

Sheet metal machinery. **For the construction industry.**



**CIDAN**  
MACHINERY GROUP

Slitters

Multi Coil Lines

Roll-Forming

Finance

Software

Service

Material Handling

Your one-stop

Long Folders

partner for

sheet metal

processing

Automation Projects

Shears

Decoilers

Recoilers

Folders

Certified Used



CIDAN Machinery is a premium manufacturer of sheet metal processing machinery for the construction and manufacturing industries. Since the company was first

founded in Götene in 1907, we have been designing and manufacturing reliable and innovative machinery and our starting point has always been our customers' needs and requirements.

Today we offer powerful brands such as CIDAN, Forstner and nuIT on an expanding global market. Our model for success is both straightforward and highly advanced – by designing and combining innovative sheet metal processing machines and control systems for a streamlined workflow, we provide our customers with major competitive advantages, whether in smaller workshops or in large manufacturing plants.

Our innovations extend throughout the entire production process from coils or sheet metal to slitting, cutting, folding and barcode marking of final products ready for surface finish or delivery. Our machinery uses the latest technology for control systems, resource planning and automation always with unrivalled performance. So welcome to your one-stop-partner for sheet metal processing. We offer everything from quality and efficiency to job satisfaction, service and advantageous financing.



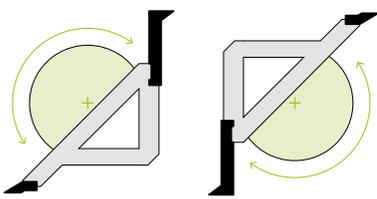
**Gain  
the power of  
innovation.**

Right from the start our success has been built on ground-breaking innovations. Ever since our first company, Göteneds, was founded in 1907 and then Forstner in 1960 we have been asking ourselves how to overcome the challenges met by our customers. These challenges have led to very many innovations and patented inventions that make the working day easier and more efficient for the construction and manufacturing industries.

All of us at CIDAN Machinery Group are driven by our enthusiasm and interest in technical problem solving and development. Our power to innovate is your power to compete.

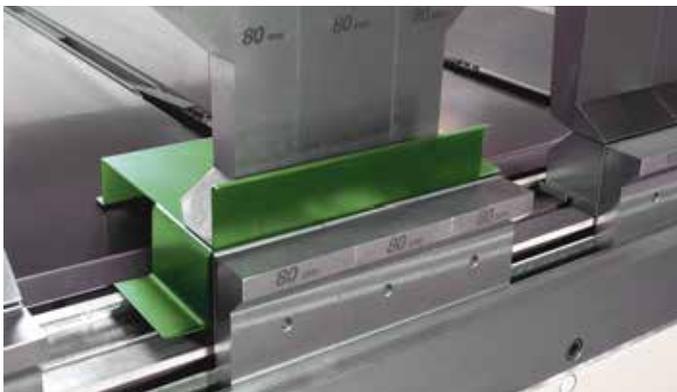
## The Combi beam

The Combi beam is one of our most pioneering innovations. It allows you to change tools – the straight rail and high



divided box tooling – by rotating the clamping beam. This unique rotation solution means changing tools in less than 10 seconds, saving

a great deal of time. With the box tools you have generous space to manufacture boxes, hat profiles and other profiles with complicated geometry.



## Multifold

Multifold is unique to CIDAN – divided tooling for every beam. With divided tooling in the lower beam you can fold details with reverse downturned flanges. With the divided folding beam rail you can fold only part of the profile lengthwise. Multifold gives you an extremely versatile production resource. Multifold in combination with a height adjustable back gauge table provides a marvel of flexibility.

## Back gauge table with multiple talents

It is no coincidence that our back gauge tables are patented. Nowhere else will you find such a robust and flexible module system that can be expanded to a working depth of up to 4,300 mm and provides 141 different combinations.

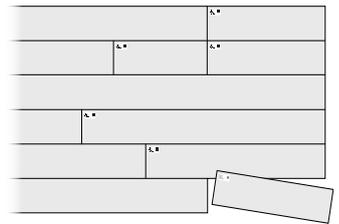
Our back gauge tables are equipped with servomotors and linear guides for maximum speed and precision. All gauge settings take less than two seconds. Also available with steel ball transfers or brushes for handling sensitive material.

## Programmable slitter

Forstner launched the first user friendly cut-to-length to the market. This innovation made it possible to lower material costs and increase productivity for small and medium-sized batches.

Today we have made the process even simpler through automatic slitting knife settings from the control panel. Enter your measurements and your parts will be fed out at impressive speed and precision with no manual interaction.

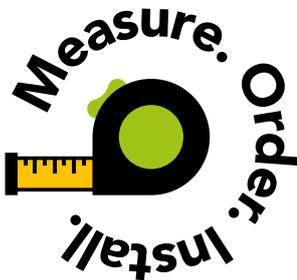
Our automatic slitting knife setting with blade gap adjustment is available today in the Forstner nuSLIT product range and together with nuIT planning software it will revolutionize your entire production process. With the step-cut option and the nuIT software you have a perfectly streamlined production flow and minimum waste of expensive material.



## nuIT

nuIT is the innovation that connects the entire production process for an automatized workflow. nuIT includes everything from drawing and ordering tools to calculation, material consumption calculation, resource planning, production, bar code marking, delivery notes and invoicing. nuIT is the planning and control tool of the future that will revolutionize your manufacturing process today.

# Welcome to the dream factory!



Efficient sheet metal folding begins and ends with **nuEvolution** from **nuIT** – the smart planning tool that revolutionizes your entire manufacturing process. Combine nuEvolution with the impressive power and adaptability of our machines for perfect overview,

excellent results, shorter lead times and greater profitability. All you need is a graphic tablet or laptop and your own finger.

## Construction.

nuEvolution is extremely user friendly and can be used by anyone, anywhere. The profiles you want to use can be drawn or dimensions entered quickly and easily on the building site, the factory floor or wherever you happen to be. Enter the measurements and adjust the angles to get accurate 3D-profiles. nuEvolution allows you to get exact values and makes your work child's play.

Choose colour and material from the pre-defined materials and enter your lengths and quantities. The program makes sure you always deliver a complete specification, with no missing measurements or other data.

Add all the other details you need from the library. Enter your

order number and when you want the material delivered. Your order is now ready to be sent directly to production.

nuEvolution gathers together all the incoming orders digitally in one and the same place. It's easy to print complete PDF files for your dimensioned profile with all the details included. The program keeps track of quantities of metal or other materials used.

