

WELCOME TO

 **CYBELEC**

*INFRANOR GROUP COMPANY*

**The Intuitive Programming**

# WHO WE ARE

Cybelec SA is a Swiss manufacturer of Computer Numerical Controllers (CNC's). Over the course of its half-century history, Cybelec has installed more than 100'000 units worldwide.

Cybelec belongs to the Infranor Group, a major solution provider in the area of motion control, servo motion control solutions for OEM's and end-user requirements.

Cybelec is a market leader in metal forming technology offering a complete range of high-performance numerical controls commonly used with press brakes and shears. Employing over 50 people, Cybelec places great importance in having highly qualified and experienced engineers. Through its network of subsidiaries, agents and service partners, Cybelec is present worldwide.



This book aims at giving you a global overview of our company and of our products range in order to help you find the best solution for your needs.

## OUR CURRENT PRODUCT PORTFOLIO COVERS :

- Numerical controllers based on today's hardware platforms allowing full electronic synchronization of hydraulic press brakes.
- User friendly programming based on an "intuitive programming" concept.
- Touch Screen Numerical Control Systems featuring full 3D process simulation.
- Open architecture concept for customer specific functionality assurance.



## BUT CYBELEC IS ALSO :

- Almost 50 years of internationally recognized expertise and Swiss quality.
- Extensive product range and CNC solutions with a competitive price/performance ratio.
- Trademark intuitive programming common to all products.
- User friendly touchscreen technology allowing the operator to keep his gloves on.
- Autotuning systems helping technicians to achieve a quick and precise set up.
- Local engineering, training and service.
- Unique, streamlined and modern design.

# OUR MILESTONES



Founding of Cybelec in Renens, Switzerland

1970

1974

First removable RAM data storage on a CNC



World first electronically synchronized press-brake

1978

1984

First CNC with a CRT screen displaying 2D parts



First CNC with a color screen displaying 3D parts

1988

1989

Cybelec integrates the Infranor Group/Perrot Duval



First DNC, working ever closely with CAD softwares

1992

1993

DNC10, DNC20, DNC50 as entry range models



DNC1200, first split machine (rack & console)

1999

2002

First slim console (ModEva 15S)



Opening of CNCT, Cybelec branch in Shanghai

2005

2012

First full touch screen numerical control



First embedded CAM (ModEva RA)

2014

# OUR PRODUCT RANGE

Performance ↑



*ModEva 19RA*



*ModEva 19T*



*ModEva Pac*



*CybTouch 12 PS*



*CybTouch 8 PS*



*CybTouch 8 G*



*CybTouch 8 W*



*CybTouch 6 P*

Price →

# SELECTION GUIDE

	<i>CybTouch 6 P</i>	<i>CybTouch 8 PS</i>	<i>CybTouch 12 PS</i>	<i>ModEva Pac</i>	<i>ModEva 19T</i>	<i>ModEva 19RA</i>
Display	6"	8"	12"	15"	19"	19"
HMI	Alphanum.	Alphanum. or 2D	2D	2D	2D or 3D	3D
Axes	2	3 + 1	4	4 or 7	4 to 18	4 to 18
Crowning	-	yes	yes	yes	yes	yes
Backup/ Restore	RfLink*	RfLink* / USB	RfLink* / USB	USB / network	USB / network	USB / network
PC offline	-	yes	yes	yes	yes	yes
Remote assistance	-	-	-	yes	yes	yes
OS	Cybelec	Cybelec	Cybelec	Windows 7	Windows 7	Windows 7

	<i>CybTouch 8 W</i>	<i>CybTouch 8 G</i>
Display	8"	8"
HMI	Alphanum.	Alphanum.
Axes	1	1
Blade gap	1	2
Backup/ Restore	RfLink*	RfLink *
PC offline	-	-
Remote assistance	-	-
OS	Cybelec	Cybelec

\* Cybelec wireless communication for backup and firmware update

# CybTouch 6 P



# DESIGNED TO CONTROL TORSION BAR PRESS BRAKES, *CyBTouch 6 P* CAN CONTROL 2 AXES (Y - X)

## INTERFACE

- ⇒ Excellent readability
- ⇒ User can be operational rapidly with almost no training
- ⇒ Interactive messages guide the operator

## SIMPLE, PRACTICAL AND COMPETITIVE

- ⇒ All the functionalities needed for torsion bar press brakes
- ⇒ Cybelec auto-tuning: Easy to set up with dedicated wizards

