

SINCE **1973**

# VSB

Vimercati Storage Bend



Devoted to **ACCURACY**

## VSB – Automation alongside the bending operator



### FAST

Maximum setup speed, three times faster than manual operations, even in the presence of complex tooling



### SAFE

A laser scanner monitors and protects the work area, allowing even unattended operations to be carried out in total safety.



### EVOLVED

possibility of offline programming via CAM capable of importing DXF, IGES, STEP files



### PRECISE

Zeroing of errors due to incorrect manual tooling.



### FLEXIBLE

It is suitable for both programming and production of small batches and kits.



The **VSB Vimercati Storage Bend** solution consists in the integration of the press brake with an automatic tool changer warehouse.

The VSB solution makes bending process more versatile, faster and more reliable. It eliminates the manual configuration of the machine and allows the operator to dedicate their own time and skills in preparing the bending batches.

It is ideal for small, complex, and uneven batches where setup times impact the productivity of the press brake and the production cost.

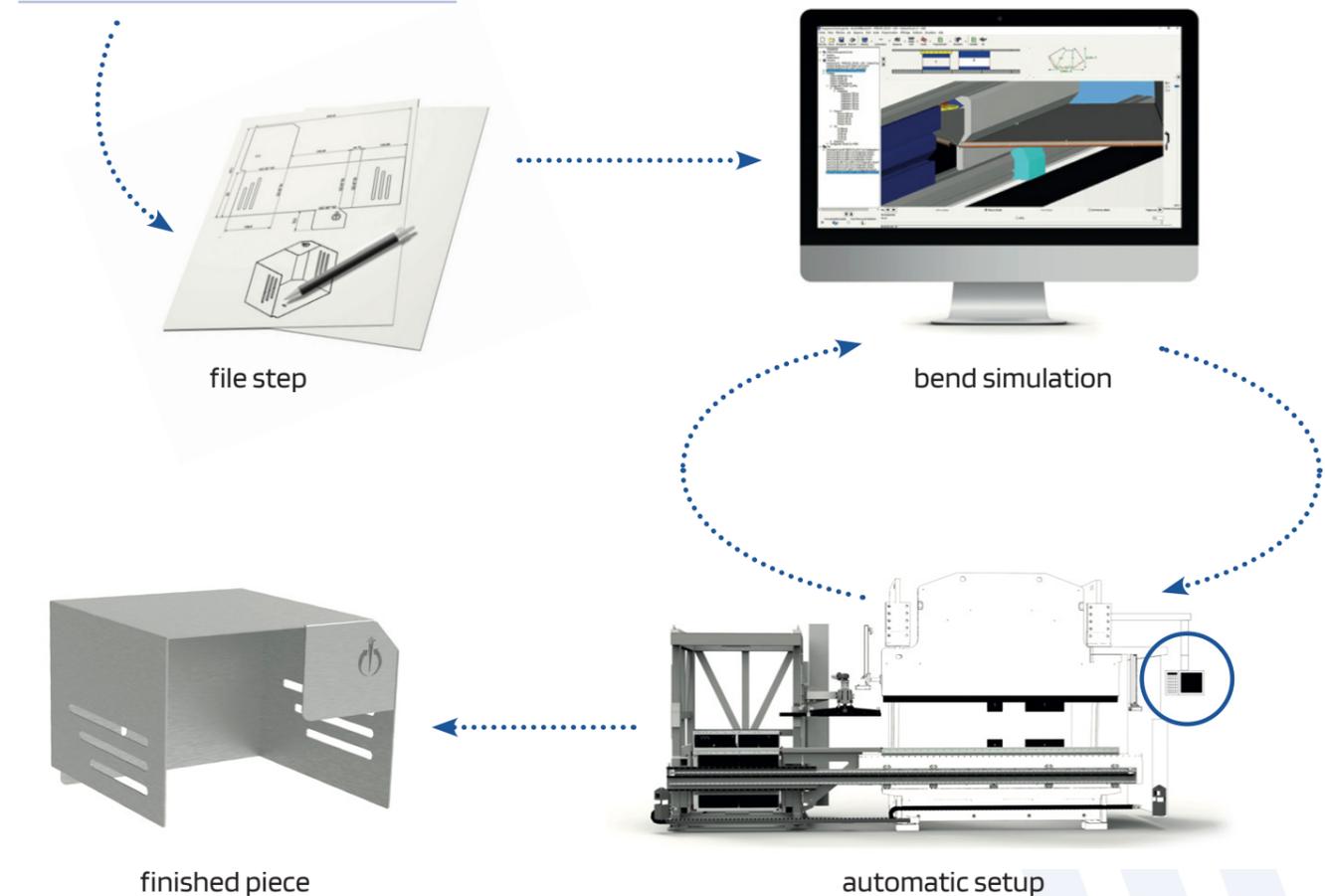
### STANDARD CONFIGURATIONS:

- > 7-axis Hybrid press brake ton 150x3050 mm  
ton 200x3050 mm – ton 200x4100 mm – ton 250x4100 mm
- > Wila Premium tool clamping
- > Hybrid HCL crowning system
- > Motorized photocells
- > Double screen CNC
- > Tool Storage available in two lengths 32m – 60m which can be housed both on the right and on the left sides of the press brake
- > Shuttle for automatic picking and positioning of tools
- > Automatic change of the die (dies up to 70 mm V)
- > Automatic change of punch with 180 ° rotation of the tools
- > Protections

### OPTIONAL:

- > Stroke +100 mm
- > Axis of back gauge XRel 2
- > Angle reader LENS
- > Pneumatic bending/flattening tool incorporated into the table
- > Wi-Fi pedal
- > Sliding frontal supports
- > Bending arms A1 A2

## Simplified productive process



### OFFLINE PROGRAMMING

- > Simulation of the bending process
- > Saving programming time on the machine
- > Saving time of machine set up

### SETUP

- > Easier and faster
- > Production plans optimized

### PRODUCTION

- > Rising production efficiency

### TWIN CONFIGURATION

The flexibility of the tools storage also allows the creation of the **TWIN** system that combines two press brakes to the same warehouse, offering the same tools park at the service of two presses, making them always available to produce.

The **TWIN** storage has a capacity of 60 meters of tools, meanwhile the press brakes can be the same or different in tonnage and length.

This system involves the use of 10 racks: 5 combined between punches and dies, and 5 dies only.



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