## Get production going!

With **Production** all the incoming orders are combined, so you can plan your production according to available capacity and requested delivery times. The order is priced according to the parameters you have defined. You can see how much material you need as a base for ordering from your suppliers. You can plan daily schedules and make any changes when necessary. Production will also configure the optimal use of your material. And with nuIT software you can program your Forstner nuSLIT cut-to-length machine with exact values for both sheets and slitting.

QR code labels can be placed directly on your cut pieces to transfer the data to the metal folder and ensure that all the pieces are sorted in the correct order. If you use the ProLink W control system with your metal folder all the data



**nuIT**  
CIDAN MACHINERY GROUP



from nuEvolution will be automatically transferred and no further programming is necessary. **Production** gives you total control over everything from calculation to material quantities used and resource planning to QR code marking, production, delivery notes and invoicing.

**Order** is the building block that gives you a webshop. Using Order, your customers can design and order their own profiles, get pricing and delivery dates. Orders can be handled like any other order, with automated delivery and invoicing. You can forget about unclear instructions, hard to interpret sketches and other uncertainties. Instructions are your customer's responsibility, yours is production.

### Do you have external customers?



Drawing or loading the profiles you want is fast and easy whether you are on the building site, the factory floor or anywhere else.



nuIT, is compatible with the ProLink W control system and Forstner's software for slitting and your production can be fast, smooth and easy.



Material handling, marking, analysis, documentation and logistics – nuIT is the solution that does it all.



# Made to measure.

Rationalize your coil processing and increase your productivity. Choose and combine modules from our extensive product program and build your optimized production line for your specific material, series, premises and processing requirements.

In our range you will find smart solutions for everything from decoiling to straightening, slitting and cut-to-length systems, guillotine shears and control systems that automate

and speed up your processing. With the right combination of machines and systems you can avoid manual operation, waste, scratches, marks from pauses in operating, rejects and your production will reach new heights.

In this brochure we present a small selection of the modules available that can put new life into your production and your profits.



With Forstner's wide range of products and smart solutions for coil processing, lifting and repetitive movements are a thing of the past. Besides making life easier for your co-workers – your most important resource – this machinery minimizes risk of damage to the metal, scratches and unnecessary rejects. Precision along with making maximum use of the metal, with minimum waste, will increase your profits.



Coil processing and cut to length machinery from Forstner and guillotine shears from CIDAN cut through sheet metal like butter. Take your production to new levels with these all-in-one units. Benefit from these versatile new developments with lots of ground-breaking functions as standard.

This machinery offers extensive flexibility and is designed to maintain high levels of productivity day after day, year after year, with minimum service.



Cut-to-length machines are available with a large number of different functions and components. You can also choose the control system that fits your own needs.

Choose decoilers and/or coil cradles according to the coil weight you are using and the space of your workshop. Partition frames hold the sheet in place up to the cut-to-length thus eliminating the risk of scratches.

A coil selector, manual or powered, holds the sheet ready for the cut-to-length line for faster changeovers.

### Build your production facility for the best ergonomics, efficiency and profitability.

- ✓ Sheet metal from coils saves money, reduces waste and frees up storage space.
- ✓ We have the right solution whether your sheet metal workshop is big or small.
- ✓ Create the space for rational coil processing and increase your productivity and your profits.
- ✓ Forstner have a wide range that can be combined to make an efficient production facility based on your requirements, where parameters such as power, distance, time and access to material are decisive for fast and cost-effective production.
- ✓ With our solutions you can easily process coils from 500 kilos up to 8 tonnes. Bigger coils mean fewer changeovers, less waste and a more efficient process.
- ✓ How many materials must be readily accessible? Frequent changeovers? With a coil selector you keep as many as eight different materials ready at the cut-to-length line for far quicker changeovers.
- ✓ With a well equipped cut-to-length line in your production facility you will no longer need to cut strips in guillotine shears.
- ✓ Do you sell sheets or do you want to recoil material in smaller coils? We have the right solution for you!



With software from **nuIT** your coil processing will run more smoothly. With **nuEvolution** you get all the data to produce your finished parts, such as colour, material, cutting measurements, quantities and cut-outs. **Production** can transfer all your instructions directly to the system in your cut-to-length. With the **Order** module you can have a webshop.



## The sharpest in the team.

**Forstner EASY CUT/SLIT CUT** is the ultimate machinery for sheet metal work in the small and mid-size construction and ventilation industries. Set the lengths and quantity with the user friendly control system. The sheet metal feeds smoothly into the machine and is cut with fantastic precision and burr-free edges. If you want customized pieces choose SLIT CUT or SLIT PRO with slitting unit.

Get higher quality and speed up production all in one go. Coils instead of blanks is a money and space efficient solution that frees up space, money and time as well as minimizing waste. The feeding table is designed to minimize the risk of damage to the metal and coating, especially for sensitive materials such as zinc, aluminum and copper.

### The most important advantages:

- ✓ Small but extremely powerful.
- ✓ Smart, user-friendly control system.
- ✓ High in-feed speeds.
- ✓ Easy to use settings.

	EASY CUT	SLIT CUT*	SLIT PRO*
<b>Max coil width</b>	1250	1250/1500	1250/1500
<b>Steel, max sheet thickness, mm</b>	1	1/0.8	1/0.8
<b>Stainless steel, max sheet thickness, mm</b>	0.6	0.6/0.5	0.6/0.5
<b>Aluminum, max sheet thickness, mm</b>	1.2	1.2/1.2	1.5/1.2

\*Capacity with 5 pairs of slitting knives.



## Small in size but big in output.

**The Forstner STRAIGHT range** are highly efficient machines for cutting from coil. The machines have double feeding rollers making in-feed easier and changeovers faster. An easy-to-adjust straightening unit with six rollers gives you flat blanks for further production regardless of material type or thickness. Speeds are up to a full 25 meters per minute for highly efficient production. Equipped with a guillotine shear the machine is fast, requires minimal maintenance and gives you perfect cutting surfaces. The entire process is easily handled with the logical control system SPS-S1.

Take the step up to POWERSTRAIGHT PRO and you get both more power and automated adjustment of the straightening unit. Choose 1250 mm or 1500 mm width. POWERSTRAIGHT PRO makes your production amazingly simple, fast and precise.

