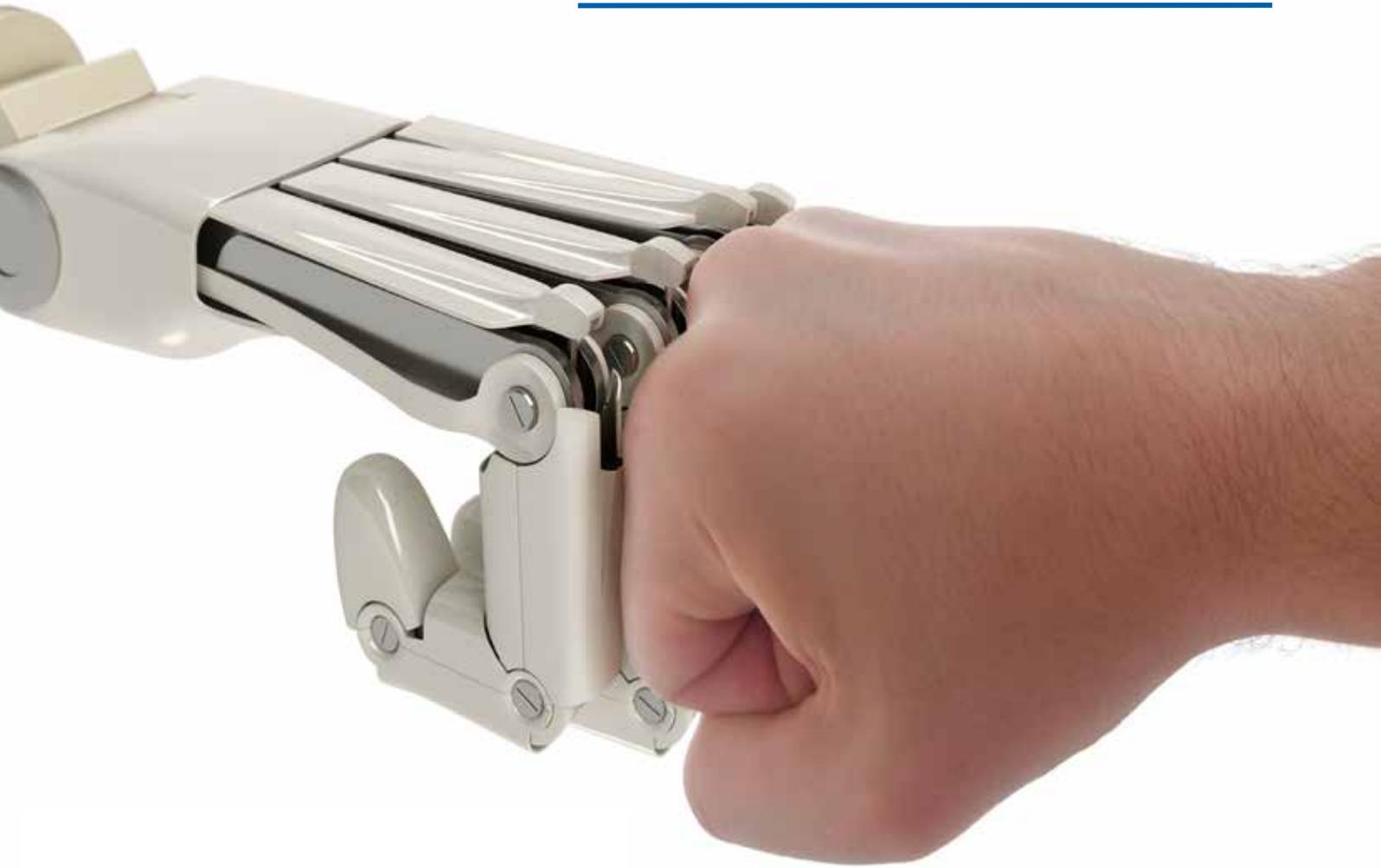# ROBOBEND OPTION

MANUAL & ROBOT BENDING

RoboBend option is a flexible system which enables the Press Brake to work as a Robotic cell or as an ordinary press brake with an operator.

RoboBending or *Manual Bending*

all in once

ROBOT BENDING

THE ROBOBEND OPTION

The RoboBend option is a system which can be mounted in any of our hydraulic Press Brakes.

HIBRYD SYSTEM

Press Brake is capable to operate as a Robotic Bending cell when it is needed or as a manual Press Brake with an operator with all safety systems integrated.

OFFLINE SOFTWARE

Offline programming at the same time robot and press brake without having to learn or manage multiple numerical controls.

ROBO-BENDING

When the quantity of parts is big, the Press Brake can be transformed into a fully automatic robotic cell:

The machine's safety is turning into a Robotic Cell Safety and the machine can work two or three shifts accordingly without an operator.

The machine can reach the maximum possible working speed, which is not anymore limited by CE regulations.

COMPACTNESS

Extremely compact design; Linear track installed directly on the press brake, providing free space along the entire working length.

SAFETY

Integrated safety systems for both robot and manual bending, according toEU regulations.

MULTIPLE STATIONS

Possibility to work with multiple pickingstations, in order to bend diverse profileswith one program.

MANUAL-BENDING

When the quantity of the parts is not so big in order tooperate as Robotic Cell, the Robot is parked at machine'sleft side, allowing free space along the entire working length.

The laser safety systems for manual operation are activated, so as the system to comply with CE regulations.

Hence, the machine can be operated as an ordinary press brake, taking advantage of the entire bending length and additional fuctions.

RoboWave bending

The complete solution, dedicated to robotized bending process:
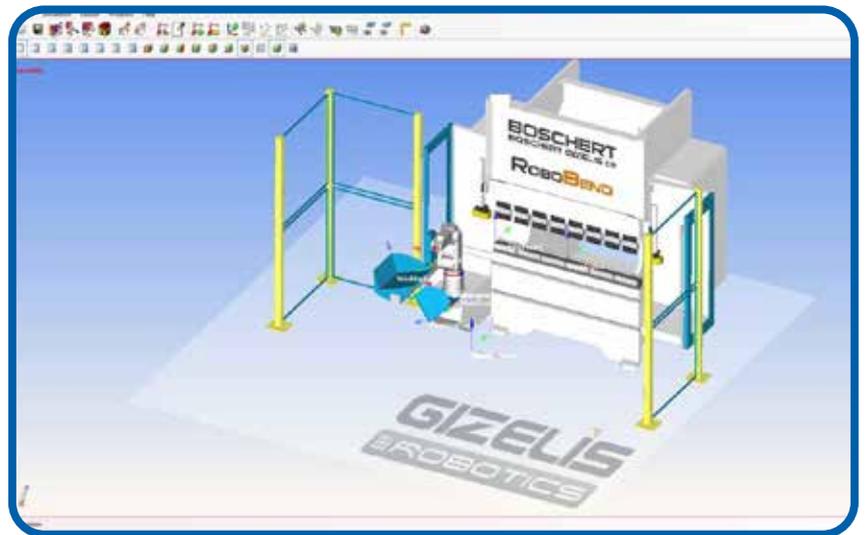
Verify cell layout feasibility

3D realistic simulation

Off-line program without teach-in

Generate robot and press brake part program

Manage cell elements and bending parameters libraries

Manage any type of layout, including 7th axes, gantry, multi-load and unload stations

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