



TRIVENETA SISTEMI

CATALOG



Administrative Headquarter: Via Scopella, 22 - 37060 Castel d'Azzano VR – Italy

Operative Headquarter: Via Bovolino, 18/B - 37060 Buttapietra VR - Italy

Phone: +39 045 518 747 - Fax +39 045 854 56 05 - Web Site: www.trivenetaimpianti.com - E-mail: sales@trivenetaimpianti.com



Triveneta Impianti Srl

PRESENTATION

Triveneta Impianti Srl is an Italian company that for 26 years has been **promoting and innovating the field of retrofitting**, developing both standard and tailor-made kits for press brakes and shears.

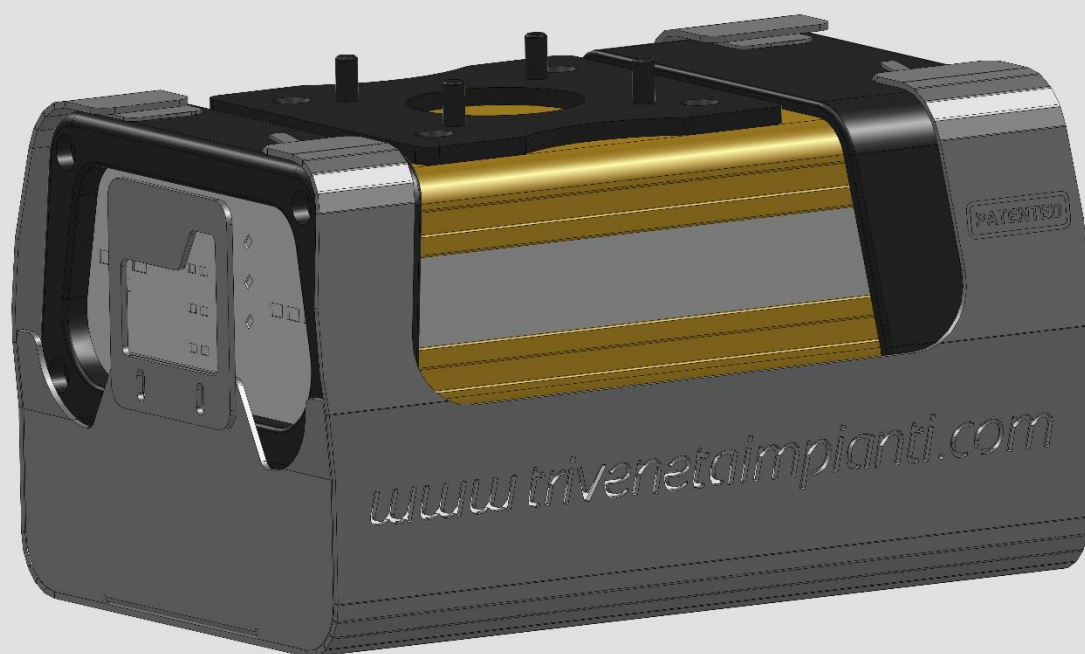
Over the decades it has established itself in the world of retrofitting and safety in many countries, creating increasingly advanced kits to **adapt machine tools to current regulations**.

In addition, several "accessories" have been designed to **improve, even in an important way, the quality and speed of work**.

Triveneta Impianti Srl produces among the best products in the sector in a wide range and variety, whose original design and extremely robust and quality structure make them **suitable for every type of use and for every machine model**.



TRIVENETA SISTEMI



SAFETY

Maximize the safety
of your press brakes



Kit Base - DSP AP

COD. 002

DSP AP LASER TX + RX



DSP AP emits a **visible laser barrier** which, made and placed as described in the EN12622 standard, **protects the press brake operator** against the risk of being crushed between the upper and lower part during the closing of the fold at high speed.

MCS is an electronic module whose logic has been planned to **monitor and manage the systems and components present on a press brake** to ensure the safety of the bending process itself according to the EN12622 standard.



PLC MCS

Kit Base - DSP Standard

COD. 001

DSP LASER TX + RX



DSP emits a **visible laser barrier** which, made and placed as described in the EN12622 standard, **protects the press brake operator** against the risk of being crushed between the upper and lower part during the closing of the fold in high speed.

Module AL2 is an electronic module whose logic has been planned to **monitor and manage the systems and components present on a press brake** to ensure the safety of the bending process itself according to the EN12622 standard.



MODULE AL2

DSP AP Starter Kit

COD. 002 SK

The Starter Kit of installation DSP AP consists of the products listed below

DSP AP LASER TX + RX



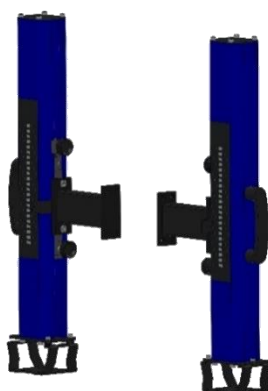
DSP AP emits a **visible laser barrier** which, made and placed as described in the EN12622 standard, **protects the press brake operator** against the risk of being crushed between the upper and lower part during the closing of the fold at high speed.

PLC MCS



MCS is an electronic module whose logic has been planned to **monitor and manage the systems and components present on a press brake** to ensure the safety of the bending process itself according to the EN12622 standard.

SMART BRACKETS



Smart Brackets are specifically **designed to handle the DSP AP laser** of a press brake according to EN12622.

Run 400 mm

DSP Standard Starter Kit

COD. 001 SK

The Starter Kit of installation DSP consists of the products listed below

DSP LASER TX + RX



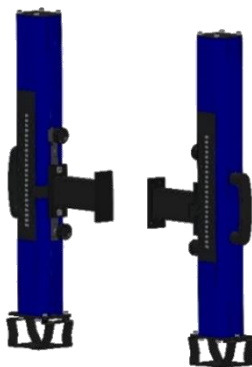
DSP emits a **visible laser barrier** which, made and placed as described in the EN12622 standard, **protects the press brake operator** against the risk of being crushed between the upper and lower part during the closing of the fold at high speed.

MODULE AL2



Module AL2 is an electronic module whose logic has been planned to **monitor and manage the systems and components present on a press brake** to ensure the safety of the bending process itself according to the EN12622 standard.

SMART BRACKETS



Smart Brackets are specifically **designed to handle the DSP laser** of a press brake according to EN12622.

Run 400 mm

KIT STOPPING DISTANCE



The Kit Stopping Space is complete with inductive sensors diameter 8 and relative cam for stopping distance.

Sostitution Kit

COD. 030

Is your old device DFS LASER BEAM broken?
Do you have to cope with production costs?

Switch to the new device DSP LASER!

Nuova Elettronica has successfully proposed it since 2009 and you will not have any of these problems.

Do you wonder how?

Triveneta Impianti, official partner of Nuova Elettronica, has studied
a unique application system:

- Simple and reliable
- No invasive
- Certificate
- Which minimizes application times



Composed of accessories
that will make you switch
to the **new generation** of
the DSP LASER

Sostitution Kit

COD. 030

DSP LASER Kit is composed by:

→ DSP LASER

BEFORE



AFTER



→ Adaption terminal block NAD 12 in AL2



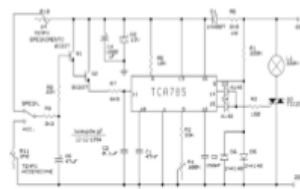
→ Bracket adapter Light DFS LASER BEAM in DSP LASER



→ Multi-polar cable to be replaced in the receiver



→ Electrical schemes to apply the system



Assistence Kit

COD. 030 S

Each Triveneta Impianti kit is simple to install and use, however, it is also possible to request an intervention (either directly from your company or telephone) **to receive our professional, highly specialized, certified and guaranteed assistance.**

- Assembly
- Test
- Calibration
of the purchased system
carried out by expert personnel

