

# nexGen

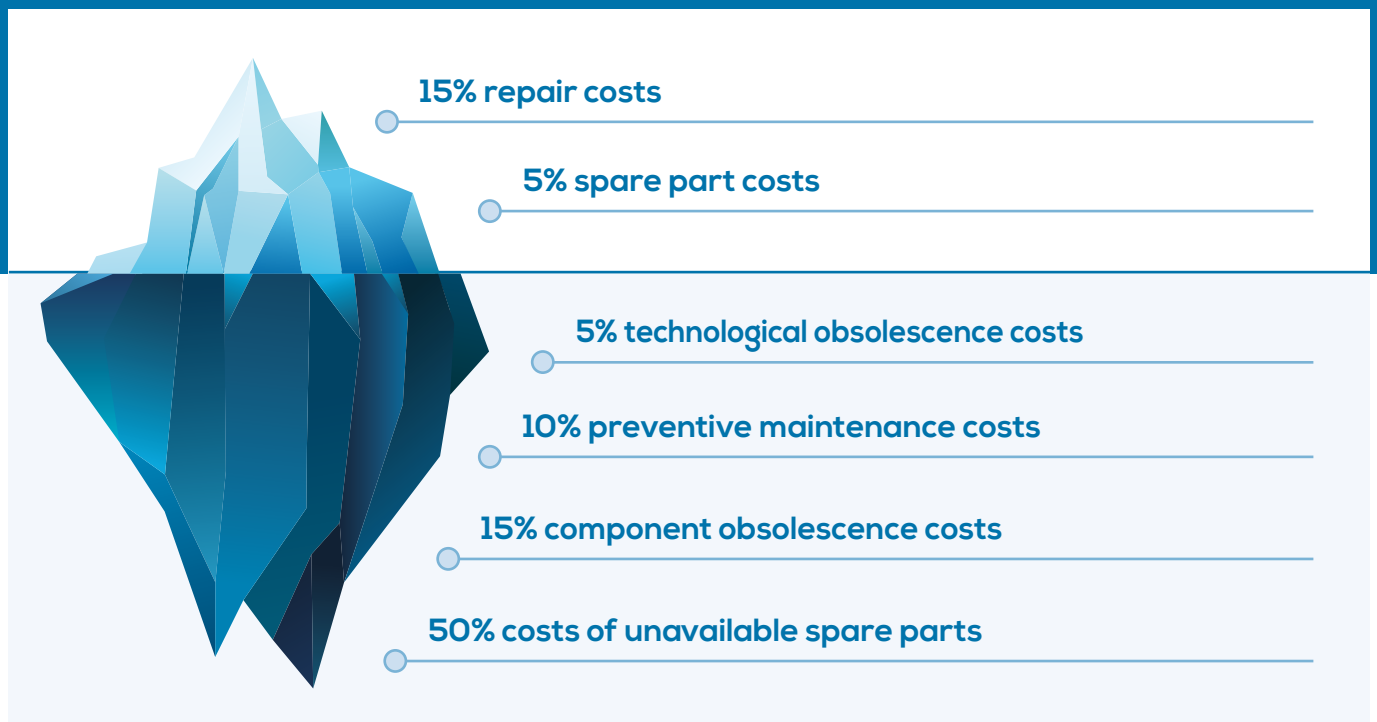
RETROFIT PROGRAM PRESS BRAKES



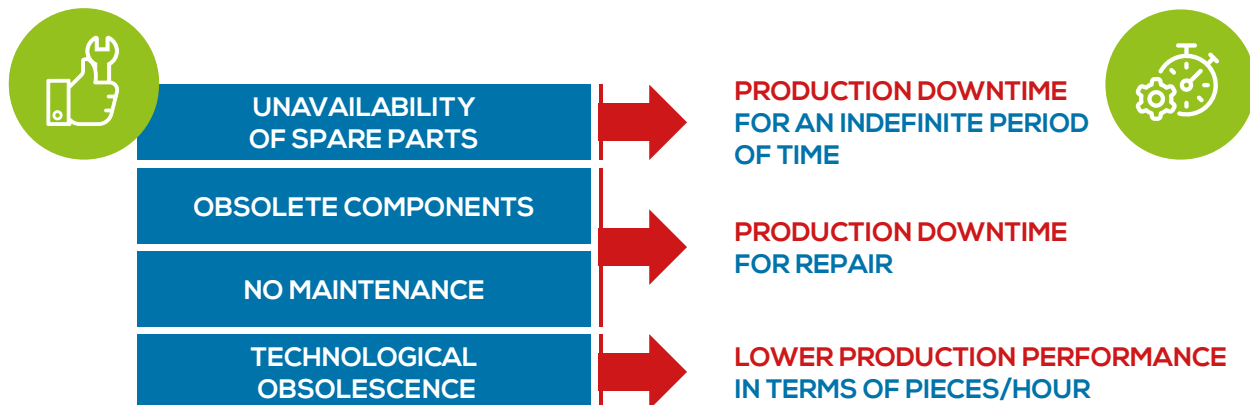
A NEXGEN retrofit transforms your LVD press brake, updating the CNC control and CE safety devices to bring your machine into the Smart Industry era and enhance your investment.