## LIKE A BIG ONE

- ⇒ A flange length and an angle is all the operator needs to enter
- ⇒ Automated calculations for beam depth
- ⇒ Automatic bend allowance
- ⇒ Internal backup for fast and easy disaster recovery



# FACTS & MODELS



S-CBT-62PA12/BW

6" TOUCHSCREEN, CAN  
BE USED WITH GLOVES

MANAGEMENT OF UP  
TO 200 PROGRAMS

MANAGEMENT OF UP TO  
50 PUNCHES AND 50 DIES

WIRELESS COMMUNICATION  
FOR BACKUP AND RESTORE

S-CBT-62PA12/P



## CybTouch 6 P

Screen	5,7" color graphic CRT screen, 640 x 480 pixels
Work memory	SRAM
System memory	Min. 2 GB Micro SD Card
Communication	Cybelec RFlink (radio frequency link)
Axis	Management of AC/DC drives and motors, frequency converters for AC asynchronous motors, two-speeds mode, and more.
Units	inch/mm conversion.
Power supplies	<ul style="list-style-type: none"><li>Numerical control: stabilized + 24VDC 15W</li><li>Digital inputs/outputs: stabilized + 24VDC</li></ul>
Encoder inputs	2
Power supplies for encoders	5 VDC Supplied by CybTouch. Max. 250 mA for each encoder
Digital inputs	8 Optocoupled
Analog inputs	2 0-10 VDC
Digital outputs	12 24 VDC source mode, max. 0.7 A
Analog outputs	3 $\pm 10$ VDC
Available languages	Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Spanish, Polish, Portuguese, Portuguese (Brazil), Russian, Taiwanese, Turk

# CybTouch 8 W



CYBELEC

CybTouch 8

EasyCut

Steel



1.0 mm



0.00 mm



START

155211

# DEDICATED FOR SWING BEAM SHEARS, *CYBTOUCH 8 W* IS A COMPETITIVE ENTRY RANGE MODEL

## INTERFACE

- Excellent readability, with only the information needed
- Very intuitive, requires almost no training
- Interactive messages guide the operator
- EasyCut or programmed sequence of cuts

## POWERFUL

- Blade gap management
- Sheet support control with 2 or 3 positions
- Automatic cycles
- Features include Return To Sender, hold-downs

# FACTS & MODELS



S-CBT-81WA12/BW

8" TOUCHSCREEN, CAN BE USED WITH GLOVES

CONTROLS ONE AXIS

MANAGEMENT OF UP TO 200 PROGRAMS

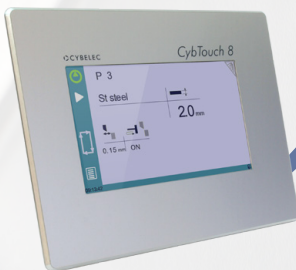
S-CBT-81WA12/P

UP TO 10 TYPES OF MATERIALS PROGRAMMABLE



S-CBT-81WA12/S

WIRELESS COMMUNICATION FOR BACKUP AND RESTORE



## *CybTouch 8 W*

Screen	7" color graphic CRT screen, 800 x 480 pixels
Work memory	SRAM
System memory	Min. 2 GB Micro SD Card
Communication	Cybelec RFlink (radio frequency link)
Axis	Management of AC/DC drives and motors, frequency converters for AC asynchronous motors, two-speeds mode, and more.
Units	inch/mm conversion
Power supplies	<ul style="list-style-type: none"><li>Numerical control: stabilized + 24VDC 6W</li><li>Digital inputs/outputs: stabilized + 24VDC</li></ul>
Encoder inputs	1
Power supplies for encoders	5 VDC Supplied by CybTouch. Max. 250 mA for each encoder
Digital inputs	8 Optocoupled
Analog inputs	1 0-10 VDC
Digital outputs	12 24 VDC source mode, max. 0.7 A
Analog outputs	1 $\pm 10$ VDC
Available languages	Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Spanish, Polish, Portuguese, Portuguese (Brazil), Russian, Taiwanese, Turk

# CybTouch 8 G



## **CYBTOUCH 8 G** OFFERS A COMPLETE RANGE OF MODERN FEATURES FOR RAKE ANGLE SHEARS

### **INTERFACE**

- Excellent readability, with only the information needed
- Very intuitive, requires almost no training
- Interactive messages guide the operator
- Cybelec auto-tuning: Easy to set up with dedicated wizards
- EasyCut or programmed sequence of cuts

### **POWERFUL**

- Blade gap management
- Several type of angle control
- Sheet support control with 2 or 3 positions
- Automatic cycles
- Features include Return To Sender, Anti-twist, hold-downs