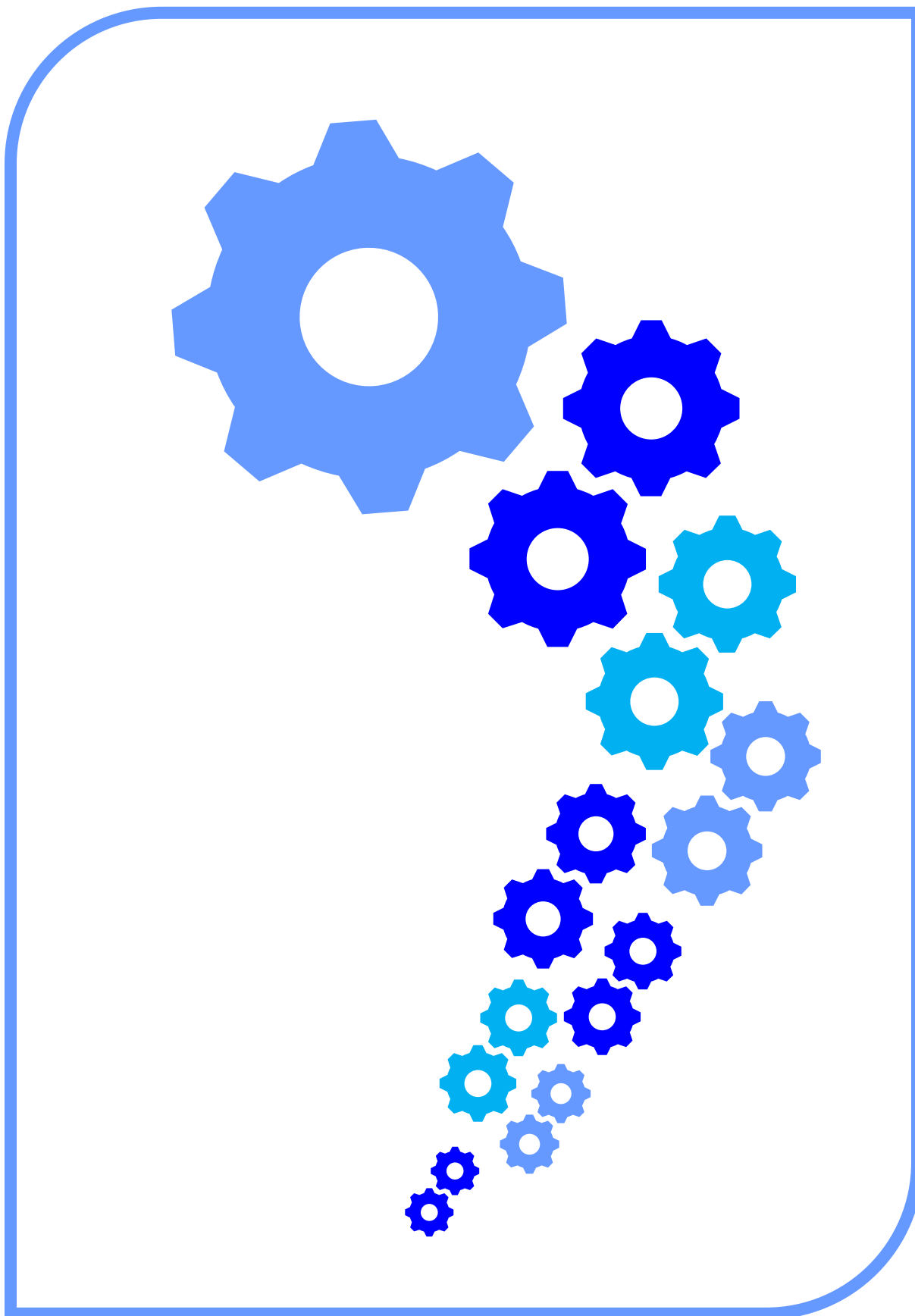


- Release of the declaration of conformity
for the service performed
with machine documents



- "Training" for use and maintenance
of the system purchased





Kit Fast Bend Synchro

COD. 012.002

Safety Kit for Synchronized Press Brakes

Do not throw anything away: just add an upgrade!

You do not have to replace a machine that works well,
directly at your company, our team will **maximize the safety** of your press brake
adapting it to current legislation **in less than a week**.



Kit Fast Bend Synchro
meets the **most updated**
version of the EU
regulations specific for
press brakes, EN 12622



Multi Beam Laser
System **avoid accidents**
without reducing
working speed



Our interventions



1. Safety Device Multi Beam Laser System DSP AP
2. Support Brackets for DSP AP
3. PLC MCS to command and control DSP AP
4. External Pedal Unit with emergency control



Kit Fast Bend Synchro is **certified** Triveneta Impianti Srl can give you
quality assurance about:

- **its work**, thanks to our competent and qualified staff
- **its products**, because of our continuous search of the best



Kit Fast Bend Synchro

COD. 012.002

Safety Kit for Synchronized Press Brakes

1.



1. Safety Device Multi Beam Laser System DSP AP Nuova Elettronica
2. Support Brackets available in different versions
3. Safety PLC MCS Nuova Elettronica
4. External Pedal Unit with:
 - emergency control
 - option one or two operators
 - double safety pedal on unit 1 and 2

2.



4.



Kit Fast Bend Synchro is a kit for retrofitting that upgrades your press brake **without reducing its original performance.**

3.



The Kit upgrades **only the safety** of your press brake, but it covers all the aspect: mechanical and electronic.

A certified retrofitting is the best solution if you want safety and performance, but with a significant cost savings compared to buying a new press brake.

Kit Standard Bend Synchro

COD. 012.001

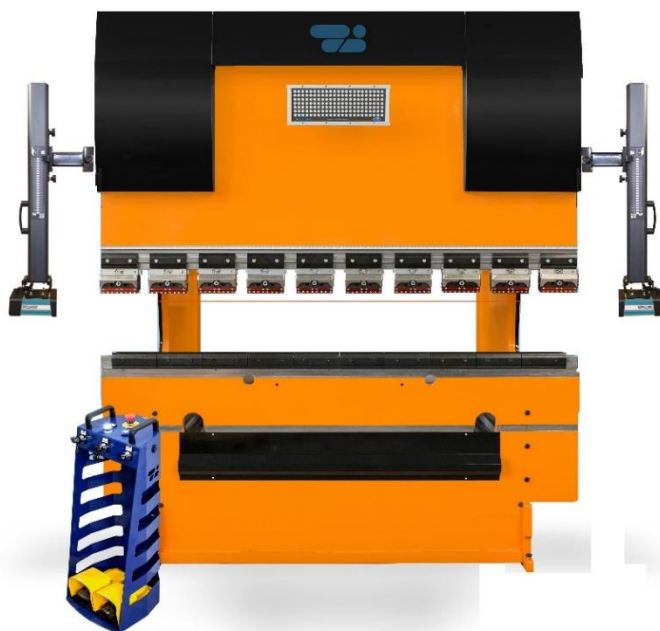
Safety Kit for Synchronized Press Brakes

Do not throw anything away: just add an upgrade!

You do not have to replace a machine that works well,
directly at your company, our team will **maximize the safety** of your press brake
adapting it to current legislation **in less than a week**.



Kit Standard Bend Synchro
meets the **most updated**
version of the EU regulations
specific for press brakes,
EN 12622



Multi Beam Laser
System **avoid accidents**
without reducing
working speed



Our interventions



1. Safety Device Multi Beam Laser System DSP Standard
2. Support Brackets for DSP Standard
3. PLC AL2 to command DSP Standard
4. Safety PLC to control the third pedal's position
5. Kit to control the space to stop
6. External Pedal Unit with emergency control



Kit Standard Bend Synchro **is certified** Triveneta Impianti Srl can give you
quality assurance about:

- **its work**, thanks to our competent and qualified staff
- **its products**, because of our continuous search of the best



Kit Standard Bend Synchro

COD. 012.001

Safety Kit for Synchronized Press Brakes

1.



1. Safety Device Multi Beam Laser System DSP Standard Nuova Elettronica
2. Support Brackets available in different versions
3. Safety PLC AL2 Nuova Elettronica
4. Safety PLC to control the third pedal's position
5. Kit to control the space to stop
6. External Pedal Unit with:
 - emergency control
 - option one or two operators
 - double safety pedal on unit 1 and 2

2.



6.



Kit Standard Bend Synchro
is a kit for retrofitting that upgrades your press brake
without reducing its original performance.

The Kit upgrades **only the safety** of your press brake,
but it covers all the aspect:
mechanical and electronic.

4.



5.



3.



**A certified retrofitting is the best solution if you want safety and performance,
but with a significant cost savings compared to buying a new press brake.**

Kit Fast Bend Torsion Bar

COD. 011

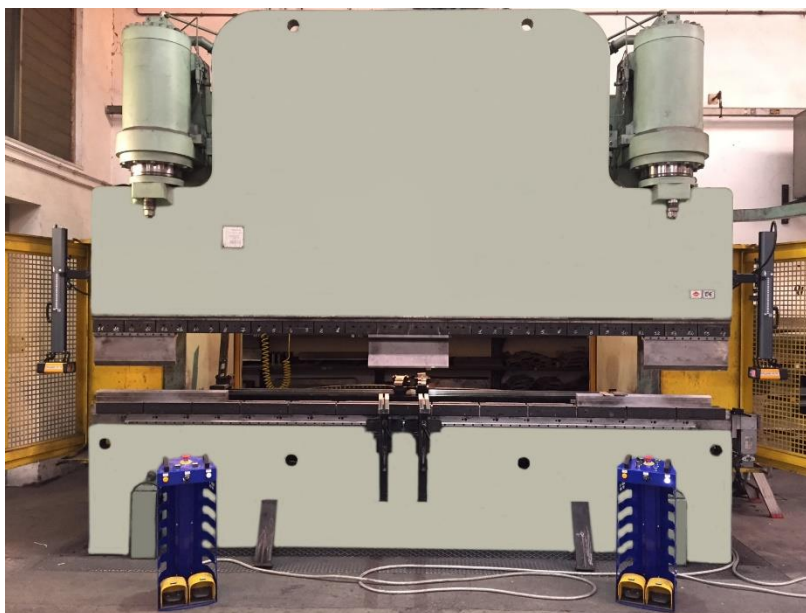
Safety Kit for Torsion Bar Press Brake

Do not throw anything away: just add an upgrade!

You do not have to replace a machine that works well,
directly at your company, our team will **maximize the safety** of your press brake
adapting it to current legislation **in less than a week**.

EN
12622

Kit Fast Bend Torsion Bar
meets the **most updated**
version of the EU
regulations specific for
press brakes, EN 12622



Multi Beam Laser
System **avoid accidents**
without reducing
working speed

Our interventions

1. Safety Device Multi Beam Laser System DSP AP
2. Support Brackets for DSP AP
3. External Pedal Unit with emergency control
4. PLC MCS to command and control DSP AP
5. Redundant safety management of speed and slowdown
6. Magnetic speed control line



Kit Fast Bend Torsion Bar **is certified** Triveneta Impianti Srl can give you
quality assurance about:

- **its work**, thanks to our competent and qualified staff
- **its products**, because of our continuous search of the best



Kit Fast Bend Torsion Bar

COD. 011

Safety Kit for Torsion Bar Press Brake

1.



2.



3.



