such as the 12-Section-Delivery there are undesirable secondary effects. These have been minimised by Heye International with the result of a very high constancy in gob loading.

### Features

- The elements of the delivery system are mechanically connected with each other in such a way that when the deflector is adjusted, their relative alignment remains unchanged.
- The exit axis from the deflector always remains vertical during adjustment (parallel adjustment).
- The centrifugal forces acting on the gobs decrease steadily to the necessary minimum at the end of the deflector.
- The insertion of the guide plate between scoop and trough allows small distances in gob support and, in addition, creates space to exactly align the troughs.
- A center reject trough serves the gob at run-back function.
- The scoops, guide plates, troughs and deflectors are made of cast iron, optionally the scoops can also be made of stainless steel.
- The sliding surfaces are optimised for minimum jerk and machined according to mathematical curves.
- Setups in Single Gob (SG), Double Gob (DG), Triple Gob (TG) are available.

### Advantages

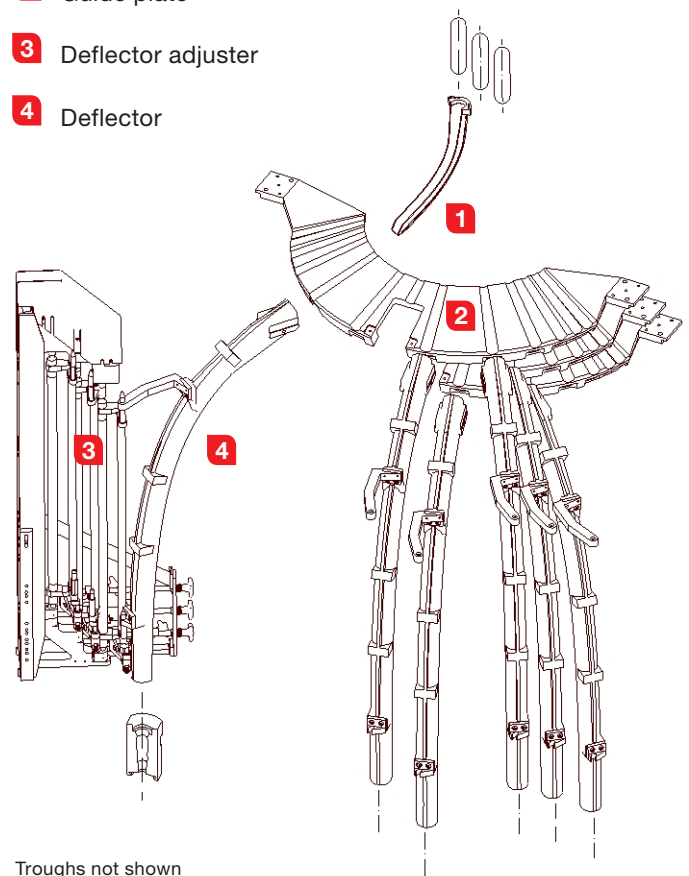
- The machined surfaces ensure a smooth run of gob.
- Long coating intervals are achieved.
- The gob always leaves the deflector vertically and can easily be adjusted to the blank mould.
- The need of readjustment is reduced to a minimum.
- All delivery system components are part of the Heye Modular Concept and can be used multiple for all machine types, thus an economic stock-keeping results.
- Fast change from DG to TG or vice-versa.

### Available profile sizes

- |                |  |
|----------------|--|
| ■ Scoops       | 0", 0 - 1 ½", 0 - 2", 2", 2 - 3", 3", 4", 5"   |
| ■ Guide plates | One size for all gob diameters   |
| ■ Troughs      | 0", 0 - 1 ½", 0 - 2", 2", 2 - 3", 3", 4", 5"<br>UNI I, UNI II, UNI III               |
| ■ Deflectors   | 5/8" - 2" in steps of 1/8", 2 1/8", 2 1/4", 2 1/2", 2 3/4"<br>UNI I, UNI II, UNI III |

All upper, middle and lower scoops, guide plates, troughs (per section) and deflectors (per section) are identical.

- 1 Scoop
- 2 Guide plate
- 3 Deflector adjuster
- 4 Deflector



Troughs not shown

## IMPROVED FUNCTIONS

With the experience of the recent years and the needs of our customers Heye International added some additional functions to the well-established **LoadMaster** Delivery System.