# FACTS & MODELS



S-CBT-81GA12/BW

8" TOUCHSCREEN, CAN BE USED WITH GLOVES

MANAGEMENT OF UP TO 200 PROGRAMS

UP TO 10 TYPES OF MATERIALS PROGRAMMABLE



S-CBT-81GA12/P

WIRELESS COMMUNICATION FOR BACKUP AND RESTORE



S-CBT-81GA12/S

## CybTouch 8 G

Screen	7" color graphic CRT screen, 800 x 480 pixels
Work memory	SRAM
System memory	Min. 2 GB Micro SD Card
Communication	Cybelec RFlink (radio frequency link)
Axis	Management of AC/DC drives and motors, frequency converters for AC asynchronous motors, two-speeds mode, and more.
Units	inch/mm conversion
Power supplies	<ul style="list-style-type: none"><li>Numerical control: stabilized + 24VDC 6W</li><li>Digital inputs/outputs: stabilized + 24VDC</li></ul>
Encoder inputs	2
Power supplies for encoders	5 VDC Supplied by CybTouch. Max. 250 mA for each encoder
Digital inputs	8 Optocoupled
Analog inputs	2 0-10 VDC
Digital outputs	12 24 VDC source mode, max. 0.7 A
Analog outputs	3 $\pm 10$ VDC
Available languages	Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Spanish, Polish, Portuguese, Portuguese (Brazil), Russian, Taiwanese, Turk

# CybTouch 8 PS



**DEDICATED TO ENTRY RANGE SYNCHRONIZED PRESS  
BRAKES, *CYBTOUCH 8 PS* CAN MANAGE 3 OR 4 AXES**

## **INTERFACE**

- Excellent readability
- Very intuitive, requires almost no training
- Interactive messages guide the operator

## **FLEXIBLE**

- Can control other types of press brakes
- Cybelec auto-tuning: Easy to set up with dedicated wizards

## **POWERFUL OPTIONS**

- PC ModEva offline compatibility
- TouchProfile, creating a part in 3 clicks
- A fourth axis, allowing the backgauge to move vertically (R)

# FACTS & MODELS



S-CBT-83PSA12/BW

8" TOUCHSCREEN, CAN BE USED WITH GLOVES

MANAGEMENT OF UP TO 300 PROGRAMS

MANAGEMENT OF 100 PUNCHES AND 100 DIES

LOGFILES FOR DIAGNOSTICS

WIRELESS COMMUNICATION FOR BACKUP AND RESTORE

S-CBT-83PSA12/P



## *CybTouch 8 PS*

Screen	7" color graphic CRT screen, 800 x 480 pixels
Work memory	SRAM /SDRAM
System memory	Min. 2 GB Micro SD Card
Communication	Cybelec RFLink (radio frequency link) USB port (for memory stick only) RS232 port (communication with safety PLC)
X Axis R Axis (optional)	Management of AC/DC drives and motors, frequency converters for AC asynchronous motors, two-speeds mode, and more.
Units	inch/mm conversion
Power supplies	<ul style="list-style-type: none"><li>Numerical control: stabilized + 24VDC 30W</li><li>Digital inputs/outputs: stabilized + 24VDC</li></ul>
Encoder inputs	3 (+ 1)
Power supplies for encoders	5 VDC Supplied by CybTouch. Max. 250 mA for each encoder
Digital inputs	8 Optocoupled
Analog inputs	2 0-10 VDC
Digital outputs	13 12 x 24 VDC source mode, max. 0.5 A 1 x 24 VDC auxiliary output, max. 0.5 A
Analog outputs	6
Available languages	Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Spanish, Polish, Portuguese, Portuguese (Brazil), Russian, Taiwanese, Turk

# CybTouch 12 PS



# OFFERING 2D PROGRAMMING, *CYBTOUCH 12 PS* IS DESIGNED TO CONTROL STANDARD 4 AXES SYNCHRONIZED PRESS BRAKES

## INTERFACE

- ➔ Excellent readability
- ➔ Very intuitive, requires almost no training
- ➔ Interactive messages guide the operator
- ➔ TouchProfile, creating a part in 3 clicks