### The most important advantages:

- ✓ Stable construction.
- ✓ Compact design.
- ✓ Guillotine shear for optimal cutting surface and faster processing.
- ✓ Ideal for sensitive materials.
- ✓ Easy to use and multi-function control system.

	STRAIGHT CUT	STRAIGHT PRO	POWER STRAIGHT
<b>Max coil width</b>	1250	1250	1500
<b>Steel, max sheet thickness, mm</b>	1	1.25	2
<b>Stainless steel, max sheet thickness, mm</b>	0.6	0.75	1.25
<b>Aluminum, max sheet thickness, mm</b>	1.2	1.5	2.5



## Power and finesse in one.

**Forstner COMPACT** is the most versatile range you can imagine and that is why this machinery works just as well in the small workshop as in the larger unit with serial production. The size of the components determines what benefits you will gain.

The heart consists of a robust and reliable six rollers straightening unit and powerful slitting shafts where you can choose the number of slitting knives you want. Choose whether or not the sheet is to be slit and the control system takes care of the rest. Thanks to a built-in, clear measuring scale and easily accessible slitting knives you can set the slitting unit in no time. If you choose a straightening unit where the rolls pressure is set from the control system you will achieve a perfect result without any stop marks.

Step up to **POWER COMPACT** and you can straighten and slit up to 2mm thickness with fantastic results. Choose between 1250mm and 1500mm width. Forstner COMPACT machines can be tailored exactly to your requirements.

### The most important advantages:

- ✓ Robust construction.
- ✓ 6 rollers in the straightening unit with easy pressure setting.
- ✓ Slitting unit well designed for fast setting.
- ✓ Logical and user-friendly control panel.

	COMPACT CUT*	COMPACT PRO*	POWER COMPACT*
Max coil width	1250	1250	1250
Steel, max sheet thickness, mm	1	1	2
Stainless steel, max sheet thickness, mm	0.6	0.6	1.25
Aluminum, max sheet thickness, mm	1.2	1.5	2.5

\*Capacity with 5 pairs of slitting knives.



## Let state of the art technology do the job for you.

**The Forstner nuSLIT range** is what every modern sheet metal workshop dreams of and will take your production to new heights of flexibility and productivity. With nuSLIT every function can be set from the touch panel: coil widths, finished lengths, straightening pressure to avoid stop marks, the widths, settings and operation of the five slitting knives.

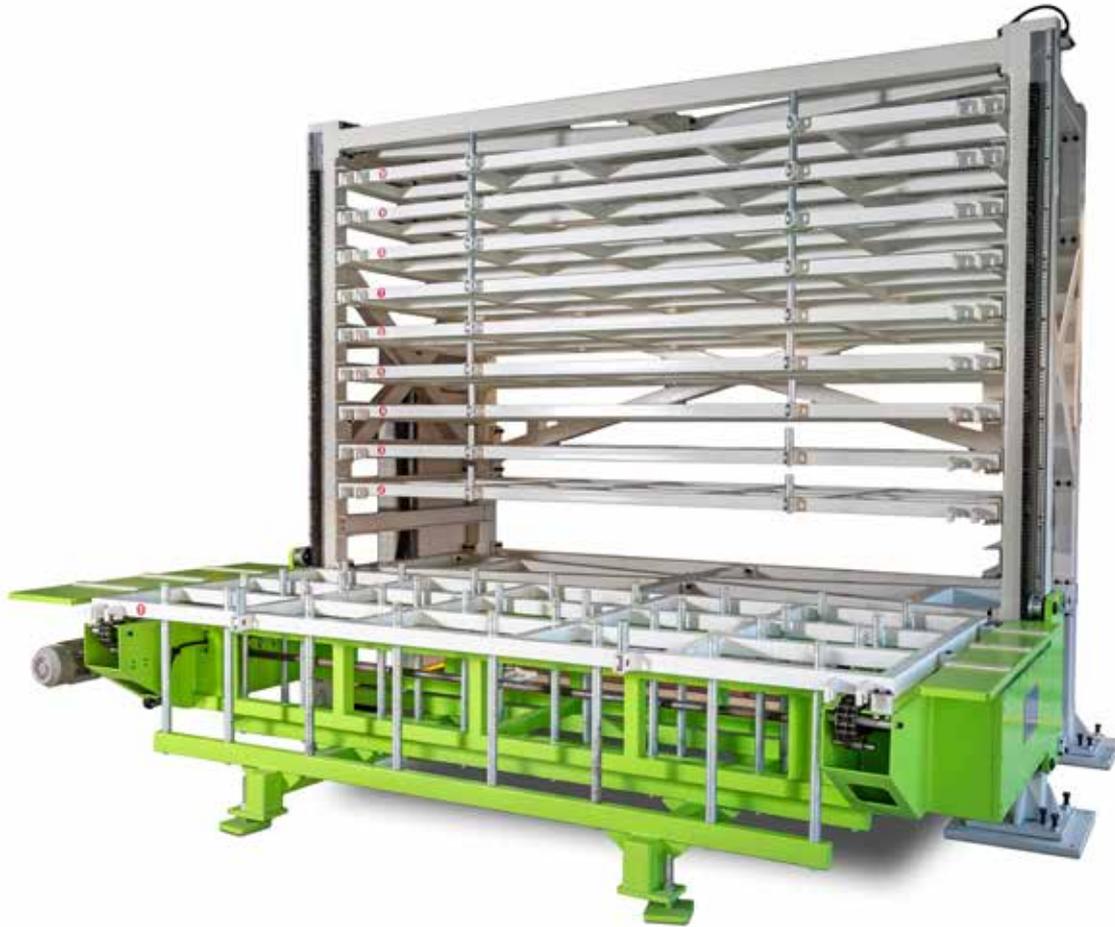
Choose the ProCut version and the system automatically calculates how to cut the material with lower wastage. You can even program finished pieces of varying lengths.

nuSLIT can be integrated in a programmed production flow. The control system is totally compatible with Production, allowing you to plan and program your entire production from your office desk with no manual intervention. Your finished lengths can also be given an individual QR code that contains all the relevant information for an automatized production. Combine with the number of decoilers you choose and a manual or powered coil selector. There isn't a better slitting and cut-to-length machine on the market!

