

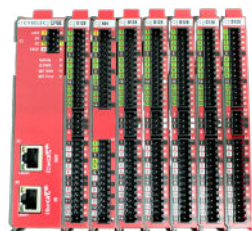


One Single CNC Bending Cell

Intuitive programming

Fully integrated CNC and robot solution for bending cells, which offers you new opportunities with unique benefits:

- Automatically generated robot program.
- Easy, user-friendly and significant time saving programming
- Both bending machine and robot controlled by same CNC.
- Perfect synchronization between the press brake and the robot
- Production of low to high runs of simple parts on small and medium-sized press brakes.
- Implementation as well in small workshop than in large factories.
- Major gains in production with higher productivity.
- Fast return on investment.



Main features for the user

- One single CNC controlling both the press brake and the robot.
- Easy, user-friendly and significant time saving programming. The robot program is automatically generated from the bending program of the CNC.
- Perfect synchronization in real time between the press brake and the robot throughout the whole bending process.
- Major gains in production with higher productivity working in 2 shifts or even 24/7 production possible.
- Fast return on investment e.g. low investment and higher capacity without increasing the number of machines.
- With the help of the offline software (option), a 3D simulation before production can avoid unnecessary collision.



Main features for the OEM

- Cybelec supplies the complete package e.g. the VisiTouch numerical control, the Infranor arm robot, software licenses and calibration tools.
- Precise mounting of the robot arm in front of the press brake is made easy by following Cybelec clear instructions.
- Very simple wiring between the CNC and the robot via EtherCAT fieldbus.
- Simple and accurate set-up and calibration thanks to autotuning.
- Full support from Cybelec, for example, to analyze the parts that can or cannot be manufactured.



Ordering information

- VisiTouch Pac basic configuration with 4 axes (Y1, Y2, 2 axes), PS-2D software and 3D viewer is configurable with many software options.
- CybIO configurations available for all kind of press brakes with:
 - Digital or analog electrical axes.
 - Proportional valves with or without feedback.
 - Servo-valves
- The OFT-RAR arm robot control plugin (require 6 axes licenses)
- The DCR-1300-10-6 Infranor arm robot (Payload 10 kg, Reach 1300 mm)
- VisiTouch PC offline software available:
 - Arm robot control



Take a look at the videos to get started !

Robot programming :



Robot bending :



**One Single CNC
Bending Cell
Fully integrated
solution for bending
cells**