## SIMPLE

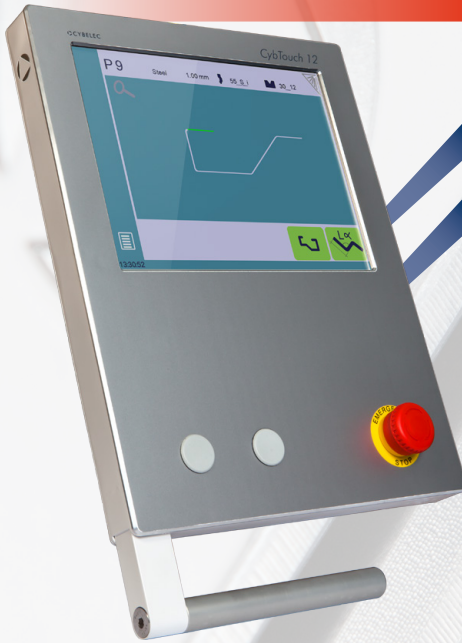
- ➔ Easy manual and automatic bend sequencing
- ➔ Program can be used without being saved
- ➔ Cybelelec auto-tuning: Easy to set up with dedicated wizards

## STRONG FEATURES

- ➔ Backgauge controlled longitudinally (X) and vertically (R)
- ➔ Logfiles for diagnostics
- ➔ Wireless communication for backup and restore
- ➔ PC ModEva offline compatibility



# FACTS & MODELS



S-CBT-124PSA20/BW

S-CBT-124PSA12/BW

12" TOUCHSCREEN, CAN  
BE USED WITH GLOVES

MANAGEMENT OF UP  
TO 300 PROGRAMS

MANAGEMENT OF 100  
PUNCHES AND 100 DIES

S-CBT-124PSA20/P

S-CBT-124PSA12/P



**CybTouch 12 PS 20****CybTouch 12 PS 12**

Screen	12" color graphic TFT screen, 800 x 600 pixels	
Work memory	SRAM /SDRAM	
System memory	Min. 2 GB Micro SD Card	
Communication	Cybelec RFlink (radio frequency link) USB port (for memory stick only) RS232 port (communication with safety PLC)	
X – R Axes	Management of AC/DC drives and motors, frequency converters for AC asynchronous motors, two-speeds mode, and more.	
Units	inch/mm conversion.	
Power supplies	<ul style="list-style-type: none"> <li>Numerical control: stabilized + 24VDC 30W</li> <li>Digital inputs/outputs: stabilized + 24VDC</li> </ul>	
Encoder inputs	4	3 (+ 1)
Power supplies for encoders	5 VDC Supplied by CybTouch. Max. 250 mA for each encoder.	
Digital inputs	16 Optocoupled	8 Optocoupled
Analog inputs	4 0-10 VDC	2 0-10 VDC
Digital outputs	21 12 x 24 VDC (max. 0.5 A) 8 x 24 VDC (max. 0.7 A) 1 x 24 VDC aux. out.	13 12 x 24 VDC (max. 0.5 A) 1 x 24 VDC aux. out.
Analog outputs	6	
Available languages	Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Spanish, Polish, Portuguese, Portuguese (Brazil), Russian, Taiwanese, Turk	

# ModEva Pac



# THE ALL-IN-ONE SOLUTION FOR MIDDLE RANGE SYNCHRONIZED PRESS BRAKES, *ModEva Pac* CAN MANAGE UP TO 7 AXES

## ALL-IN-ONE

- Multiple bending solution with collision detection.
- Rapid modifications of existing parts
- Networkable (for plant work management, backups and more)
- Remote control

## USER FRIENDLY

- 2D hand drawing part creation
- Intuitive and interactive programming
- Single page programming

## RETROFITTING

- Fully compatible with Cybelec's DNC 880S, DNC 880 and DNC 80

# FACTS & MODELS



S-MOD-PAC4PS/BW (4 axes)

S-MOD-PAC7PS/BW (7 axes)

TOUCH SCREEN  
AND KEYBOARD

INFINITE NUMBER OF  
PUNCHES, DIES & PROGRAMS

MANY OPTIONS – TANDEM OPERATION,  
ANGLE PROTRACTOR, IN-LINE PRODUCTION  
INTERFACE (ROBOTS, AUTOMATION)

PC BASED WITH  
WINDOWS 7

15" TOUCHSCREEN, CAN  
BE USED WITH GLOVES

S-MOD-PAC4PS/P (4 axes)