### The most important advantages:

- ✓ Unbeatable slitting precision.
- ✓ Creates a completely integrated workflow.
- ✓ Control system can be integrated with nuIT.

	nuSlit
Max coil width	1250
Steel, max sheet thickness, mm	1
Stainless steel, max sheet thickness, mm	0.6
Aluminum, max sheet thickness, mm	1.2

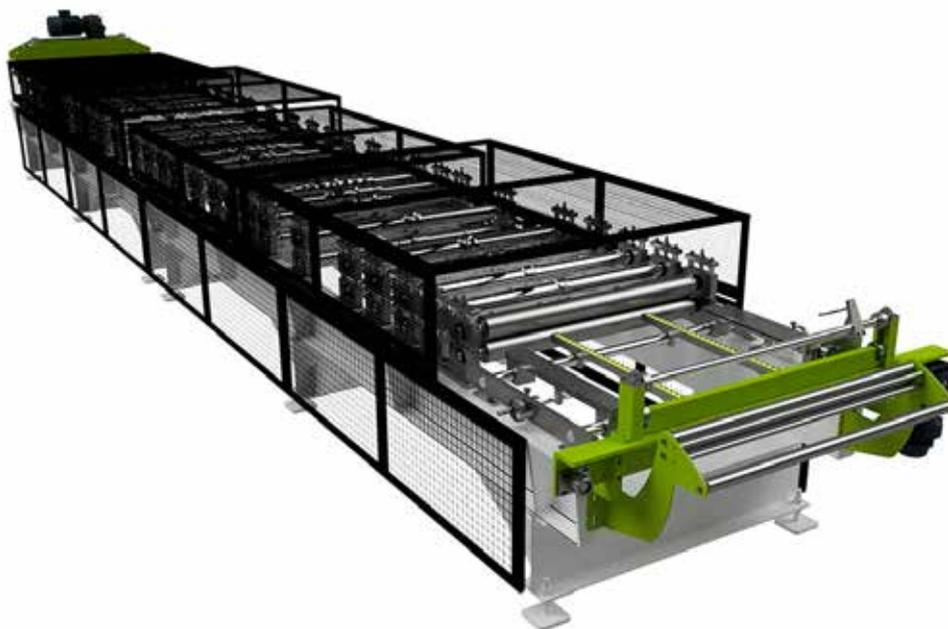


## The sheet is ready and served!

**CIDAN STACKMASTER** is the smart flat sheet storage system. Choose between 10, 15 or 20 trays! The control system keeps track of different sizes, qualities and colours stored in the various trays. All you do is choose from the touch screen and Stackmaster delivers the material. This system saves space, keeps everything in order and works perfectly whether you buy ready made blanks, or store your own cut out parts.

**The most important advantages:**

- ✓ Frees up space.
- ✓ Keeps everything in order.
- ✓ Full control of stock balance.
- ✓ Demand-driven delivery .



## A top investment in length.

**CIDAN Rollformers** are the robust rollformers that offer you amazing productivity. Choose WIDE for 1,250 mm coils for producing high quality box profiles or corrugated sheet etc in large batches – or TRIM for up to 400 mm coils or cut-to-size sheets – ideal for manufacturing ridge plates, gutters, end-fittings and profiles in large batches. With WIDE you can easily work through more than 2,000 tons of sheet metal in one year while working single shift!

The Rollformers have 14–30 (WIDE) or 8-20 (TRIM) tooling stations depending on the profile you are working on. The solid shafts have 85 mm or 70 mm diameter respectively for reduced load and have spherical bearings for quiet and trouble-free operation year after year. The tooling is made of hard chromed special steel, which always gives perfect results.

The feeding rails have hardened bearings and are adjustable on both sides for maximum precision when feeding into the roll former. The pressure rollers ensure that the metal is fed at a constant speed and direction. Each tooling station has a dial indicator for tool height with a graduated scale, making it easy to change the material thickness and to adjust the pressure for optimal end results. The Rollformers are powered by electricity for long life, quiet running and long service intervals. With the control system you can program 50 lines with different lengths and quantities, minimizing operator input and maximizing full utilization of the material.

WIDE has a powerful guillotine shear and can be delivered as a double unit with two levels using shared infeed, guillotine shear and control system. And at a lower cost than two separate machines. TRIM Rollformers that are designed for coils have a powerful guillotine shear that guarantees burr free cutting. An investment in WIDE or TRIM pays for itself in record time.

### WIDE

- ✓ For 1,250 mm coils.
- ✓ Handles over 2,000 tons/year working single shift.
- ✓ Available as a double roll former for optimal use of floor space.

### TRIM

- ✓ For sheets or coils up to 400 mm.
- ✓ Handles over 650 tons/year working single shift.

### The most important advantages:

- ✓ Robust construction.
- ✓ User-friendly design.
- ✓ Enormous capacity.
- ✓ Investment with extremely short payback period.





## Biggest output – lowest noise.

The **CIDAN RAPIDO** is a guillotine shear with a robust construction and will cut all sheet thicknesses in the working interval without blade gap adjustment.

The machine is fully equipped from the standard model, and different back gauge lengths and sheet handling systems are easily added for smooth handling of your material.

Working with a RAPIDO is a pure joy. The table with scored measuring lines at 10mm spacing and squaring arm on both sides makes it easy to move sheets, and you will always get accurate angles. With table extension, you have excellent support for sheets of more than 1.5 meters width. The elegant design of the hold-down beam means you can make maximum use of the sheets and the LED lighting above the cutting line makes it easy to cut exactly as scored.

Gauge dimensions, quantity and all the machine's operations are amazingly easy to set from the panel in the CutLink control. No unnecessary commands, a minimum of keystrokes and the guillotine will do precisely what you want. The back gauge is designed to give you exact measurements and smooth feeding. The motor is placed directly on the stop arm for low noise output and to leave a free area on the upper side of the machine.

RAPIDO maintains an impressive speed at 35 strokes per minute. The electric gear motor is very powerful and consumes energy only on each stroke. This shear's built-in ergonomics and low noise output provide a good and comfortable working environment. In addition, the machine is designed so that periodic maintenance and all service points are reached without hassle.

### The most important advantages:

- ✓ Powerful! Large working interval without blade gap adjustment.
- ✓ Fast! 35 strokes per minute.
- ✓ Easy to use.
- ✓ Well equipped as standard.
- ✓ Slender hold down beam leads to minimum waste.
- ✓ Scored measuring lines on table.