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When analyzing costs, many sheet metalworking companies place the importance on direct costs (about 20%), failing to consider undeclared or indirect costs resulting from production downtime (about 80%).



Indirect costs can result in an **up to 50%** loss of production for each press brake in your shop.



NEXTGEN offers a solution. A retrofit of your press brake adds current technologies to increase its production capacity, reduce maintenance costs and downtime, and extend machine life.

# WHAT'S INCLUDED IN A NEXGEN RETROFIT?

A NEXGEN retrofit will update obsolete components that are difficult to replace or repair. LVD carefully considers the individual components for each press brake,

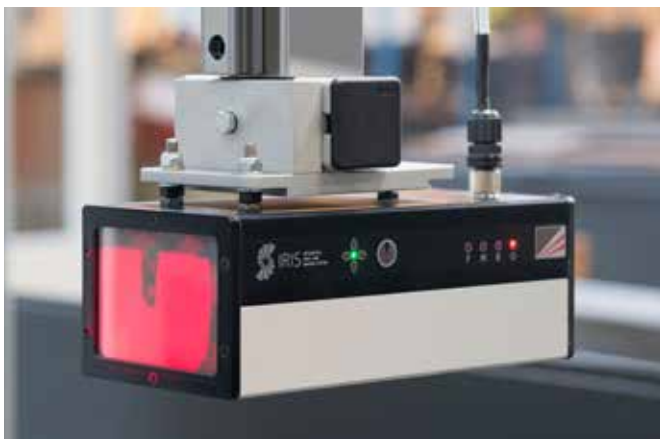


## 19" TOUCHSCREEN

- The latest generation LVD Touch-B control is intuitive and simple to use, thanks to the touch screen.
- Drawing a profile and bending it has never been faster.
- The desired angle is achieved from the first bending operation, thanks to the LVD database.

### PCSS-A

A new safety controller replaces old control relays, improving the speed of the bending cycle and allowing the use of the new IRIS Lazer Safe safety photocells. Additionally, PCSS-A provides CNC control with real-time error status for immediate fault diagnosis.



### IRIS LAZER SAFE

The newly designed IRIS transmitter and receiver features an imaging system capable of tracing the safety zone in correspondence with the tools, allowing you to work with speed changes less than 1mm from the sheet metal. Offered as an option, depending on the models already in use.

### B&R, ALCOM PC, AND AXIS BOARD

More computing power is possible with the latest B&R industrial PC equipped with SSD hard drive.

This update provides an embedded WIN10® interface and new axis control management with the Linux-based Alcom unit featuring integrated i/o card.



### B&R PEDAL UNIT

A new pedal unit complies with the latest EC safety regulations (directive 2006/42/EC). It provides new control functions from the pedal panel, including changing the program parameters and opening/closing of the tool clamping.

## MACHINE AXIS MOVEMENT

All motors, servo drives, and transmission cables used to move the machine axes can be replaced. This is necessary if the machine is equipped with Baldor engines, which are no longer available on the market. Otherwise, the replacement of these components is optional.



## HELPDESK AND REMOTE SUPPORT

The new Touch-B controls are integrated with licensed remote support software (Teamviewer®). The ability to connect directly to controls on the machine significantly reduces machine downtime and reduces the need for technical intervention by as much as 50% thanks to online fault diagnostics.



## i-LAN EASY-FORM® LASER

The new angle control with i-LAN technology is the latest evolution of the LVD adaptive bending system. Speed and application have been improved by introducing new production features.

The system now uses an Alcom control PC that communicates with the cameras through ethernet cables, specially designed to guarantee longevity over the years.

Only for machines that are already equipped with the Easy-Form® Laser system.



# KEYS OF SUCCESS TO THE NEXGEN RETROFIT



## DRASTIC REDUCTION OF MACHINE DOWNTIME RISK

- No risk of running out of spare parts
- New components with a guarantee of durability
- Advantage in using the latest technologies on the market



## INDUSTRY 4.0 COMPATIBLE

- Your machine enters into Smart Industry 4.0
- Centralization and analysis of production data for total control of the production process



## INCREASED PRODUCTIVITY UP TO 50%

- Easier, faster, and more intuitive programming with Touch-B control
- Study and visualization of complex parts with 3D graphics
- Offline programming from the office with CADMAN-B, maximizing the productivity of the bending department



## SAFETY AND SERVICE

- Compliance with the latest safety standards with a significant increase in production speed
- Introduction of remote assistance for online support and remote error diagnosis

For more information and dedicated offers:  
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