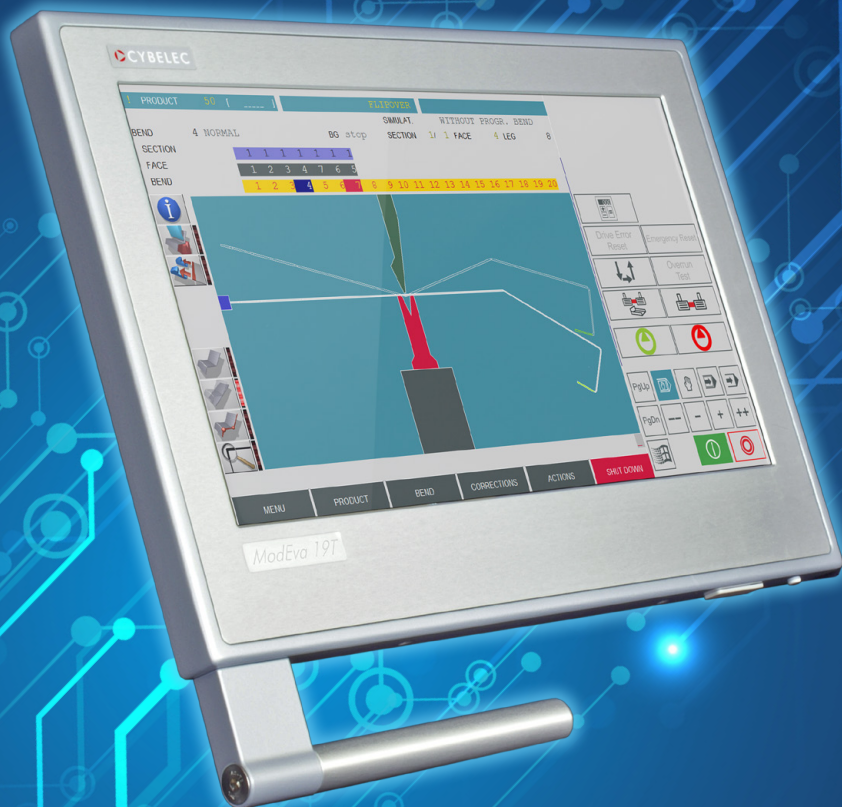
S-MOD-PAC7PS/P (7 axes)



## ModEva Pac

Keyboard	Large keys, easy to use with working gloves
Screen	15 inch color Touch Screen, 1024 x 768
System	Windows® 7 Embedded
CPU	AMD Fusion T40R – 1GHz
RAM	4 GB
Mass memory	16 GB flash
Communication	<ul style="list-style-type: none"><li>• 3 USB 1.1 (2x external, 1x internal)</li><li>• 1 parallel (printer)</li><li>• 1 RS232</li><li>• 1 RJ45 Ethernet</li><li>• 1 VGA</li></ul>
Axes	High counting speed axes (250 KHz), with PID regulator and programmable resolution
Power supplies	<ul style="list-style-type: none"><li>• Numerical control: + 24 VDC <math>\pm 10\%</math>, 2A (~50W)</li><li>• Digital inputs/outputs: + 24 VDC <math>\pm 10\%</math></li></ul>
Incremental encoder inputs	5 VDC line drivers
Digital inputs	16 Optocoupled 24 VDC stabilized $\pm 10\%$
Analog inputs	8 0-10 VDC
Digital outputs	16 Optocoupled 24 VDC, max. 0.3 A / output
Voltage outputs	4 or 7 $\pm 10$ VDC output impedance $Z_{out} = 100 \Omega$ Load $Z_i \geq 10 \text{ k}\Omega$
Analog voltage outputs	2 0-10 VDC output impedance $Z_{out} = 100 \Omega$ Load $Z_i \geq 10 \text{ k}\Omega$
Available languages	Chinese, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Korean, Polish, Portuguese, Russian, Spanish, Slovene, Swedish, Taiwanese, Turkish.

# ModEva 19T



DESIGNED TO CONTROL MIDDLE RANGE TO  
SOPHISTICATED SYNCHRONIZED PRESS BRAKES,  
*MODEVA 19T* CAN CONTROL UP TO 18 AXES

## 19" TOUCHSCREEN

- ⇒ 3D capacities for parts management, from creation to bending
- ⇒ Alphanumeric keyboard
- ⇒ Customizable push buttons area on the screen
- ⇒ Single page programming

## POWERFUL

- ⇒ Extensive list of functionalities and options to fit all types of machines
- ⇒ Multiple bending solution with collision detection
- ⇒ Visualization of the parts in 3D (pics)
- ⇒ Networkable (for plant work management, backups and more)
- ⇒ Rapid modifications of existing parts
- ⇒ Remote control

## FOR THE MOST COMPLEX FEATURES

- ⇒ All existing axes for back gauge movements
- ⇒ M axes for movements of the die



