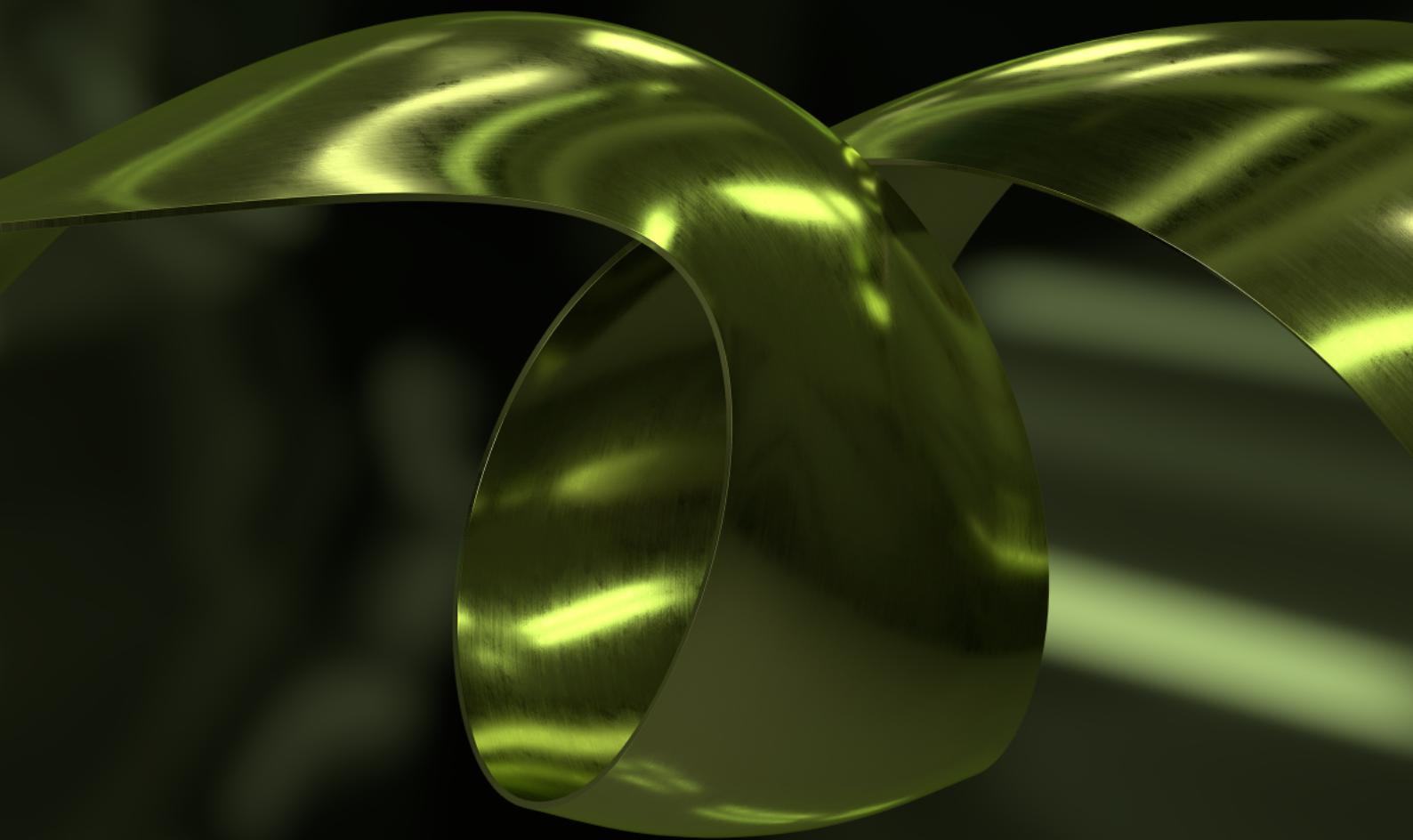


RELIABLE AND INNOVATIVE SHEET METAL MACHINERY



CIDAN
MACHINERY GROUP



THE BEST SOFTWARE FOR THE SHEET METAL PROCESSING

nuIT – software is a tool for the sheet metal industry designed by Sheet Metal Workers and constructed by a shop owner. nuIT is an order processing and production management platform designed to streamline all aspects, from order placement and entry to process control in your shop.

nuIT allows your customers or sales team to order custom/standard flashing, panels, and accessories from the field and submit them to you for production. The data is available immediately, in real-time, at the office within your production stage, and will auto-generate branded PDFs for you as well. The profile can also be sent directly to the production machine. nuIT is a way to transform your shop into the most efficient instantly and state-of-the-art, fully integrated smart factory!



