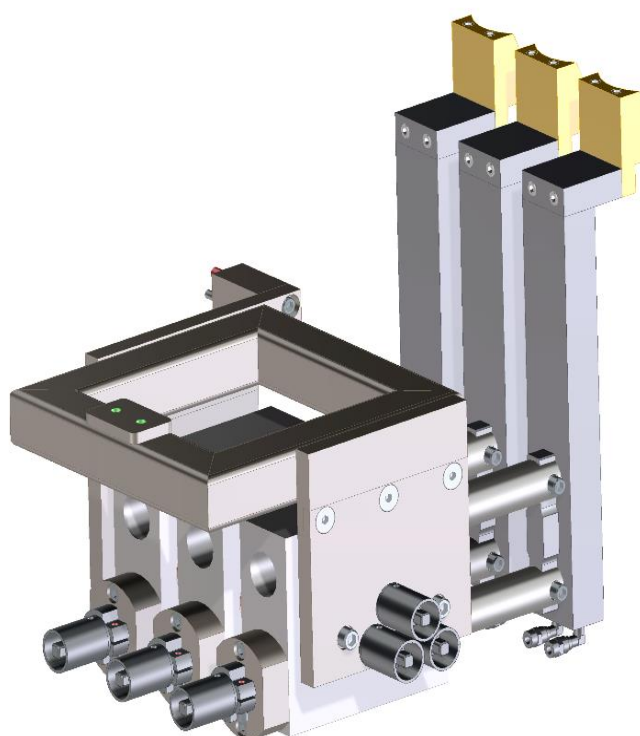






# Technical Bulletin

## New Gob Guide Fixed Mechanism



### Advantages

-  Correction of gob fall direction
-  Adaptability to different configurations
-  Cooled tool holders and gob guides
-  Easy adjustment

## Introduction

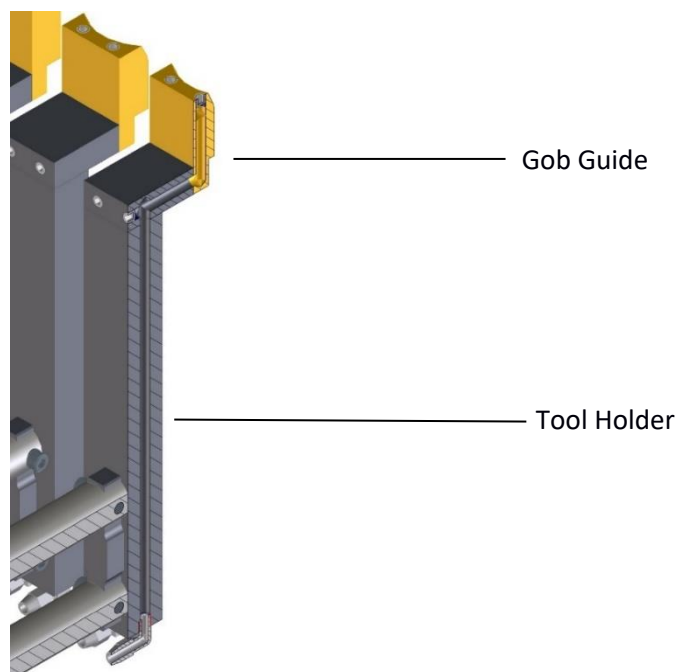
The project of the Fixed Gob Guide has been developed to ensure precise gob guidance, particularly in high-frequency gob formation scenarios where the inertia of the cut may cause deviations from the optimal fall trajectory. The Fixed Gob Guide Mechanism reduces this risk by effectively helping and directing the gob to maintain its intended ideal path.

This mechanism is exclusively designed for installation on the BDF parallel cut M4 version. It cannot be mounted on previous parallel cut versions.

## Description

The BDF Fixed Gob Guide Mechanism is engineered for quick format changeovers while prioritizing operator safety, even during the registration phase. Its adjustment points are strategically positioned to ensure easy accessibility while remaining safely distanced from the gob fall zone.

This mechanism is designed to operate in TG 3", DG 4"3/8, and SG configurations. Format changes are simplified by replacing the gob guide when necessary and registering its position with the appropriate adjustments.



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This mechanism has a rigid structure, manufactured with high-precision processes, to obtain tighter tolerances to allow precise adjustments during the alignment phase between the knives and the gob guide.

The use of vibration-absorbing materials enhances gob guide stability in the working position, minimizing movement and improving cutting precision.

Both the tool holder and the gob guide are water-cooled, significantly extending component lifespan by mitigating the effects of heat and droplet impact.

Additionally, the dedicated bottom cooling system provides adjustable cooling for the cutting blades, both linear and inclined, based on their opening position, optimizing thermal management and operational efficiency.

## Specifications

The overall dimensions are: Length: 450 mm, Width: 365 mm, Height: 390 mm,

Tool Holder Adjustment Stroke: 3/8" to 2". The gob guides used on this mechanism are:

Gob Guide Size	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	3"1/2	4"
Mechanism P-612-6-F-S			1	1		1	1	1	1	1	1
Mechanism P-612-6-F-D			2	2		2	2	2	2		
Mechanism P-612-6-F-T6			3	3		3	3	3			

With the BDF fixed gob guide mechanism it is necessary to use the following cooling systems:















Bottom Cooling	TG 3"	DG 4"3/8	SG
Mechanism P-612-6-T6	✓		
Mechanism P-612-9-T6F		✓	
Mechanism P-612-9-D2F			✓

Installation

The BDF Fixed Gob Guide Mechanism is interchangeable with the M4 Parallel Cut Mobile Gob Guide. Installation requires the use of the same mounting holes as the Gob Guide Control Remote Commands.

Features

Benefits

 Fixed Gob Guide	 Gob fall control  Reduction of cutting inertia  Greater flexibility of adjustment  Accuracy of the gob fall at high speeds
 Brass Gob Guide	 Reduced wear and tear  Better cooling of the water  Better scroll surfacing gob
 Water cooling	 Increased expansion resistance
 Compact structure	 Increased resistance to vibrations  Greater accessibility to adjustments