# FACTS & MODELS



S-MOD-19T

19" TOUCHSCREEN, CAN BE USED WITH GLOVES

CUSTOMIZABLE PUSH BUTTONS AREA ON THE SCREEN

MANY OPTIONS – CAD INTERFACE (WITH CYCAD), IMPORT DXF FLAT PATTERN, INTERFACES WITH MANY CAD/CAM SOFTWARES, ANGLE PROTRACTOR, ANGLE AND THICKNESS MEASUREMENTS, BENDING AIDS

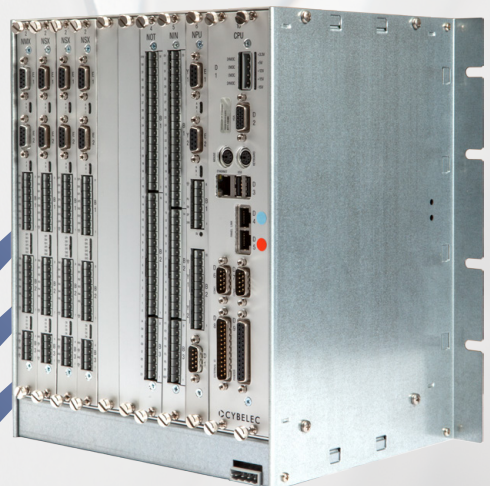
INFINITE NUMBER OF PUNCHES, DIES & PROGRAMS

PC BASED WITH WINDOWS 7

S-CNC-C (Compact rack up to 6 axes)

S-CNC-M (Maxi rack up to 14 axes)

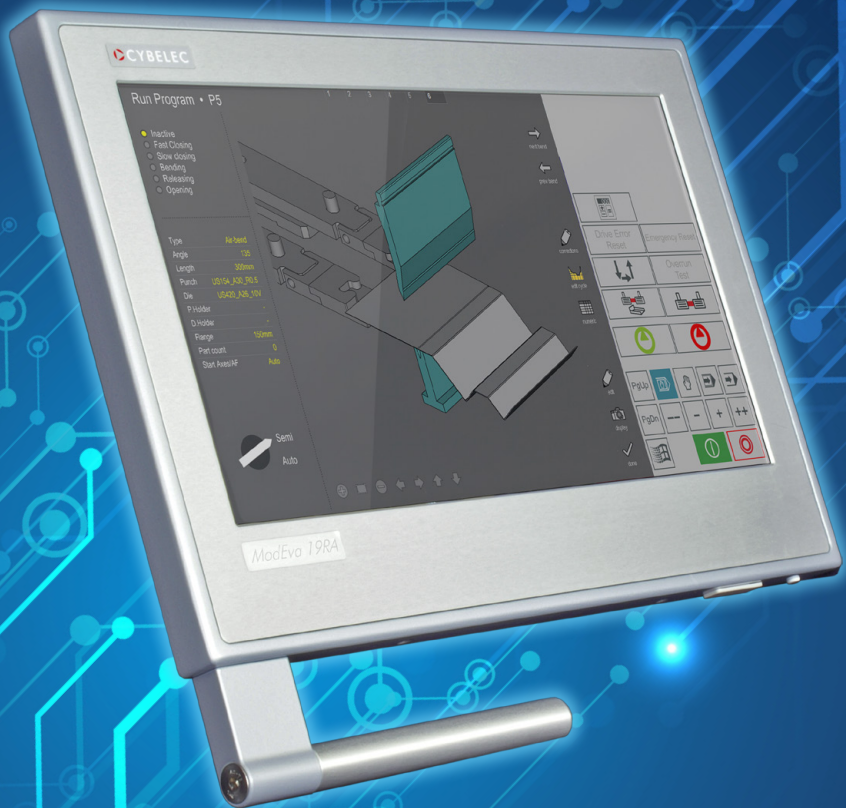
S-CNC-L (Large rack for 15 axes and more)



## *ModEva 19T*

Screen	18,5" TFT color Touch Screen, 1366 x 768
System	Windows® 7 Embedded
CPU	AMD Fusion T40R – 1GHz
RAM	4 GB
Disk	16 GB flash
Communication	<ul style="list-style-type: none"><li>• 2 RS232 – 1 configurable</li><li>• 2 PS/2 for mouse or keyboard input</li><li>• 1 RJ45 Ethernet for network</li><li>• 1 parallel port (printer)</li><li>• 1 STD VGA Screen output</li></ul>
Axes	Up to 18 analog axes, 2 per board (NMX, NSX) CAN axes on NCX boards, depending on configuration
Power supply	24 VDC / max 4A ± 15%.
Incremental encoders	5 VDC line drivers
Digital inputs	32 on NIN boards
Digital outputs	32 on NOT boards
Analog inputs	6 on NIN boards
Analog outputs	4 on NOT boards
Available languages	Chinese, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Korean, Polish, Portuguese, Russian, Spanish, Slovene, Swedish, Taiwanese, Turkish.