1. Safety Device Multi Beam Laser System DSP AP Nuova Elettronica
2. Support Brackets available in different versions
3. External Pedal Unit with:
 - emergency control
 - option one or two operators
 - double safety pedal on unit 1 and 2
4. Safety PLC MCS Nuova Elettronica
5. Redundant safety management of speed and slowdown (10 mm/sec)
6. Magnetic Linear Encoder (speed control line)

Kit Fast Bend Torsion Bar is a kit for retrofitting that upgrades your press brake **without reducing its original performance.**

The Kit upgrades **only the safety** of your press brake, but it covers all the aspect: mechanical, hydraulic and electronic.

5.



6.



4.



A certified retrofitting is the best solution if you want safety and performance, but with a significant cost savings compared to buying a new press brake.

Kit RGeneration RG

COD. 010

Safety Kit for RG Press Brake AMADA – PROMECAM – SCHIAVI

Do not throw anything away: just add an upgrade!

You do not have to replace a machine that works well,
directly at your company, our team will **maximize the safety** of your press brake
adapting it to current legislation **in less than a week.**

Kit RGeneration RG
meets the **most updated**
version of the EU
regulations specific for
press brakes, EN 12622



Kit RGeneration RG
is suitable for:

- RG25/12
- RG25/12A
- RG35/20
- RG35/25
- RG50/20
- RG50/25
- RG75/25
- RG75/30
- RG100
- RG104

Multi Beam Laser
System **avoid accidents**
without reducing
working speed



Our interventions

1. Multi Beam Laser System DSP AP
2. Support Brackets DSP AP
3. Integrated Emergency Panel
4. Magnetic speed control line
5. Electric control panel with PLC MCS
6. Redundant safety management
7. Limit stop unit to control the machine pedal
8. Wiring Kit (Cabling)



Kit RGeneration RG is **certified** Triveneta Impianti Srl can give you
quality assurance about:

- **its work**, thanks to our competent and qualified staff
- **its products**, because of our continuous search of the best



Kit RGeneration RG

COD. 010

Safety Kit for RG Press Brake AMADA – PROMECAM – SCHIAVI

1.



2.



3.

1. Safety Device Multi Beam Laser System DSP AP Nuova Elettronica
2. Support Brackets available in different versions
3. Emergency Panel integrated on the Support Brackets
4. Magnetic Linear Encoder (speed control line)
5. Safety PLC MCS Nuova Elettronica
6. Redundant safety management of speed and slowdown (10 mm/sec)
7. Limit stop unit to control the machine pedal
8. Wiring Kit (Cabling)

6.



Il Kit RGeneration RG

does not modify the original performance
your press brake

5.



8.



7.



4.



**A certified retrofitting is the best solution if you want safety and performance,
but with a significant cost savings compared to buying a new press brake.**

External Pedal Unit

COD. 006

Mobile control pedal for press brakes

Built in sturdy painted steel structure that wraps the housed equipment with a shaped shell **protecting them from possible crushing** due to accidental falls of workpieces, this pedal unit can be **easily integrated to all the press brakes**.



THE DESCENT PEDAL:

From the illustrations on the side it can be understood that the passage through pressure from the central working position to the stop position **occurs through a pressure** on the pedal equal to **no more than 350 newtons**.

The generated consent will have to block the press brake's downhill.



MAIN FEATURES

- Double pedal with maintained action (according with EN 292-1)
- Predisposition for the main control commands on a large panel made in the upper part
- With safety PLC that controls the third position of the pedal

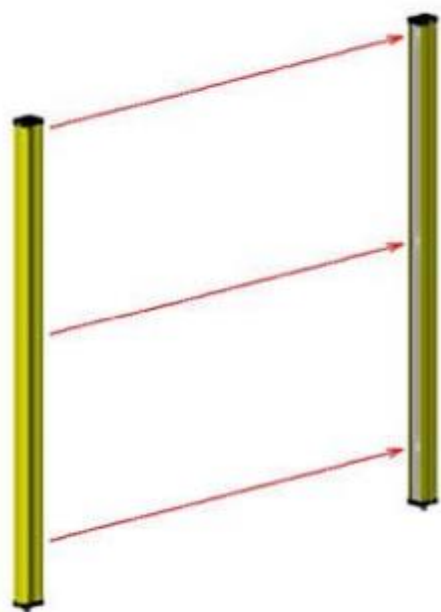


The pedal unit is supplied with a **power cable** covered with a heavy super flexible metal sheath, to facilitate re-positioning operations, complete with **socket and multipolar socket** to be applied to the electrical panel.

3-Ray Rear Protection

COD. 008 U

3-ray Rear Protection for press brakes and shears



BARRIER MODEL TAX 3B

- Projector + Receiver with 3 rays with center distance of 400mm
- Controlled height 810mm
- Maximum range 6/18 meters (selectable)
- 2 static PNP 500 mA safety outputs autocontrolled
- Feedback input for external contactors control
- Manual or automatic selectable restart

RELAY MODULE MODEL TAD SR0

- Module with relay with forcibly guided contacts for safety applications with barriers equipped with EDM feedback outputs 2 NO contacts + 1 NC

The 3-ray rear guard combines a barrier module, which allows you to control a **height of 810mm** and with a **range from 6m to 18m**, with a relay module with forcibly guided contacts.

Lateral Protections

COD. 007

Lateral Protections



PERFORMANCE

Optimize the processing methods,
eliminate waste of time



PRG 910A

COD. 019 A

Mono-axis programmable positioner

The PRG 910A positioner positions a motorized axis in **MANUAL** and **AUTOMATIC** mode. It is equipped with a counter that can be programmed when working in automatic mode whose function is to **count the number of repetitions** that have occurred.



TECHNICAL FEATURES:

- Power supply: 24 V c.a. +20 -10
- Power consumption: 8 VA
- Encoder power supply or optical line output: 12 V DC 100mA
- Frequency max. 10 KHz count with x4 encoder multiplication
- Relay outputs, axis command with interlocking of contacts between: INCREMENT / DECREMENT and between SLOW / FAST
- 6-day high brightness LED display + negative sign
- Waterproof and anti-abrasion polycarbonate keyboard
- Memory for machine constants and EEPROM totalizer
- Power / down supervisor circuit guaranteeing extremely high security in data backup
- Panel drilling dimensions for the 138x68 recess

FUNCTIONS

→ PRG 910/A is supplied with a **DEVIATION function**, that can increase the axis position of a value selected by the operator when the relevant input is being closed.

→ PRG 910/A is also supplied with the **TOTALIZER function**, which allows you to visualize the absolute number of times that the cycle increasing input is being closed.

→ PRG 910A has also a **MEMORY DESK**, where it is possible to write the necessary parameters, called "machine constants", for the correct running of the powered axis.

PRG 911

COD. 019 B

Mono-axis programmable positioner

The PRG 911 positioner can position a motorized axis in **MANUAL, SEMI-AUTOMATIC, AUTOMATIC and AUTOMATIC CONTINUOUS mode.**

The axes enabled with the appropriate keys are positioned manually or semi-automatically, while in automatic and continuous mode, by executing a previously memorized program.



TECHNICAL FEATURES:

- Power supply: 24 V c.a. +20 -10
- Power consumption: 8 VA
- Power output for encoder or optical line: 12 V DC 100mA
- Frequency max. 10 KHz counting with x4 encoder multiplication
- Relay outputs, axis command with interlocking of contacts between: INCREMENT / DECREMENT and between SLOW / FAST
- 6-day high brightness LED display + negative sign for
- the position, 2 decades for cycles, 2 decades for programs
- Memory for programs and machine constants on EEPROM
- Power / down supervisor circuit guaranteeing extremely high security in data backup
- Waterproof and anti-abrasion polycarbonate keyboard
- Panel drilling dimensions for the 138x68 recess

FUNCTIONS

→ PRG 911 has a memory capable of holding up to **99 programs**, from number 1 up to 99, and each program can include **up to 20 positions**, which may have **99 repetitions**.

→ PRG 911 is supplied with a **DEVIATION function**, that can be started with the suitable button and can increase the axis position of a value selected by the operator when the relevant input is being closed.

→ PRG 911 has also a **MEMORY DESK**, where it's possible to write the necessary parameters, called "machine constants", for the running of the powered axis.

PRG 920

COD. 019 C

Two parallel axis programmable positioner

The PRG 920 positioner can position two motorized axes in **MANUAL, SEMI-AUTOMATIC, AUTOMATIC and AUTOMATIC CONTINUOUS mode.**

The PRG 920 positions manually or semi-automatically the axes enabled with the appropriate keys, while in automatic and continuous mode, by executing a previously memorized program.

TECHNICAL FEATURES:



- Power supply: 24 V c.a. +20 -10
- Power consumption: 20 VA
- Power output for encoder or optical line: 12 V DC 100mA
- Frequency max. of the 10KHz count with x4 multiplication
- Control of the movement of the relay axes with interlocked contacts between: INCREMENT / DECREMENT and between SLOW / FAST
- 5-day high-brightness LED display + negative sign for each axis
- 2-year high brightness LED display for the program number
- 2-day high brightness LED display for the cycle number
- Waterproof and anti-abrasion polycarbonate keyboard
- Memory for "machine constants" and EEPROM programs
- "Intelligent" axes completely independent
- Power / down supervisor circuit guaranteeing extremely high security in data backup
- Drilling dimensions of the panel for the 186x92 recess

FUNCTIONS

→ PRG 920 has a memory capable of holding up to **99 programs**, from number 1 up to 99, and each program can include **up to 20 positions each axis**, and these positions may have **99 repetitions**.

→ PRG 920 is supplied with a **DEVIATION function**, that can be started with the suitable button and can increase the axis position of a value selected by the operator when the relevant input is being closed.

→ PRG 920 has also a **MEMORY DESK**, where the parameters necessary to the functioning of the two axis are stored; these parameters are called machine constants and they are completely independent between the two axis.