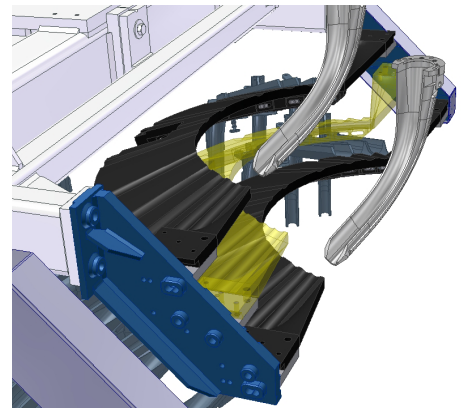
**NEW**

### Change from DG - TG or vice-versa

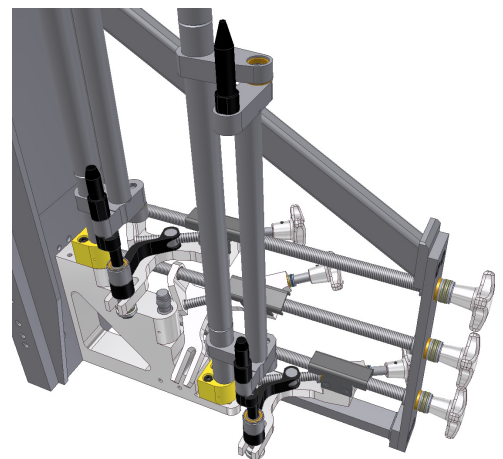
**LoadMaster** deflectors and troughs could always be used in all types of HI IS-Machines. This is now also implemented for components of the stationary delivery system:

The guide plate support and the deflector adjusters were unified for 6 1/4" DG and 4 1/4" TG and remain in the machine during conversion!

At the same time the new assemblies were optimised in many details for a fast change from DG to TG or vice-versa.



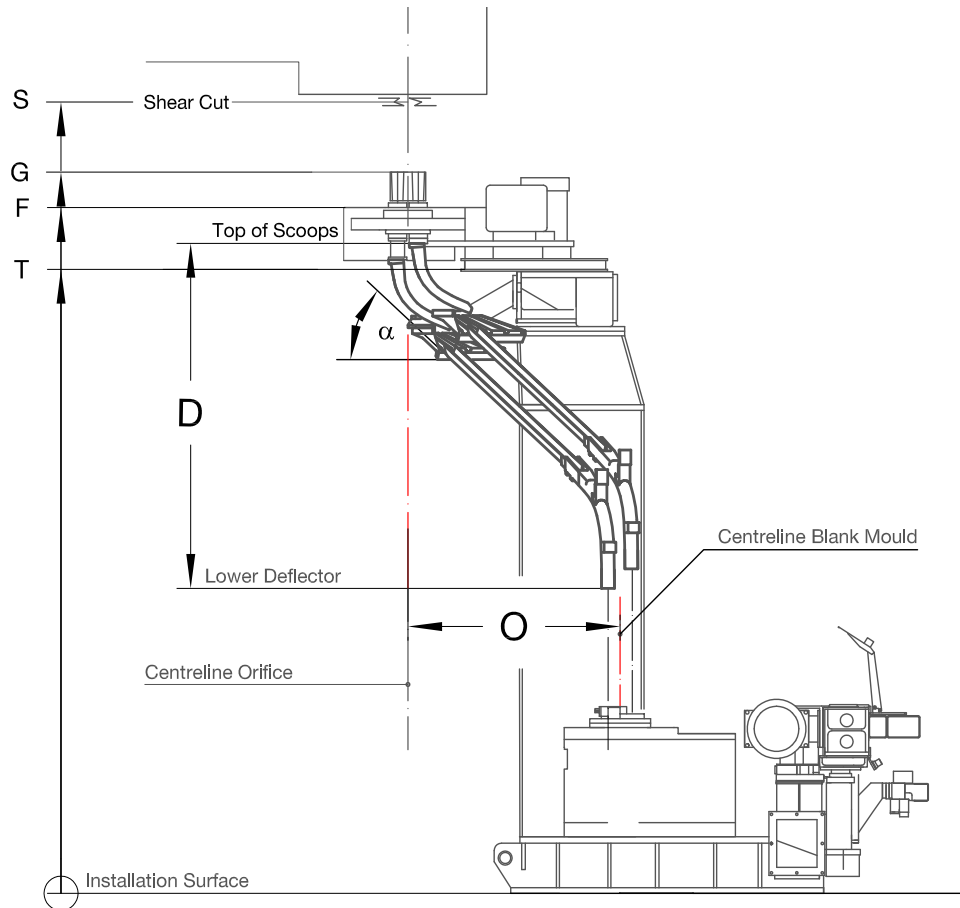
Guide plates DG - TG



Horizontal deflector adjustment

# LOADMASTER IN IS-MACHINES

The Heye Delivery System is based on the main measurements of standard IS-Machines.



Standard dimensions		IS 8	IS 10	IS 12
Trough angle	$\alpha$		22°	
LoadMaster overall height	D		2196 mm	
Top of funnel	F		4415 mm	
Gob rejector height	G		4485 mm	
Offset	O		1168 mm	
Recommended shear cut	S		5150 mm	
Top of scoop beam	T		3971 mm	

**For other dimensions or special requirements please do not hesitate to contact our team !**

Illustrations are non-binding and may include optional equipment.  
Products are subject to continuous technical modifications.

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