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**Patent/Property rights** please note: FLEXrack already has patent rights. We must emphasize that any imitation or copying of protected products or processes represents an infringement of our legal rights and shall make the infringer liable to pay damages. All mentioned trade names are properties of their respective owners.

- FLEXrack have been specifically designed for use in Bobst die cutters and can be installed in every older and latest Bobst die cutter with blanking unit. Assembly generally takes just a few working hours. After that, regular production can continue.
- We don't change the mechanical drive or machine control system of the die-cutters. FLEXrack is fastened to the existing machine elements.
- Since the total weight of FLEXrack (locking bar, carriage and non-stop bars) is mostly same of original Bobst equipment weight problems are unknown until the existing drivetrain is in good conditions.



**Your Problem Solving Partner**  
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With reservation of technical alteration

## Fast and flexible set-up of non-stop swords for blanker delivery

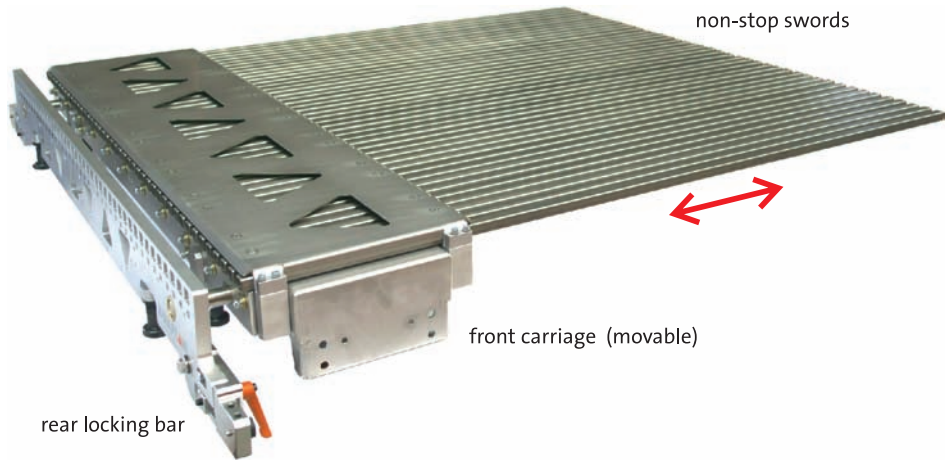


**three, two, one - done!**

# FLEXrack

- ▶ Universal non-stop rack
- ▶ Retrofittable for every Bobst die cutter

FLEXrack is an innovative and fully integrated solution firmly installed inside the die cutter. No more struggling with the awkward handling of the individual non-stop bars. A large number of slender stainless steel bars are always positioned with identical spacing and engaged to support the blanks depending on their active or inactive status.



The non-active swords for a specific job are positioned in the rear locking bar, which is securely connected to the machine frame. The front carriage moves with the active non-stop swords depending on the machine cycle for the stack changeover.

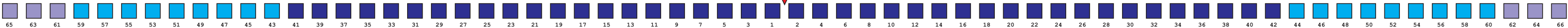


Example of a blank placed on the active FLEXrack non-stop swords.

Inactive bars are firmly secured in the rear locking bar to remain non-active.



size 106 = 42 bars, 145 = 60 bars, 162 = 66 bars



# FLEXrack

- ▶ Stainless steel bars for cleanliness & hygiene
- ▶ Best support of small blanks



The front carriage moves along the active non-stop swords while the non-active swords are positioned in the rear locking bar which is secured by a single locking mechanism.

Based on Centerline, every single non-stop sword has a dedicated number.



A lateral adjustment feature simultaneously moves all non-stop swords at one time. This feature allows for utilization of older blanking tools.



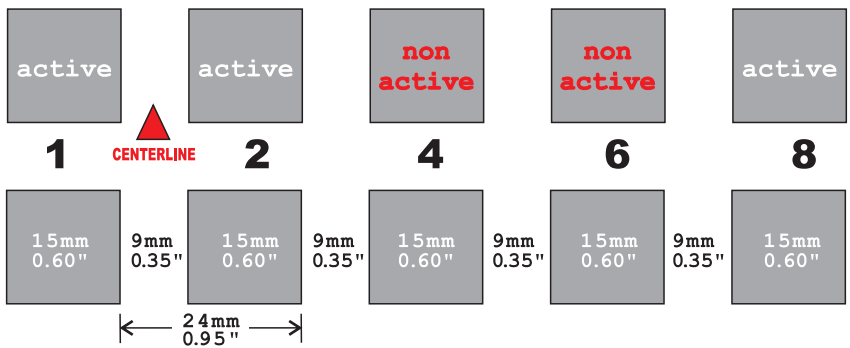
For very special jobs, we offer the slim 10mm swords. Due to the one-sided design of these 10mm bars, the set-up is quite flexible and convenient.

The one-sided swords are flexible and easier to use which is especially helpful for smaller blanking jobs.

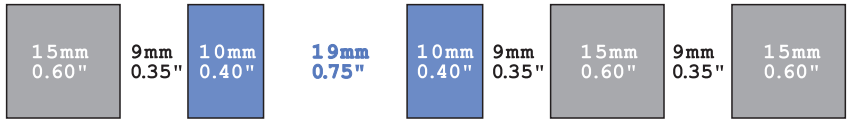
Centerline

# FLEXrack

- ▶ Very short set-up time in blanking unit
- ▶ Total flexibility due to new slim 10mm swords



The width of a standard non-stop sword is 15mm (0.60"). The space between each non-stop sword is 9mm (0.35").



The width of **slim** non-stop sword is just 10mm (0.40") and fits into every blanking tool.

## Different possibilities for set-up

1. *Universal:* As described above, all non-stop swords are pushed against the lower blanking tool. The restricted non-stop swords are then non-active and are locked in the rear locking bar.
2. *Adapted:* this is the most common set-up. Depending on the predetermined numbers or markings on included ruler (e.g. from internal pre-make ready process or from external tooling manufacturer), the machine operator immediately recognizes the active and non-active non-stop swords. This allows the operator to identify, quickly lock and save time. This is the best set-up choice even for a repeat job.
3. *All FLEXrack non-stop bars are active:* New blanking tools are made by the cutting tool manufacturer in such a way that the guide and the guide strips in the lower blank separating tool fit perfectly between the standardized spaces between the non-stop swords. As a result, all non-stop swords present are always active. In most of these situations, there is no need for selection and manual locking of the non-stop swords in the moveable carriage and in the rear locking bar.

scaled down