Positronic

COD. 049

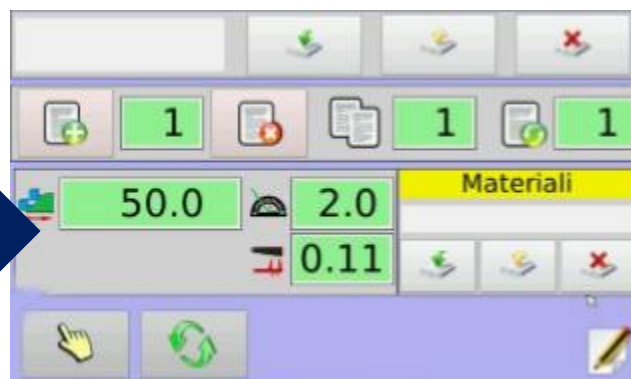


NUMERICAL CONTROL FOR TORSION BAR PRESS BRAKE

Manage up to 3 axis: X – Y – R

NUMERICAL CONTROL FOR SHEARS AND PRG 923-TAG

Manage up to 3 axis: A – X – I



Positronic

COD. 049



NUMERICAL CONTROL FOR FOLDING MACHINES

Manage up to 4 axes: Cutter / Sheet Clamp / Back Gauge / Folder

NUMERICAL CONTROL FOR LEVELLING MACHINES

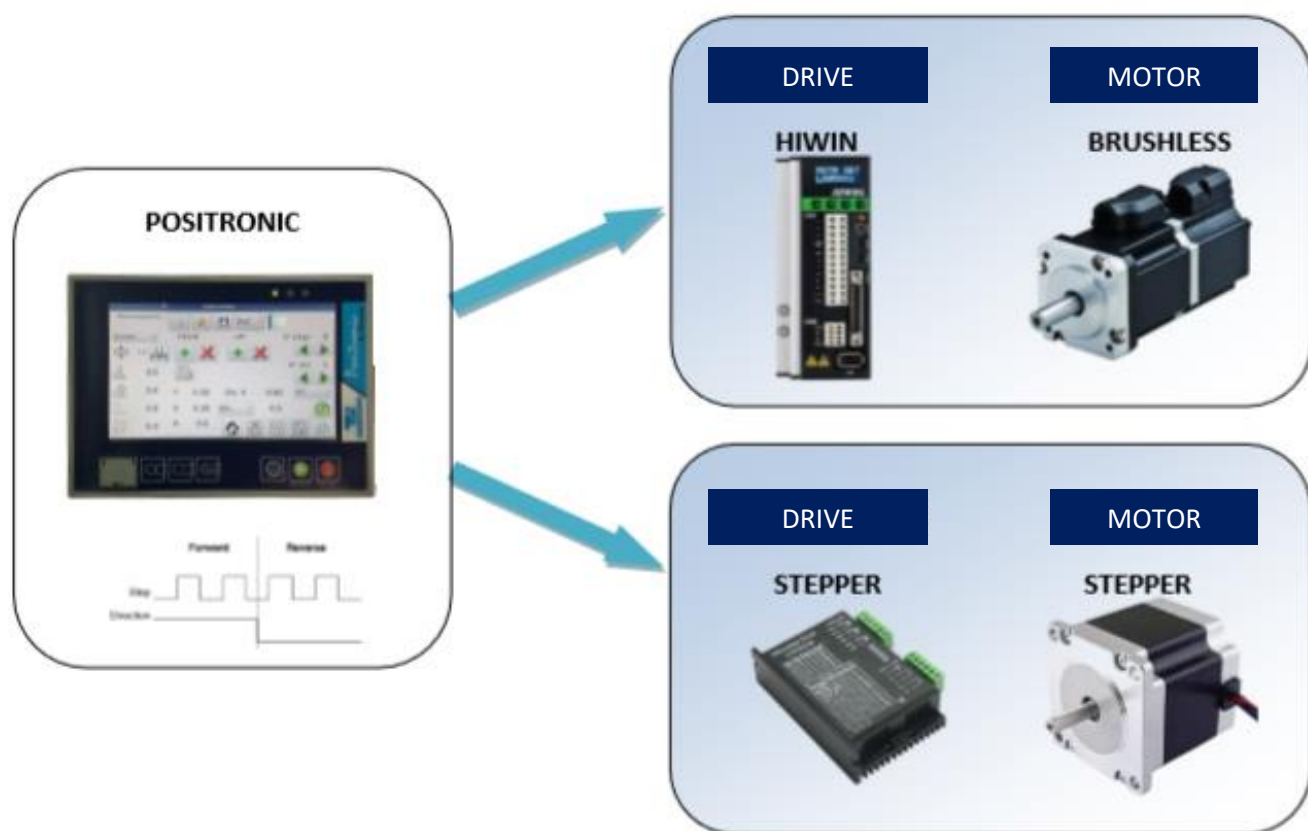
Manage up to 4 axes: Cutter / Drilling / Engraving



Positronic

COD. 049

STEPPER MOTORS CONTROLS



Positronic

COD. 049

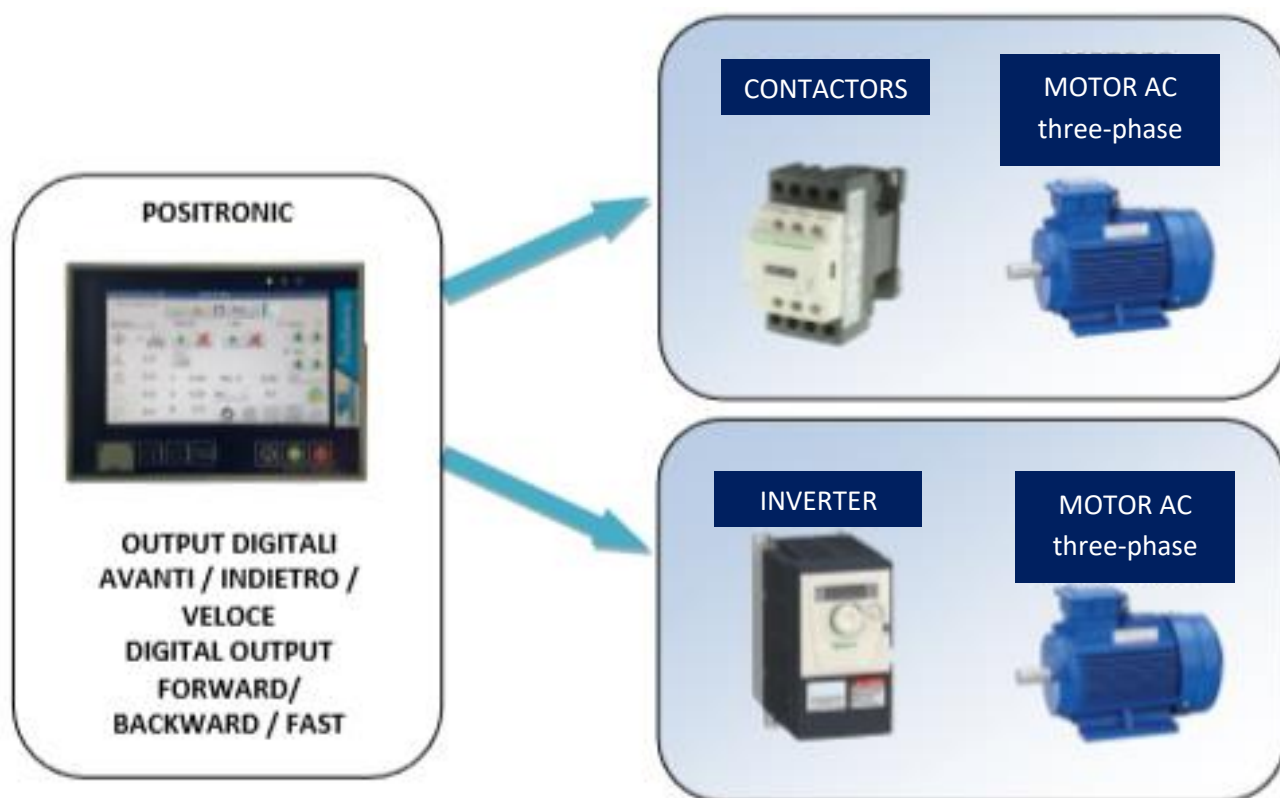
ANALOG MOTORS CONTROLS



Positronic

COD. 049

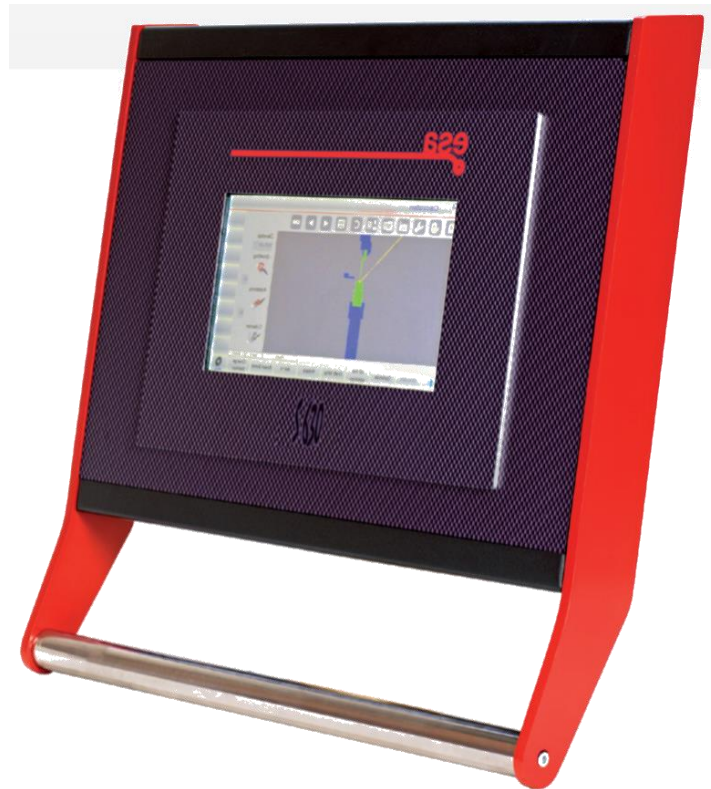
MOTORS DIGITAL CONTROLS



CNC 630

COD. 013 A

Top level performance for machines up to 4 axes



High-level graphic programming for easiness of use and sophisticated algorithms to make the most of your machine.