### Option examples:

- ✓ Telescopic table extension.
- ✓ Pneumatic hold down beam.
- ✓ Squaring arms of different lengths with or without T-groove and tilting stops.
- ✓ Moveable wagon

	<b>RAPIDO 13</b>	<b>RAPIDO 26</b>	<b>RAPIDO 32</b>	<b>RAPIDO 41</b>
<b>Working length</b>	1350 mm (53")	2600 mm (102")	3200 mm (126")	4100 mm (161")
<b>Steel, max sheet thickness</b>	3.5 mm (10 ga)	2.5 mm (12 ga)	2.5 mm (12 ga)	1.5 mm (16 ga)
<b>Stainless steel, max sheet thickness</b>	2 mm (14 ga)	1.6 mm (16 ga)	1.6 mm (16 ga)	0.6 mm (24 ga)
<b>Aluminum, max sheet thickness</b>	5 mm (0.196")	3.7 mm (0.145")	3.7 mm (0.145")	2.2 mm (0.08")



## Choose a machine with double the muscle.

The **CIDAN EVO DUO** guillotine shear is a muscle machine with double motors that spread power evenly along the entire cut. With EVO DUO you will easily cut sheets of thicknesses up to 4 mm (EVO DUO 32) or 2.5 mm (EVO DUO 41) with perfect results every time. This machine has a more powerful cutting beam than its predecessor and blade gap adjustment is clear and easy to set. The distance between the rear of the hold down beam and the cutting line is only 34 mm for minimum waste. Pneumatic hold down beam is standard and gives excellent results even with sensitive materials.

The motorised back gauge (up to 1000mm) is quickly positioned from the front of the machine with user-friendly control system CutLink. Configure your EVO DUO table exactly according to your production demands, and move or add components if your requirements change.

With EVO DUO you have an extremely strong machine with low noise output that consumes energy only during the actual cutting. Low running costs, low noise output and low environmental impact are all included as standard. EVO DUO is not only easy to use but brings you optimal precision and work satisfaction.

### The most important advantages:

- ✓ Double synchronized motors that distribute power evenly throughout the machine.
- ✓ Wide working area 0.5–4 mm (EVO DUO 32).
- ✓ Clear and easy blade gap adjustment.
- ✓ Flexible table that can be equipped exactly to your needs.
- ✓ CutLink – the simple, easy and precise control system.

### Option examples:

- ✓ Support arms with or without tilting stops.
- ✓ Adjustable squaring arm with easy-to-read graduated scale.
- ✓ Table pans at the correct length make it easier to handle sensitive or heavy material.

	<b>EVO DUO 32</b>	<b>EVO DUO 41</b>
<b>Working length</b>	3200 mm (126")	4100 mm (161")
<b>Steel, max sheet thickness</b>	4 mm (9 ga)	2.5 mm (12 ga)
<b>Stainless steel, max sheet thickness</b>	2.25 mm (14 ga)	1.6 mm (16 ga)
<b>Aluminum, max sheet thickness</b>	5.5 mm (0.216")	3.7 mm (0.145")

# Make light work of heavy sheet metal.

CIDAN Machinery offers smart sheet metal handling systems that will make your workload far lighter. Your machine can be adapted so that the cut-off sheets are delivered either to the front or the back of the machine. Scored measuring lines in the table as well as squaring arms on both sides are standard on RAPIDO. For EVO DUO you choose what suits your production best. Table pans give support and flexibility and

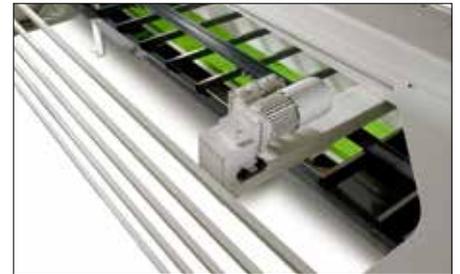
come with or without ball casters depending on the material and weights you work with. EVO DUO can be fitted to advantage with squaring arms and support arms for easier handling of heavy material. You choose both the number and the lengths. Graduated scales and T-grooves with tilting stops are other smart accessories that make light work of sheet metal.



CutLink can be used manually or automated where you can program 10 lines with back gauge settings and number of cuts to be operated in sequence. Your settings are saved in the system's memory. Using CutLink you control the sheet support system, the hold-down beam and continuous cutting.



The position of the hold down beam only 32 mm from the cutting line means minimal waste.



With the hold down beam raised there is enough distance between the ball screws to pull a 1250 mm sheet through (not RAPIDO 13).



## Land your orders with speed, care and smartness.

**RAPIDO 32 SSM** (Speed Sensitive Material) is the newly developed cut n' stack system from CIDAN machinery that speeds up your guillotine shear and never leaves you with scratches or dog-ears. Set back gauge measurements and number of cuts. The sheet support is pulled back on cutting fast as lightning and the cut material falls gently down onto the moveable material wagon where the sheets are stacked at a speed of up to 35 sheets per minute.

The material wagon can be loaded with up to 800 kg. If you cut widths of up to 410 mm you can stack to a height of 90 mm, with widths greater than 410 mm, to a height of 40 mm.

Used with the CutLink control system RAPIDO SSM is a real cutting and stacking giant programmable for ten different back gauge settings in the desired quantities, all with neat stacking on the material wagon. There is no smarter, gentler or more efficient system for high volumes.



## Folded exactly to fit your production.

Fast, accurate and tireless. CIDAN Machinery is proud to be a world-wide industry leading source for sheet metal folders and metal bending machines for the construction and manufacturing industries. CIDAN Machinery offers reliable, functional and innovative machines with built-in flexibility that will speed up your processes, simplify your day to day tasks and increase your profits.

Our machines have short start-up times and run as good as silently. They are operated by a single operator who can easily produce anything from the simplest to the most advanced profiles with only one set of tools. It's all the small well-thought-out details that make CIDAN the obvious choice. Make the most of CIDAN state-of-the-art machinery with ground-breaking features as standard.





# Our back gauge system – your workplace.

Our patented back gauge gives unbeatable precision, is extremely versatile and expandable from 1000 mm (39") up to 4300 mm (169") working depth.

With additional modules you can design L-, J- or U-shaped back gauges according to your specific needs. The module system allows 141 different combinations of back gauge system, so a fully customized back gauge system is possible today. The back gauge can also be made height adjustable. With a height adjustable back gauge you can make maximum use of your Multifold machine.

