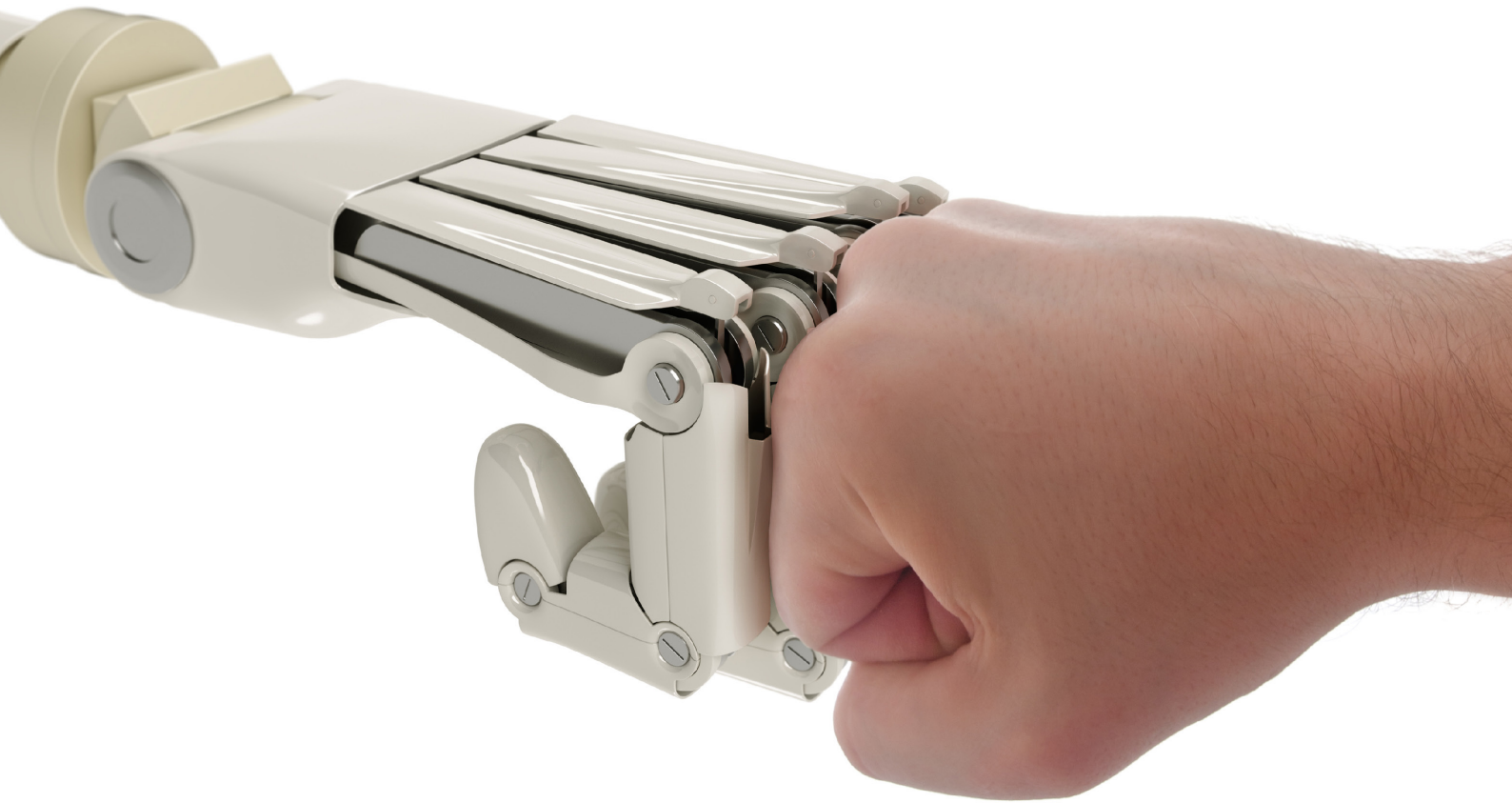


ROBOBEND



MANUAL & ROBOT BENDING

all in one

Manual Bending When You Need Flexibility.

Robot Bending When You Need Productivity.

RoboBend Delivers Both — On the Same Machine.

BOSCHERT GIZELIS.co

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.

