

# DELIVERY RANGE

## TARGETS

**Final glass container quality depends on a good gob delivery between scoop-trough and deflector-mould**

- Deliver the gob to the machine with the fastest and most uniform flow
- Develop an easy installation and aligning design to reduce machine downtime
- Grant a high thermal homogeneity for final glass container's high quality
- Long life product and a less maintenance activity

## SCOOPS

### HIGH PRODUCTION QUALITY

- Improved gob delivery with new optimized scoop profile
- Perfect control of gob speed and centrifugal force
- Significant defectiveness reduction
- Available with both air ride or water cooling
- Available both made of aluminum alloy and stainless steel

### LOW MAINTENANCE

- Increased life duration: aluminum alloy scoops available with LONG LIFE surface treatment

### TIME SAVING

- Reduced machine downtime
- No need of coating with LONG LIFE and additional carbon plasma spray treatments

## TROUGHS

### HIGH PRODUCTION QUALITY

- Cast iron manufactured with excellent surface finishing
- High thermal inertia: reduced heat transmission between gob surface and trough
- Uniform gob flow with high gob thermal homogeneity

### FLEXIBILITY

- U and V shape available
- Interchangeability

## DEFLECTORS

### HIGH PRODUCTION QUALITY

- Improved gob delivery with precise and repeatable positioning
- Uniform loading
- Optimized inertial diagram of the gob

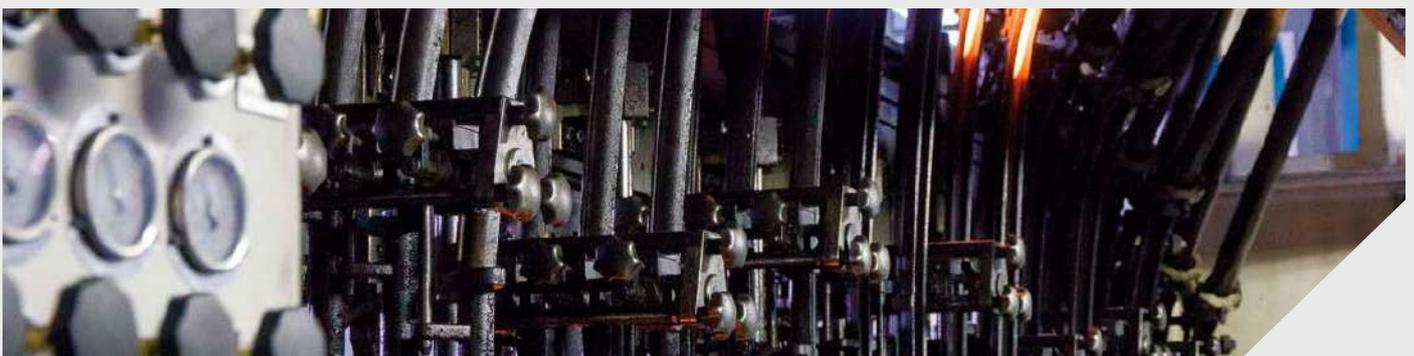
### FLEXIBILITY

- Interchangeability
- Both NAV and Easy Aligning versions available (cast iron manufactured)

### TIME SAVING

- Improved efficiency and gob speed

### Delivery Regulation System

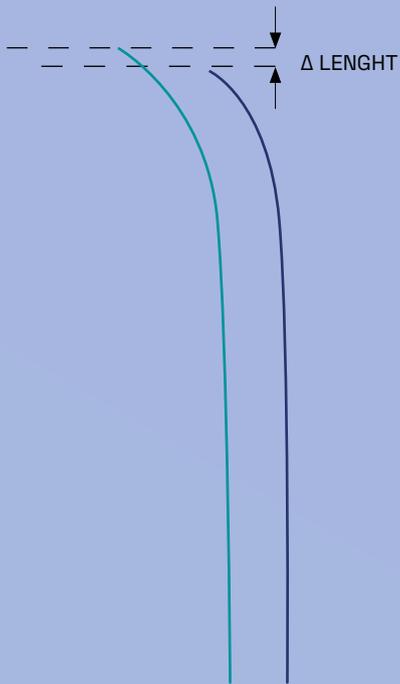


# NEW CONSTANT ANGLE 30°

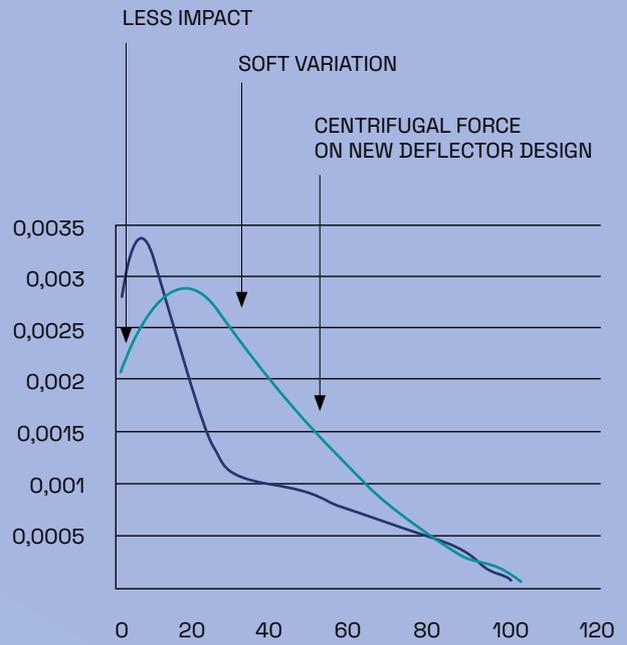


- 30° constant trough angle
- New deflector profile longer on trough side
- New deflector design and profile
- Higher gob speed
- Shorter contact time between gob and trough
- More soft centrifugal force variation
- Less deformation of the gob
- Strongly decreased the impact force between gob and trough
- Nullify centrifugal force at the end point of the deflector





■ TRADITIONAL DEFLECTOR PROFILE  
■ NEW DEFLECTOR PROFILE



# EASY ALIGNING DELIVERY SYSTEM

## SUPPORT HOLDER

- Trough and deflector support design with spider support for a correct and precise trough\deflector alignment during the delivery adjustment
- Adjustable rigidity by belleville washers spring system
- Self-centering device for the support without pins
- Absence of vibration to achieve smooth landing
- Laser gauge for a precise set-up of the delivery

## DEFLECTOR ADJUSTER

- New design deflector adjuster
- New and stronger anti-backlash deflector adjuster for SG-DG-TG
- Double linear guide for longitudinal adjustment
- Spline guides for transversal adjustment
- Quick change support
- Safety system design

## Deflectors Adjuster