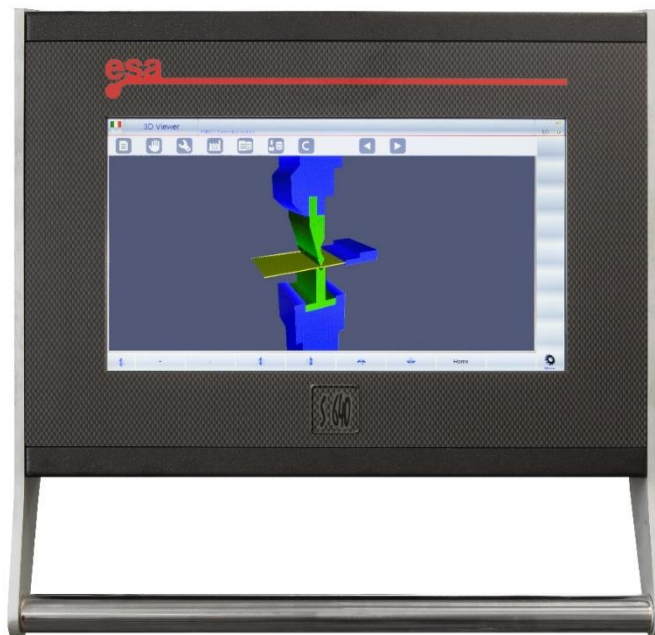
Direct management of any kind of servo valves with no need of external amplifiers.

- 10n touch screen display
- Can handle up to 4 axes
- Optional graphic designer
- Optional optimizer

CNC 640

COD. 013 B6

Top level performance for machines up to 6 axes



The wide screen allows excellent comfort for the operator enhancing the advantages of a **full graphic interface**.

Automatic bending sequence calculations and Material Data Base for predictive compensation are available (as options) to reduce the wastage of material.

Crowning correction in degrees.

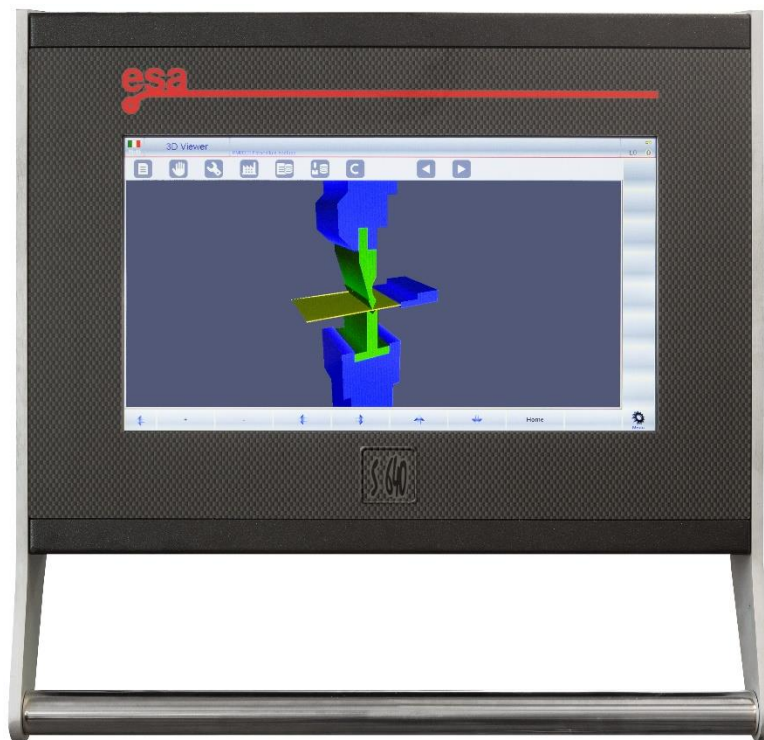
Dynamic crowning is available to **grant a perfect bend linearity**.

- Can handle up to 6 axes
- 15n touch screen display
- Optional optimizer
- Integrated 2D piece designer

CNC 650

COD. 013 C8

Top level performance for machines up to 8 axes



The wide screen allows excellent comfort for the operator enhancing the advantages of a **full graphic interface**.

Automatic bending sequence calculations and Material Data Base for predictive compensation are available (as options) to reduce the wastage of material.

Crowning correction in degrees.

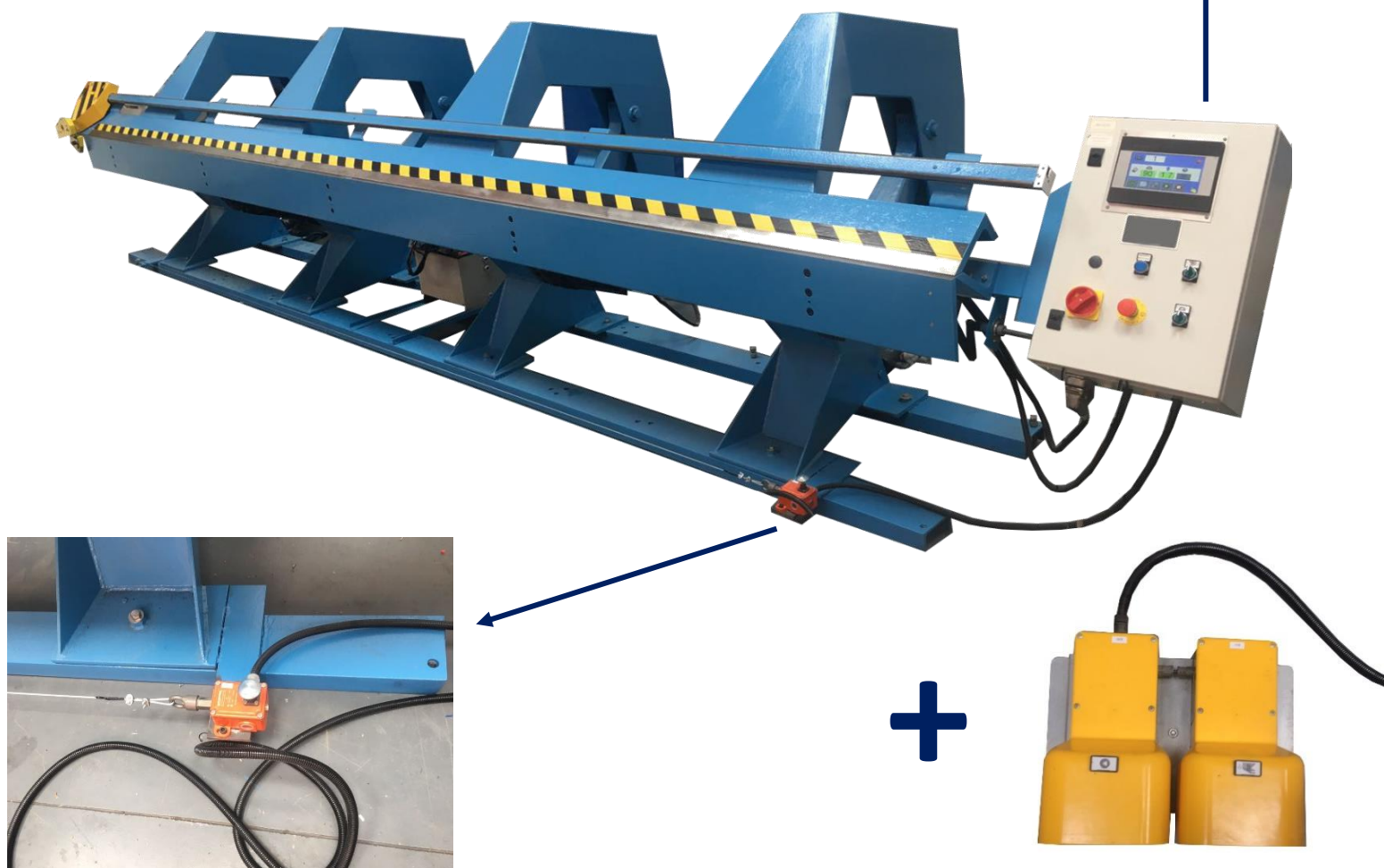
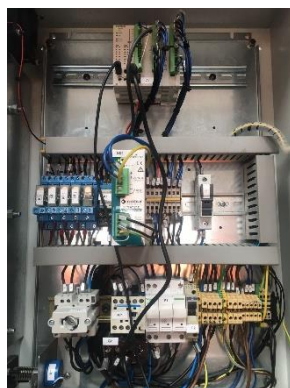
Dynamic crowning is available to **grant a perfect bend linearity**.

- Can handle up to 8 axes
- 15n touch screen display
- Optional optimizer
- Integrated 2D piece designer

Foldtronic

COD. 0

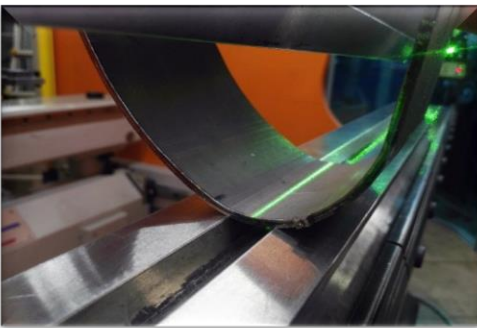
Kit retrofitting Foldtronic
suitable for folding machines
with stapling and folding control
complete with electrical panel.