# ModEva 19RA



CYBELEC'S ULTIMATE NC, *MODEVA 19RA* CAN TACKLE ANY TASK FROM THE MOST SOPHISTICATED SYNCHRONIZED PRESS BRAKES WITH ITS ADVANCED 3D SOFTWARE

## POWERFUL

- ➔ Can process the most complex parts coming from CAD/CAM softwares
- ➔ Automatic bending, tooling and gauging solutions on a 3D model
- ➔ 3D animated simulation
- ➔ 3D model collision detection
- ➔ Export DXF flat pattern

## ADVANCED FEATURES

HANDLES THE MOST SOPHISTICATED PRESSES

- ➔ 3D profil programming
- ➔ Import DXF flat pattern
- ➔ Import 3D format like IGES, STEP and Solid worksR
- ➔ Full manufacturers' tools catalogues

# FACTS & MODELS



S-MOD-19RA

INFINITE NUMBER OF  
PUNCHES, DIES & PROGRAMS

CUSTOMIZABLE PUSH BUTTONS  
AREA ON THE SCREEN

MANY OPTIONS – CAD INTERFACE (WITH CYCAD),  
IMPORT DXF FLAT PATTERN, INTERFACES WITH MANY  
CAD/CAM SOFTWARES, ANGLE PROTRACTOR, ANGLE  
AND THICKNESS MEASUREMENTS, BENDING AIDS

19" TOUCHSCREEN, CAN  
BE USED WITH GLOVES

PC BASED WITH  
WINDOWS 7

S-CNC-C (Compact rack up to 6 axes)

S-CNC-M (Maxi rack up to 14 axes)

S-CNC-L (Large rack for 15 axes and more)



## *ModEva 19RA*

Screen	18,5" TFT color Touch Screen, 1366 x 768
System	Windows® 7 Embedded
CPU	AMD Fusion T40R – 1GHz
RAM	4 GB
Disk	16 GB flash
Communication	<ul style="list-style-type: none"><li>• 2 RS232 – 1 configurable</li><li>• 2 PS/2 for mouse or keyboard input</li><li>• 1 RJ45 Ethernet for network</li><li>• 1 parallel port (printer)</li><li>• 1 STD VGA Screen output</li></ul>
Axes	Up to 18 analog axes, 2 per board (NMX, NSX) CAN axes on NCX boards, depending on configuration
Power supply	24 VDC / max 4A ± 15%.
Incremental encoders	5 VDC line drivers
Digital inputs	32 on NIN boards
Digital outputs	32 on NOT boards
Analog inputs	6 on NIN boards
Analog outputs	4 on NOT boards
Available languages	Chinese, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Korean, Polish, Portuguese, Russian, Spanish, Slovene, Swedish, Taiwanese, Turkish.

# CNC SOLUTIONS BASED ON *CybCNC 3*



# HIGH PERFORMANCE CNC SYSTEMS CUSTOMIZED FOR MACHINE CONFIGURATION

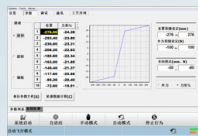
## HIGH PRECISION MACHINING CENTER



## COMPACT MILLING MACHINE



## FLIGHT SIMULATOR LOADING CONTROL







S-CNC-34FW

OPEN AND  
MODULAR

CANOPEN (2X) & ETHERCAT (1X)  
FIELD BUS INTERFACES

More info → [info@infranor.com](mailto:info@infranor.com)



HIGH PRECISION  
ALGORITHMS

HMI CUSTOMIZABLE TO ANY SPECIFIC  
NEEDS OF EACH APPLICATION

More info → [info@infranor.com](mailto:info@infranor.com)