The back gauge system is servo driven with ball screws and linear guides for optimal efficiency and precision. Every position will be exactly the same, time after time. Steel ball transfers facilitate handling larger material. If you work with scratch sensitive material we recommend a table with brushes.

The back gauge system has 8 up to 16 gauging rails as standard depending on the working width of the machine. The fast gauge positioning, each repositioning takes under two seconds, allows higher productivity and in turn lowers costs for each bending operation. The front back gauge fingers are made from spring steel as standard. All back gauge fingers can be folded down to the table from the control system. The material can then be rotated with no risk of damage.

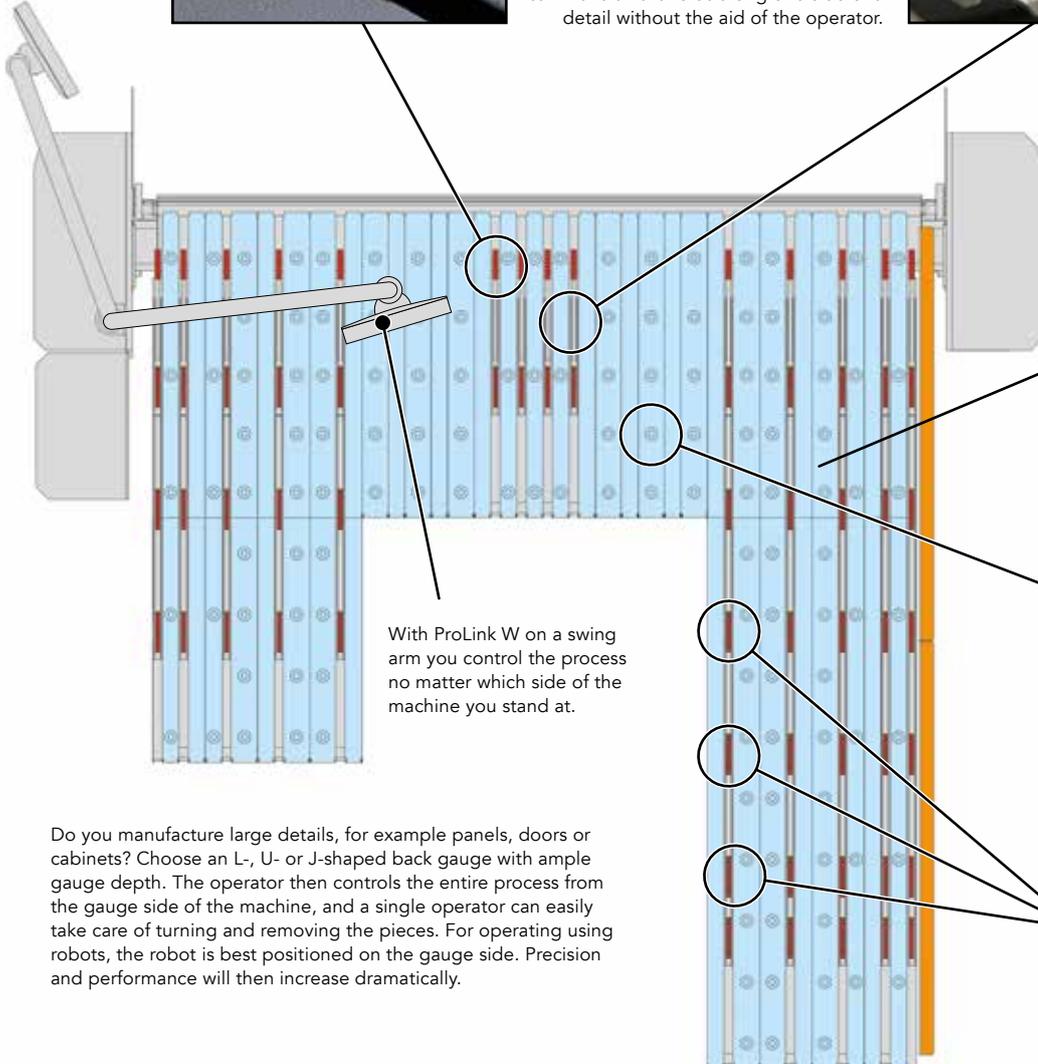
## The most important advantages:

- ✓ Constructed according to your own requirements.
- ✓ Fast servo motors and linear guides for greatest possible speed and accuracy.
- ✓ Gauge dimensions from 3 mm upwards available depending on table size.
- ✓ 8–16 gauge rails according to working width.
- ✓ Standard unit easily expanded with additional sections as required.
- ✓ Height adjustable for all Multifold models.



Back gauge fingers of spring steel close to the bending point prevent damage to the metal and allow extremely small gauge measurements. You can get solid back gauge fingers as an option.

With the vacuum gripper in the back gauge a folding machine in the Z-series can make all the folds along one side of a detail without the aid of the operator.



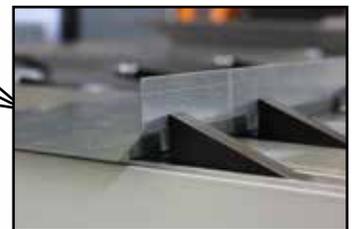
With ProLink W on a swing arm you control the process no matter which side of the machine you stand at.



Brushes instead of steel ball transfers are ideal for handling scratch sensitive material such as aluminum and stainless steel.



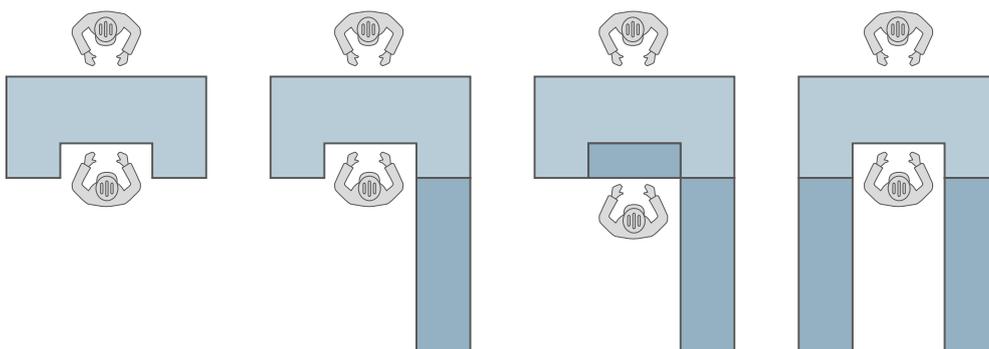
Ball casters in the back gauge system protect the material and facilitate rotating the material.