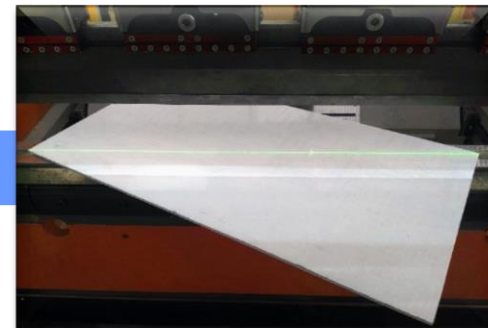
Laser Tracker

COD. 024

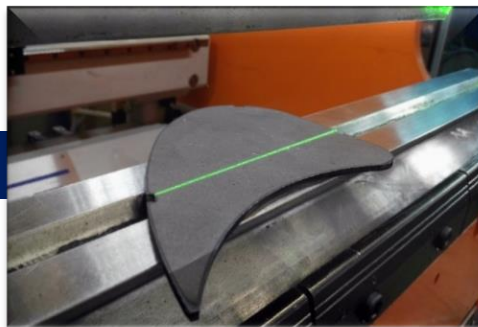
With this laser tracker device some programming parts will no longer be necessary and precision will become millimeter and instantaneous



Reliable result also in multistation



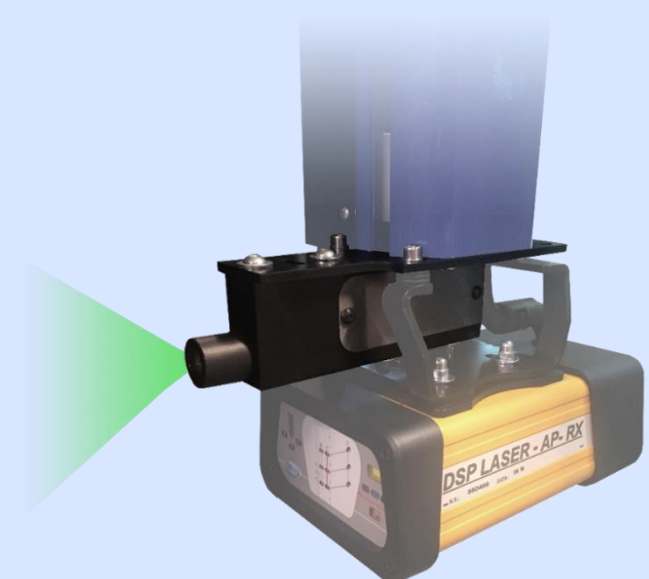
Intuitive and immediate use



Universal and easy installation

DESIGNED TO CREATE QUICKLY AND WELL:

- **Multi-step bending**
- **Bends to sign** (for example laser marks)
- **Conical bends** (like funnels and hoppers)
- **Cross bending** (reinforcing bends for thin panel)
- **Irregular pieces** that is difficult to stand to the backgauge



PERFECT FOR URGENT PIECES:

NO MORE LOSS OF TIME RELATED TO PROGRAMMING!

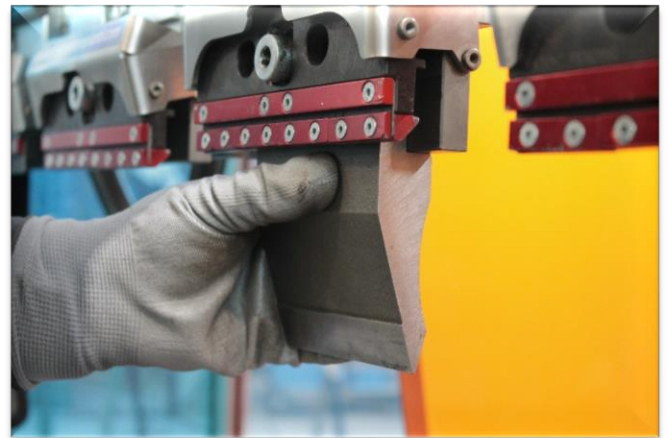
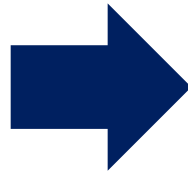
Brackets Scanner

COD. 026

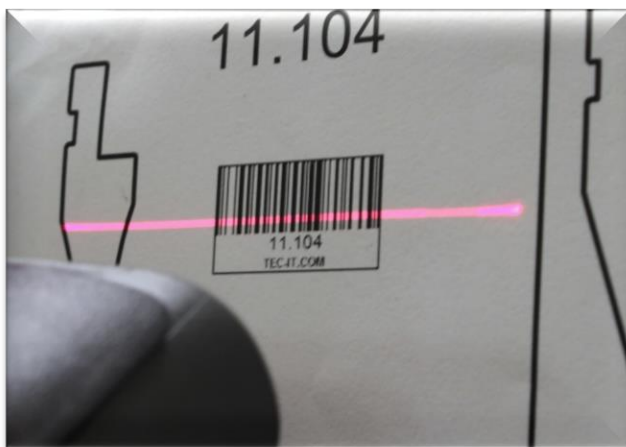
The world's first brackets that **positions on its own in 3 seconds** reading a barcode: identify, scan and position to work fast with no mistakes



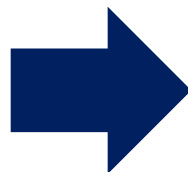
1. Photocell's initial height



2. Press brake setting



3. Selection with bar code

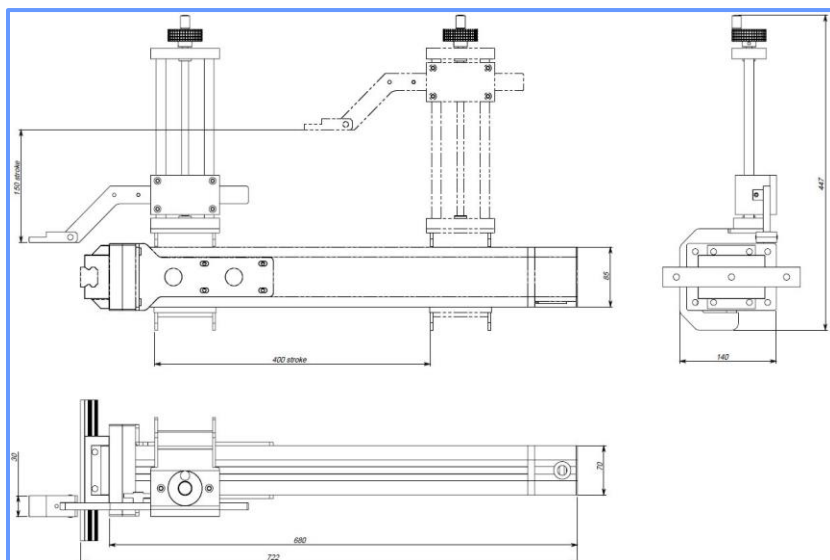
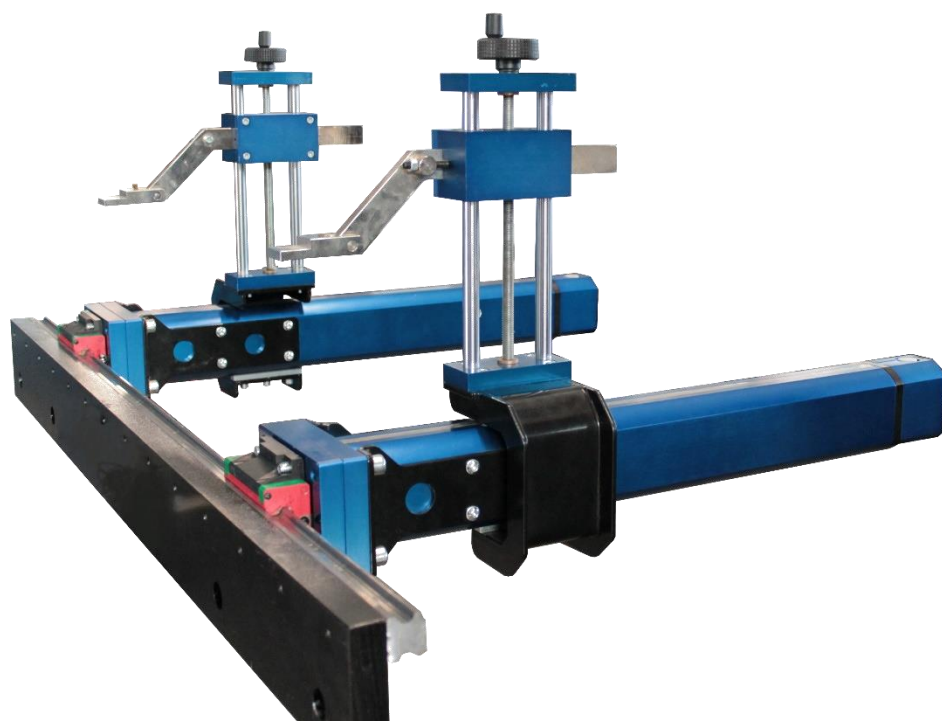


4. Automatic placement

Kit Smart X2

COD. 029

Back register for **torsion bar presses** and **RG Amada / Promecam**.
Suitable for machines up to 60 Ton.



Kit Smart X2

COD. 029

MOVEMENT AXIS

Axis X1 and X2 independent



DRIVE HIWIN



BRUSHLESS MOTOR



DRIVE STEPPER



STEPPER MOTOR



AXIS R1 and R2



Manual

AXIS Y



CONTACTORS



MOTOR AC
three-phase



INVERTER



MOTOR AC
three-phase



Stepper

Kit Control for Torsion Bar

COD. 027 A - COD. 027 B

Do you have a torsion bar press brake?