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 one

COMPACTNESS

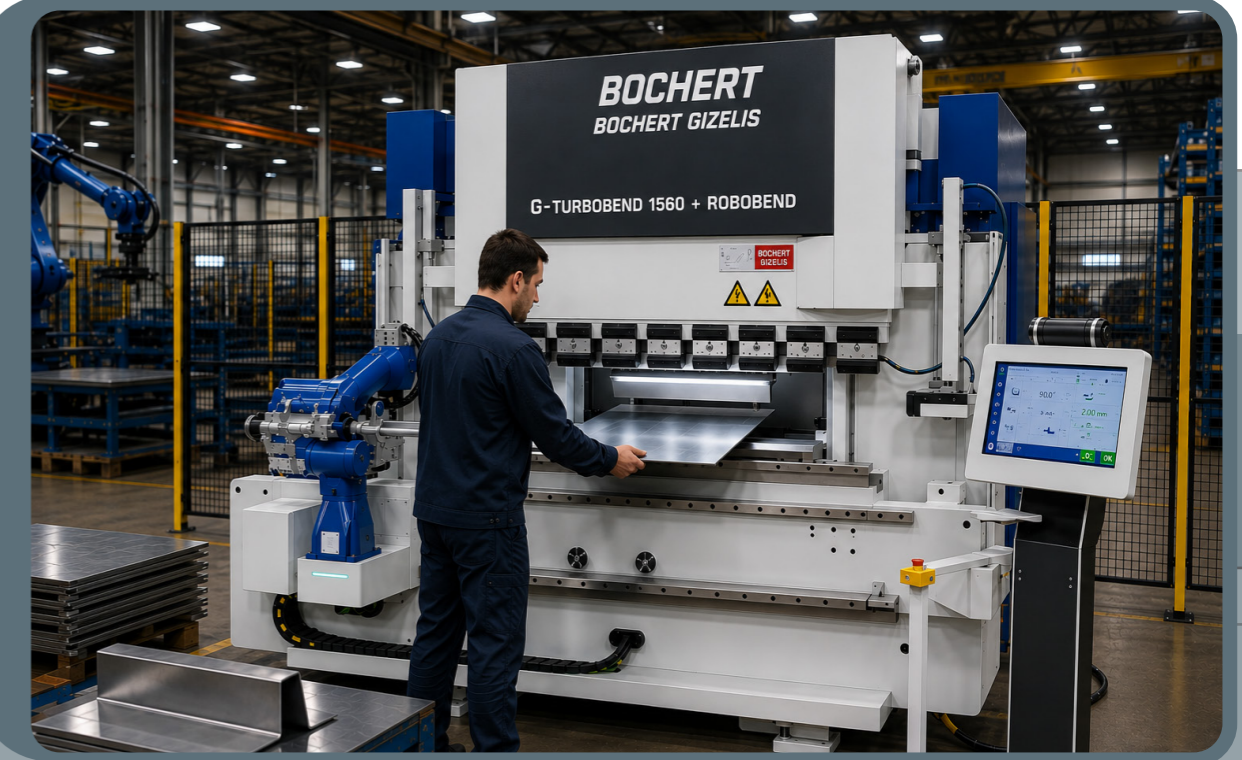
Extremely compact design; Linear track installed directly on the press brake, providing free space along the entire working length.

SAFETY

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

MULTIPLE STATIONS

Possibility to work with multiple picking stations, in order to bend diverse profiles with one program.



- Fully automated production
- Consistent quality and repeatability
- Reduced labor dependency

- Increased productivity and machine utilization
- Ideal for repetitive parts and larger production runs
- Supports unattended and second-shift operation

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OFFLINE SOFTWARE

G-ROBOSOFT

Complete Software Solution for Robotic Bending Automation



ROBOTIC BENDING CELL SIMULATION

Simulate and validate your cell before production.



PRESS BRAKE AND ROBOT PROGRAMMING

Automatically generate robot programs from bending data.



DESIGNED TO AUTOMATE AND OPTIMIZE THE BENDING PROCESS IN MANUFACTURING

Increase efficiency, reduce cycle time and improve productivity.



WHAT DOES G-ROBOSOFT DO?



3D

SIMULATES AND CONFIGURES ROBOTIC BENDING CELLS

Accurate 3D simulation of press brake, robots, tooling, grippers, and peripherals.



GENERATES SYNCHRONIZED NC CODE

Automatically generates synchronized NC code for both robots and press brakes.



3D/2D PART IMPORT, UNFOLDING & AUTOMATIC TOOL SELECTION

Import parts in 3D or 2D, automatic unfolding and optimal tool selection for every bend.



CALCULATES GRIPPING AND TRAJECTORIES

Automatic calculation of gripper positions and robot trajectories with manual adjustment options.



VERSATILE STACKING, PRODUCTION TIME ESTIMATION & CELL CALIBRATION

Flexible stacking strategies, accurate cycle time estimation and cell calibration for maximum performance.



SUPPORTS BATCH PROCESSING

Efficient batch processing and full support for small or complex part runs.



REDUCE SETUP TIME
Faster programming and validation.



INCREASE PRODUCTIVITY
Optimized cycles and automated processes.



IMPROVE ACCURACY
Collision-free simulation and precise results.



LOWER COSTS
Minimize errors, scrap and rework.



MAXIMIZE FLEXIBILITY
Handle any part, lot size or production demand.

Why Choose RoboBend?

One Machine. Two Production Modes.
Unlimited Flexibility.

With RoboBend, manufacturers no longer need to choose between manual flexibility and robotic productivity. The same machine delivers both, allowing operators to manually bend large and special parts during the day while the robot automatically processes repetitive work during breaks, after hours, or throughout the night.

| GIZELIS S.A. |
Schimatari Viotias, 32009,
Kormatzini Area, Greece
T: +30 22620 58675, F: +30 22620 57185,
www.gizelis.com, info@gizelis.com

| BOSCHERT GmbH & Co. KG |
Mattenstr. 1, 79541 Loerrach,
Postfach 7042, Deutschland,
T: +49 7621 9593-0, F: +49 7621 55184,
www.boschert.de, info@boschert.de