By having a number of gauge positions and "stops" for every 500 mm (20"), any measurement can be reached within two seconds, thus speeding up the process.

Do you manufacture large details, for example panels, doors or cabinets? Choose an L-, U- or J-shaped back gauge with ample gauge depth. The operator then controls the entire process from the gauge side of the machine, and a single operator can easily take care of turning and removing the pieces. For operating using robots, the robot is best positioned on the gauge side. Precision and performance will then increase dramatically.

**With the right back gauge your production will run like a self playing piano.**





## Mastering energy, time and money.

**CIDAN F** is fast, powerful, easy to use and reliable. The robust design has welded sides, extra strong lower beam and clamping beam. The folding beam, dual powered, is exceptionally rigid and stable but at the same time so narrow that the operator needn't step back when folding.

The machine is generously designed with opening height of 150mm and the large recesses in the clamping beam, 49 mm high and 57 mm wide, allow greater flexibility. There is also ample height above the straight rail to leave space for completed details.

CIDAN F is the master of fine detail with spring steel gauging fingers and the narrowest folding rail on the market. Get precision, finish and flexibility with easy change folding rail, even for very fine gauge measurements.

Choose a CIDAN F and you choose work satisfaction and productivity in optimal combination.

### The most important advantages:

- ✓ Fast, user friendly and reliable.
- ✓ Adjustable crowning for perfect folding results for any thickness and width.
- ✓ Two folding rails as standard, with 7/10 mm and 15 mm widths.
- ✓ 8–16 gauging fingers depending on model and length required.
- ✓ Choose between two control systems: EasyLink or ProLink W.

	<b>F26</b>	<b>F32</b>	<b>F41</b>
<b>Working length</b>	2600 mm (102")	3200 mm (126")	4100 mm (161")
<b>Steel, max sheet thickness*</b>	1.75 mm (15 ga)	1.50 mm (16 ga)	1.25 mm (22 ga)
<b>Stainless steel, max sheet thickness**</b>	1.1 mm (19 ga)	0.9 mm (20 ga)	0.8 mm (22 ga)
<b>Aluminum, max sheet thickness***</b>	2.6 mm (0.102")	2.2 mm (0.087")	2.0 mm (0.078")
<small>Tensile strength* **400 N/mm<sup>2</sup> **600 N/mm<sup>2</sup> ***200 N/mm<sup>2</sup></small>			



## As multifaceted as your profile.

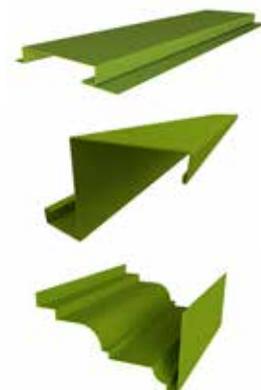
**CIDAN FORMA** metal folder reflects decades of experience and development in technology and design. FORMA is a “cross-over” capable of handling requirements from small series production to proper subcontracting. It offers speedy production, easy ergonomics, strong construction, quick tool changes, and simplicity in programming. The FORMA metal folder is equipped with Combi beam as standard and can be equipped with Multifold as an option.

FORMA has a robust construction for decades of trouble-free operating. Dual drive of the upper beam together with a new CLS locking solution that holds the clamping position creating high clamping pressure resulting in precise folding. There is a wide choice of tools and together with us you can design your own tool setup to fit your production perfectly. Simplicity in programming and quick tool changes reduce set up time to a minimum for maximum efficiency and flexibility.

The FORMA control panel can be rotated for optimal viewing and the screen can be turned to the gauging side of the machine when folding large details, for better ergonomics and greater efficiency.

### The most important advantages:

- ✓ Stable construction.
- ✓ Programmable sheet thickness settings.
- ✓ Choose between three different heights for box tooling.
- ✓ C-tool for deeper profiles.
- ✓ Large selection of rails and tools.
- ✓ Combi beam as standard, Multifold as option.



	<b>FORMA 31 Combi/Multifold</b>	<b>FORMA 41 Combi/Multifold</b>
<b>Working length</b>	3100 mm (122")	4100 mm (161")
<b>Steel, max sheet thickness*</b>	3 mm (11 ga)	2.5 mm (12 ga)
<b>Stainless steel, max sheet thickness**</b>	1.9 mm (14 ga)	1.6 mm (16 ga)
<b>Aluminum, max sheet thickness***</b>	4.5 mm (0.177")	3.7 mm (0.146")

Tensile strength \*400 N/mm<sup>2</sup> \*\*600 N/mm<sup>2</sup> \*\*\*200 N/mm<sup>2</sup>



## The hardest grip.

**CIDAN FS/FX** is the most powerful metal folder in its class – strong, exact and almost impossible to wear out. With welded sides, clamping beam with eccentric drive and extra strong lower beam this machine is optimized for the highest levels of productivity, low maintenance costs and problem-free running, year in and year out.

The straight rail is divided into 3–5 segments for quick and easy changing as well as lower damage replacement costs. The machine has three different folding rail widths to choose from and keyhole locking for fast rail changes.

The FX offers 125mm high box tooling with fast locking. The opening height is 150mm whether box tooling or straight rail. With box tooling you gain more free space and can fold profiles with very fine measurements. Changing from straight rail to box tooling takes only 6.3 seconds.

Combine FS/FX with the ProLink W control system for exact control, better overview, easier program storage and faster operating. You can even generate folding sequences, collision control, easily managed material tables, tool memory and many more exclusive functions. CIDAN FS/FX gives you an unrivalled combination of raw strength and flexibility. Looking for a machine with adjustable bending center and sheet thickness adjustment through the ProLink control – choose FX PLUS!

### The most important advantages:

- ✓ Stable and well-balanced construction.
- ✓ Box tooling with fast locking, easy to reposition.
- ✓ Generous recesses in beams.
- ✓ Smart positioning of extra folding rail.
- ✓ Quick changeovers.
- ✓ Foot switch with three pedals and moveable foot switch on rail are important safety features.
- ✓ Easy to maintain.