It is easy to recognize: a torsion bar press brake is an **old concept hydraulic machine** which includes mechanical components that distinguish it:

1. Return shafts that regulate the limit switch of the press' closing

2. A simple two or three axis positioner to move it



If you work with this kind of technology you have already noticed **how much time and money you waste** in:

1. Empirical adjustments made with numbers of difficult to understand

2. The possibility of error and tool damage and danger for the staff

3. The frequent impossibility of storing data

4. Attempts to make it through test scraps

5. Lack of spare parts in case of breakdown

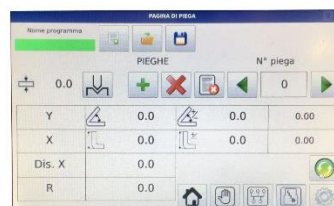


Kit Control for Torsion Bar

COD. 027 A - COD. 027 B

The solution is here and it is called TB NC Evolution.

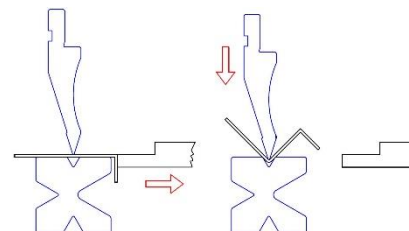
Thanks to our **touchscreen numerical control** and the simple and **intuitive color interface** you can:



1. Reduce production waste

2. Add the disengagement function

3. Get maximum versatility and precision with the position transducer and the encoder for the fold depth



4. Adapt it to any machine of any age

5. Have additional accessory axes on request



Kit Movement Backgauge for Shears

COD. 028 A

Kit Movement Backgauge for Shears **represents the evolution** of your machine that improves: performance, precision and working speed



STEPPER VERSION

With this version the Kit Movement Backgauge for Shears is provided with **STEPPER MOTOR**, considered the ideal choice for all those applications that require precision in moving mechanical parts, whose most valuable features are:

- high mechanical and electrical **robustness**
- **great stability** of the position
- **easy calibration**

Kit Movement Backgauge for Shears

COD. 028 B

Kit Movement Backgauge for Shears **represents the evolution** of your machine that improves: performance, precision and working speed



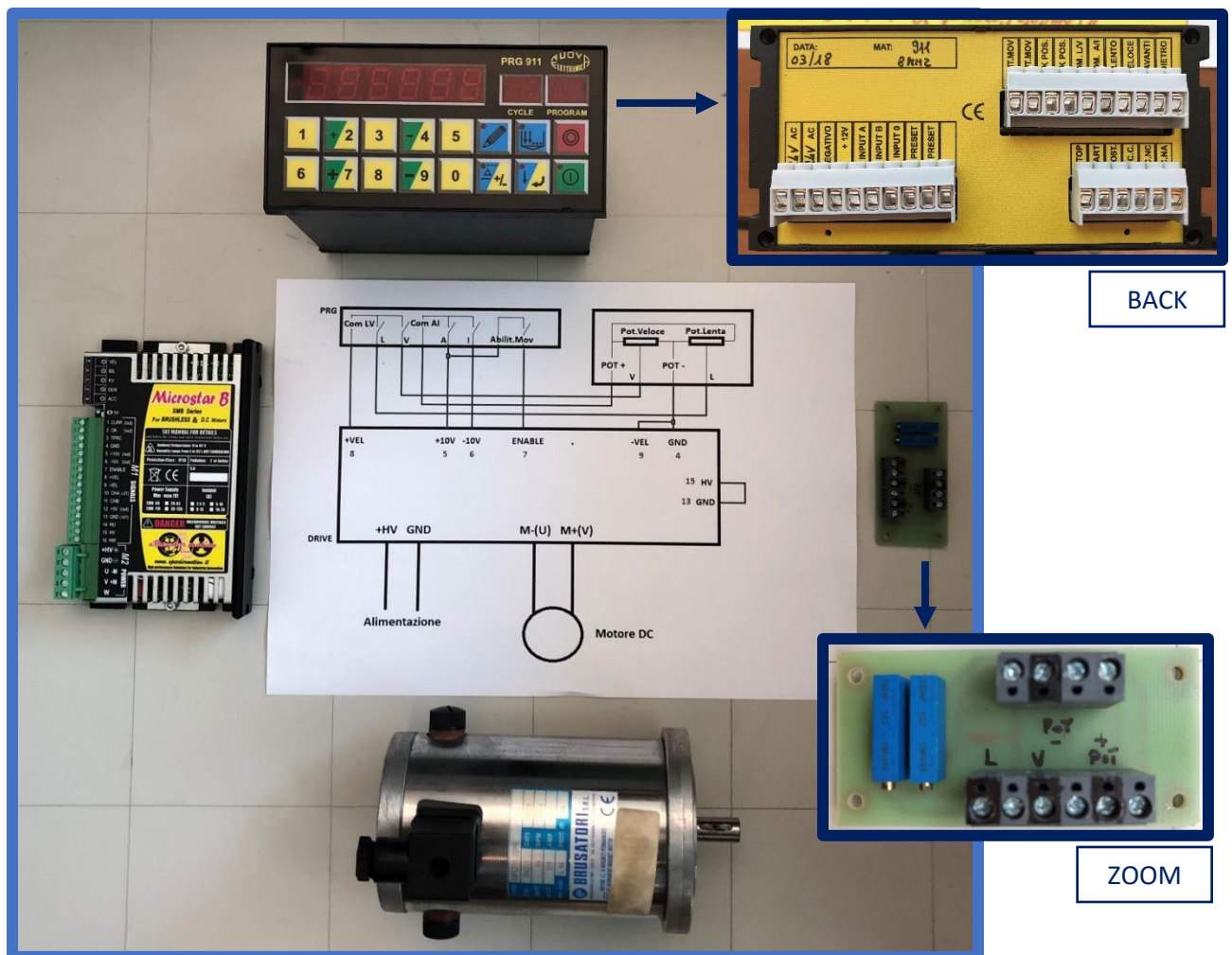
BRUSHLESS VERSION

With this version the Kit Movement Backgauge for Shears is provided with **BRUSHLESS MOTOR**, which brings with it advantages such as extremely precise control both in acceleration and speed, but not only, its characteristics are:

- precise and fast movements
- very compact size
- great versatility

Kit Movement for Sawing Machines

Kit Movement for Sawing Machines, thanks to the drive Microstar B SMB Series, controls a D.C. motor through a PRG 911 positioner of Nuova Elettronica s.n.c.



The movement takes place through a dedicated card that allows the management of:

- backward
- forward
- slow
- fast

Up

Follower for sheet metal
suitable for all kind of press brakes

COD. 025 90 - COD. 025 300





Up

COD. 025 90 - COD. 025 300

If you bend **large sheet metal** and your operators find it difficult:
The solution is Up!



Our *Up*:

- It is installed on the front of your current press brake
- It will **increase the productivity** of the machine
- Your operators will be able to **work more fluidly**
- It **reduces the risk of injury** to the worker (eg tilting the sheet)

Up helps the operator to improve his job,
protecting his life and your business
and **increasing productivity**

Stand Up

COD. 025STANDUP 80 - COD. 025STANDUP 120 - COD. 025SANDUP 180

Stand Up is a pneumatic solution for the **manual assisted handling** of large sheet metals with a considerable weight

Maximum weight: 150 kg

INCREASED PRODUCTIVITY:

by using Stand Up you can keep constant your productivity level throughout your shift, resulting in increased overall productivity.

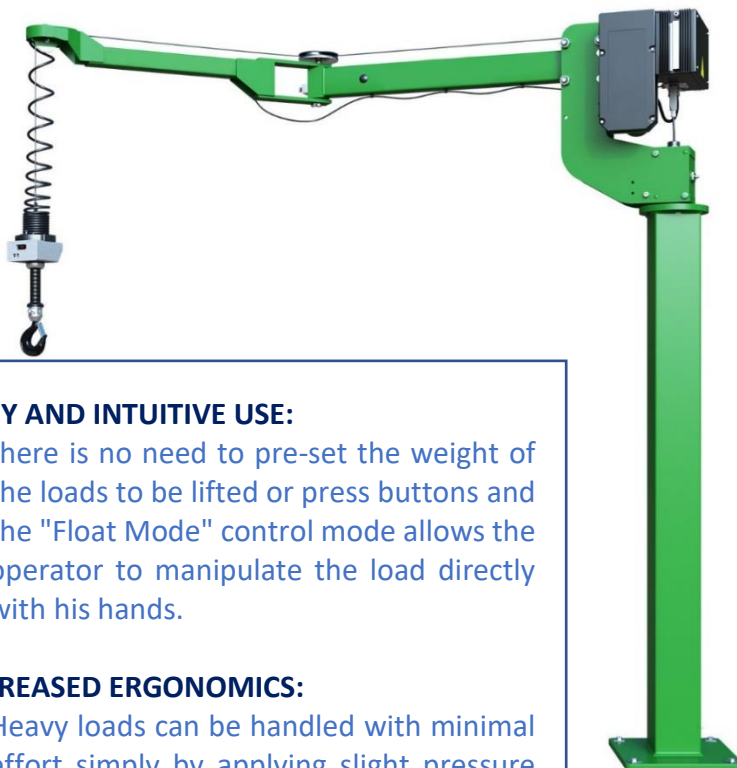
SAFETY:

movement is only allowed if activated by the operator. In the event of a power failure, the system will not release the load until it is resting on a stable support.

INCREASED ACCURACY:

Stand Up is faster and more accuracy than a pneumatic manipulator and allows the operator to move the load intuitively and at the speed best suited to each phase of the handling cycle. The operator has perfect control at every moment of the entire cycle.