## CybCNC3

Processor Unit	Model : AMD G-Fusion T40E Dual core @1.0 GHz Graphic : ATI Radeon HD series built-in RAM : 4G bytes DDR3 RAM Cooling : Passive Heat sink, FAN less
Mass Storage	32GB CFAST memory card
Display Interface	DVI Up to 1920x1200, single-link DVI-D interface
Comm Ports	LAN 1 Gigabit Ethernet, RJ-45 (10/100/1000) USB 4 USB 2.0 port
I/O Processor	ARM Cortex M3 series
Power Supply	Logic : +24V <sub>DC</sub> @0.4A I/O : +24V <sub>DC</sub> @ 20A max
Digital Input	32
Digital Output	16
Analog Input	4
Analog Output	6
Encoder Interface	4
Serial Communication	Number : 1x RS-232C/RS-485, D-sub 9-pin male Data flow: 115kbps
Fieldbus Interface	2 CAN (1Mbps) & 1 EtherCAT (100Mbps)



 **CYBELEC**  
**IN A NUTSHELL**

# WORLDWIDE DISTRIBUTORS

## UNITED STATES

CONTROL WORKS, INC

2701 Dukane Drive Suite B  
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SOLUTION

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- ➔ **Pasatech (France) Sarl** — *Leuvelles sur Orges*  
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- ➔ **Sagita Services** — *Tagolsheim*  
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### GERMANY

- ➔ **Coma** — *Aachen*  
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info@coma-cnc.de
- ➔ **Cyb-tech GmbH** — *Limbach*  
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### HUNGARY

- ➔ **Al-Bohacen Ltd.** — *Budapest*  
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- ➔ **MGP** — *Robecco sul Naviglio (MI)*  
☎ : + 39 02 94085436  
info@mgpautomazione.it
- ➔ **Tecman Technology** — *Breda di Piave (TV)*  
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### NETHERLANDS

- ➔ **D-Design** — *Aalten*  
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### NORWAY

- ➔ **Sertech APS**  
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- ➔ **HIZMET Serwis Obrabiarek** — *Starachowice*  
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### RUSSIA

- ➔ **LLC StankoPromService** — *Kaluga*  
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### SPAIN

- ➔ **CYBELEC - Infranor Spain S.L.U.** — *Badalona*  
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## SWEDEN

- ➔ **Trekomp Maskinservice AB.** — *Gräna*  
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- ➔ **MPS Ltd** — *Northamptonshire NN6 ONF*  
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- ➔ **CNC Automation Solution** — *Gurgaon (Haryana)*  
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- ➔ **Chaho Service** — *Singapore*  
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### THAILAND & VIETNAM

- ➔ **VP Robotics Limited Partnership** — *Bangkok*  
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### TURKEY

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- ➔ **Santschi Maschinenservice** — *Schaanwald Lichtenstein*  
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- ➔ **Wysshaar GmbH** — *Bargen BE*  
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## AMERICAS

### BRAZIL

- ➔ **Zucotec** — *São Paulo*  
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### CANADA

- ➔ **Hansen Technical Service Inc.** — *Burlington, Ontario*  
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### UNITED STATES

- ➔ **Control Works, Inc** — *Saint Charles, IL*  
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## OCEANIA

### AUSTRALIA

- ➔ **Amtronics (Australia) Pty Ltd** — *Brookvale NSW*  
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### NEW ZEALAND

- ➔ **Amtronics NZ Ltd** — *Auckland*  
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E-mail: brad@amtronics.co.nz

- ➔ **Verissimo Engineering Ltd.** — *Takanini*  
☎ : + 64 9 640 00 70  
philipv@verissimo.co.nz

## OUR OFFER

### *A WIDE RANGE OF SOLUTIONS*

With our wide range of products and functionalities, we offer a solution tailored to your needs, whatever the type of press brake and shear.

### *DELIVERIES ON TIME*

We deliver any new order within 3 to 4 weeks.

On request, we can deliver in a matter of 5 working days or less.

### *WORLDWIDE, BUT LOCAL*

Our worldwide network of partners and distributors offers local service, training, parts inventory and retrofitting services.

Numerical controls' interfaces and user manuals are available in more than 20 languages.

## CUSTOMER SERVICE AND TRAINING

Cybelec offers a responsive and efficient customer service, whether it is for repairs, machine exchanges or spare parts and accessories deliveries.

### *WARRANTY*

All our machines are guaranteed for 24 months from the delivery date.

In case of default, a Return Material Authorization procedure is opened and new parts can be shipped within 48 hours.

### *SERVICE*

Technical support by phone, emails.

Remote assistance and telemaintenance.

Catalogue of spare parts, which are delivered within 48 hours.

Repairs service within 2 weeks.

### *TRAINING SESSIONS*

These sessions can be dedicated to the staff of a particular customer, or be focused on specific products. In the former, we train the staff on the products being used in their company. In the latter, we work with different users of the same product.



[www.cybelec.ch](http://www.cybelec.ch)