	<b>FS26/FX26</b>	<b>FS32/FX32</b>	<b>FX41</b>
<b>Working length</b>	2600 mm (102 ")	3200 mm (126")	4100 mm (161")
<b>Steel, max sheet thickness*</b>	2.5 mm (13 ga)	2 mm (14 ga)	2 mm (14 ga)
<b>Stainless steel, max sheet thickness**</b>	1.6mm (16 ga)	1.2 mm (18 ga)	1.2 mm (18 ga)
<b>Aluminum, max sheet thickness***</b>	3.7 mm (0.146")	3 mm (0.125")	3 mm (0.125")

Tensile strength \*400 N/mm<sup>2</sup> \*\*600 N/mm<sup>2</sup> \*\*\*200 N/mm<sup>2</sup>



The illustration shows clearly the radius difference. With fixed bending center (left) the radius is uneven and the material unevenly distributed. With adjustable bending center (right) the radius is even and the material shows less "stress".

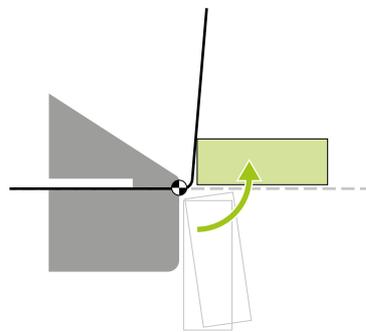
## Perfect radius with adjustable bending center.

The innovation **adjustable bending center** is available on our Z-machines and FX PLUS and guarantees top results – our goal of perfect bending results is now a reality. With adjustable bending center, the bending beam moves at a constant distance to the nose of the radius beam throughout the whole bending movement. Choose material and thickness from the material table in ProLink and the position of the bending beam will adjust automatically. Set the radius rail you want to use and the control system will create the correct bending parameters. The result is perfect radius without causing material stress whatever the thickness, a perfect finish and an almost unsurpassed precision in angles and measurements.

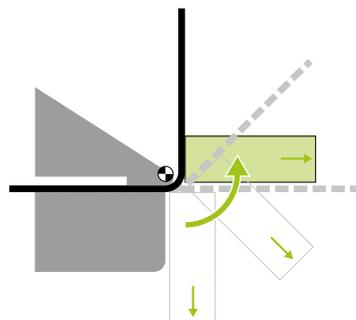
### The most important advantages:

- ✓ Perfect bending radius without shearing for all thicknesses.
- ✓ No risk of cracking or paint damage.
- ✓ Lower machine load.

### Straight rail

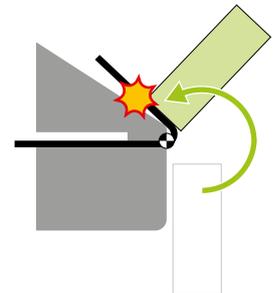


With fixed bending center and thin material. Good flexibility for angle and moderate stress on machine and material.

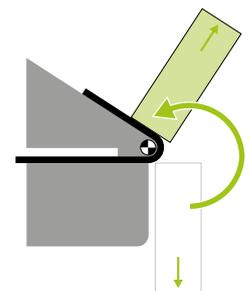


With adjustable bending center the bending beam follows the material and achieves correct angles and an even radius even with increasing material thickness.

### Radius rail



With fixed bending center the angle error is greater and clear risk that bending rail and radius rail will collide leading to major machine wear or breakdown.



With adjustable bending center the bending beam follows the radius rail perfectly. The radius is even and the risk of cracking or paint damage is minimal.

# Save time, money and the environment with our control systems.



**EasyLink** is a complete and user-friendly control system for quick and easy programming. EasyLink can store 1000 profiles each with 99 steps. In every program step, the angle, gauge dimension, opening height, clamping pressure and hem pressure can be programmed. Some of the special functions available

with EasyLink are copying programs, incremental dimensioning, and radius folding. From the easy-to-read touch screen the operator gets clear messages about the programming and operation. The touch screen panel is mounted on a rotating bracket, so that the operator can see it clearly through every step.

LINE	ANGLE	DIMENSION	STATUS
1	140.0°	10.0	▶
2	0.0°	178.0	▶
3	45.0°	167.0	↓
4	90.0°	142.0	↓
5	30.0°	127.0	↓
6	90.0°	110.0	↓
7	90.0°	98.0	↓
8	60.0°	85.0	↓
9	40.0°	40.0	↓

With EasyLink you have all the information on the screen at once. You see all nine program lines and the folding process is easy to control.



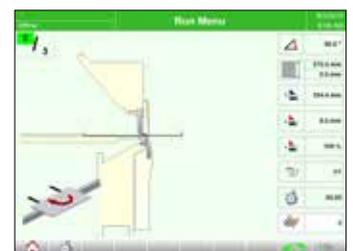
With **ProLink W** you can get precise and fast control of your metal folder. You can choose between using a stored profile, drawing your own custom profile or entering your measurements with classic line-by-line

programming. ProLink W suggests optimal folding sequences, detects collisions, calculates cut size and gives you all the data you need for folding. The program has a built-in material library that calculates machine parameters from material qualities, sheet thickness and length of finished part. You have an excellent overview of the folding process from the screen where you are presented with all the necessary instructions for a successful result. Every program saves the tool setup you have chosen, which means that the next operator can easily pick up where you left off.

ProLink W is Windows based and can be linked up to your network. You can also import programs via a QR code reader. From Production you can import dimensioned profiles directly into the system and you can also import dxf-files to create folding programs.



It's easy to draw your own custom profile, enter dimensions, choose angles and enter values for radius folding.



The operator follows the sequence on the screen and receives instructions for the following stages.



CIDAN

85 mm

3.34"

11x12 mm 2.1 kg  
1.9018-05

# You'll find us wherever we are needed

The **CIDAN Machinery Group** markets CIDAN, Forstner and nuIT. Our products are sold direct and through dealers and agents in more than 30 countries. For over 110 years CIDAN Machinery has been making sheet metal machinery and today we offer a wide range of solutions and products for the sheet metal, construction and manufacturing industries. All CIDAN machines are

made in the CIDAN Machinery factory in Sweden. Machines for professional processing of coils are made in Austria by CIDAN Machinery Austria GmbH, formerly known as Forstner GmbH, with over 60 years of experience. All our machines are based on our own innovative solutions and patents. Our goal is to offer flexible, easy-to-use machinery of the highest quality.



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