Range of action: 3'000mm



EASY AND INTUITIVE USE:

there is no need to pre-set the weight of the loads to be lifted or press buttons and the "Float Mode" control mode allows the operator to manipulate the load directly with his hands.

INCREASED ERGONOMICS:

Heavy loads can be handled with minimal effort simply by applying slight pressure with the fingertips on the handle.

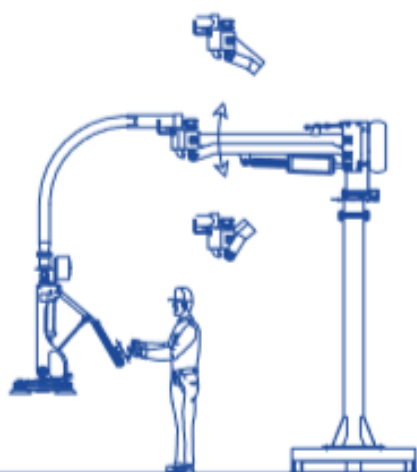
Stand Up is the help you need to handle sheet metal

- Easy to use
- Maneuverability
- Speed of movement
- Positioning accuracy

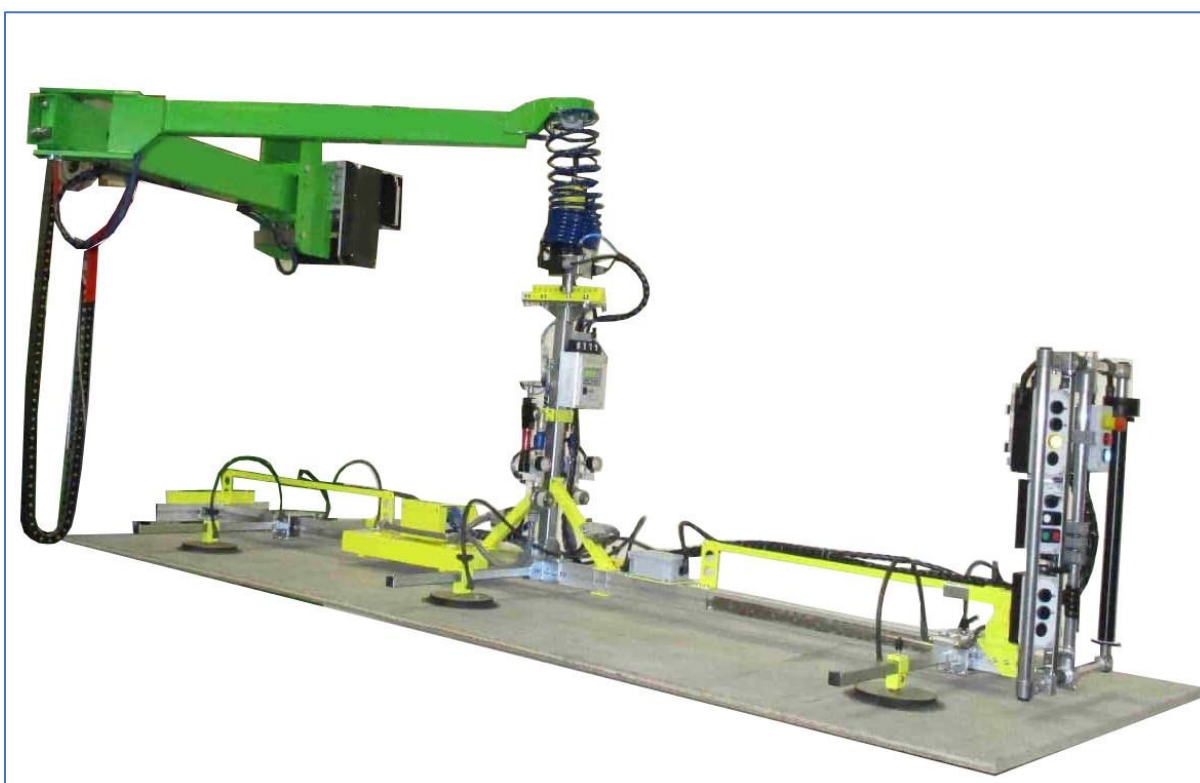
Stand Up

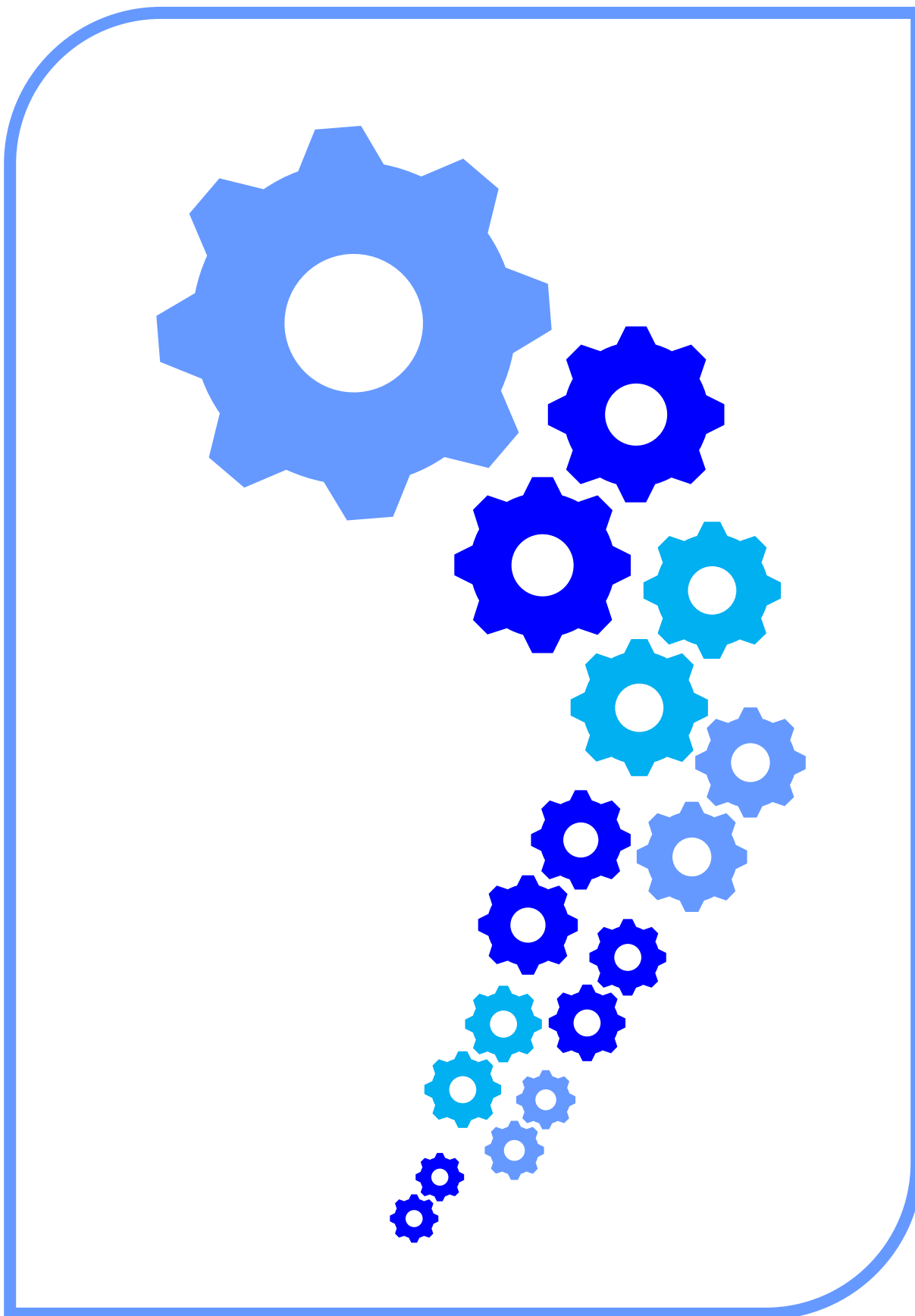
COD. 025STANDUP 80 - COD. 025STANDUP 120 - COD. 025SANDUP 180

Stand Up is an articulated arm manipulator ideal for **wide-ranging movements** of heavy sheet metals



The **autostable base** configuration allows Stand Up to be mobile and "flexible", which makes it perfect for **covering the entire work area**.





Index

PRESENTATION

- Triveneta Impianti Srl – Presentation.....pag 03

SAFETY

- Kit Base – DSP AP.....pag 06
- Kit Base – DSP Standard.....pag 07
- DSP AP – Installation Starter Kit.....pag 08
- DSP – Installation Starter Kit.....pag 09
- Kit Sostitution – DFS LASER BEAM in DSP LASER.....pag 11
- Assistance Kit.....pag 12
- Kit Fast Bend Synchro.....pag 14
- Kit Standard Bend Synchro.....pag 16
- Kit Fast Bend Torsion Bar.....pag 18
- Kit RGeneration RG.....pag 20
- External Pedal Unit.....pag 22
- 3-Ray Rear Protection.....pag 23
- Lateral Protection.....pag 24

PERFORMANCE

- PRG 910 A.....pag 26
- PRG 911.....pag 27
- PRG 920.....pag 28
- Positronic.....pag 29
- CNC S630.....pag 34
- CNC S640.....pag 35
- CNC S650.....pag 36
- Foldtronic.....pag 37
- Laser Tracker.....pag 38
- Brackets Scanner.....pag 39
- Kit Smart X2.....pag 40
- Kit Control for Torsion Bar.....pag 42
- Kit Movement Backgauge for Shears.....pag 44
- Kit Movement for Sawing Machines.....pag 46

UP

- Up.....pag 49
- Stand Up.....pag 50