METAL FOLDERS

CIDAN offers a wide range of folders for the Architectural and Metal Building customer's application.

We provide high-performance, automated metal folding solutions for companies looking to reduce costs with an environmentally friendly approach. Our machines are electromechanical, do not use oil, and use power only when operating – thus reducing maintenance and electricity costs.

IMPORTANT ADVANTAGES

- ✓ Adjustable crowning for accurate forming of all material thicknesses and types
- ✓ Solid Lower Beam - No dimples when hemming aluminum, copper or zinc
- ✓ Bayonet Folding Blade – remove the folding blade quickly
- ✓ Rotate part on backgauge – All our fingers dropdown.
- ✓ CNC adjust for upper beam material thickness
- ✓ 18.5" Prolink Graphic Control – intuitive
- ✓ Choose between X-tap or X-space

MANUAL BRAKE



MANUAL
AND EASY
TO USE

CIDAN MFB

CIDAN MFB is a manual and easy to use folding machine. The small size and light weight mean that it can be taken everywhere. Fold parts directly in your construction vehicle or at the building site where the parts will be installed. We use the same quality level on the tooling for this folder as we do on our flagship machines and have done since over a hundred years in this business.

THE MOST IMPORTANT ADVANTAGES:

- Simplicity with CIDANs quick-change tooling
- Perfect for small and one-off jobs
- No set-up times
- Robust construction for stability
- Great precision and folding results
- Bring it with you and use it anywhere

↔ CIDAN MFB: 50" (1270 mm) ↔ Mild steel: 16 ga (1.5 mm)
Stainless steel: 20 ga (1.0 mm)
Aluminium: 0.088" (2.25 mm)

METAL FOLDER



CIDAN F32

CIDAN's highest volume machine for customers forming metal trim. Closed tear drop hems on 24 ga mild steel. Standard 40" backgauge and able to form 2 splice plates at same time, Plus 3 Folding blade widths of .276" (7 mm), .396" (10 mm), .787" (20 mm).

OPTIONAL:

- .060" (1.5 mm) radius nose for grade 80 material (high tensile)
- CNC taper gauging great for gutters and copings
- Xspace Folding Beam great for hat channel and high slope drip edge
- 60" backgauge

↔ CIDAN F32: 126" (3200 mm) ↔ Mild steel: 16 ga (1.5 mm)
Stainless steel: 20 ga (0.9 mm)
Aluminium: 0.087" (2.2 mm)

METAL FOLDER



CIDAN FS32 AND FS41

Customer's wanting to form 14 ga or 1/8" Aluminum then our FS series is your machine. Closed tear drop hems on 24 ga mild steel. Standard 40" backgauge and able to form 2 splice plates at same time, Plus 3 Folding blade widths: FS32 - .276" (7 mm), .396" (10 mm), .787" (20 mm) FS41 .396" (10 mm), .596" (15 mm), .787" (20 mm)

OPTIONAL:

- .060" (1.5mm) radius nose for grade E material (high tensile)
- CNC taper gauging great for gutters and copings
- Xspace Folding Beam great for hat channel and high slope drip edge
- 60" backgauge

↔ FS32: 126" (3200 mm) ↔ Mild steel: 14 ga (2.0 mm)
Stainless steel: 18 ga (1.2 mm)
Aluminium: 0.125" (3.0 mm)
↔ FS41: 161" (4100 mm) ↔ Mild steel: 14 ga (2.0 mm)
Stainless steel: 18 ga (1.2 mm)
Aluminium: 0.125" (3.0 mm)

METAL FOLDER



CIDAN FX32 AND FX41 COMBI

All the advantages of FS series folders, but with Combi Beam. CIDAN invented and patented the rotating Combi Beam back in 1987, which is known for fast automatic tool change. The Combi Beam adds flexibility to form vented ridge caps, deep channels or 4 sided panels. Standard, with quick change 4.92" (125 mm) high divided tooling and backgauge 60" with XTAPER standard.

OPTIONAL:

- .060" (1.5 mm) radius nose for grade E material (high tensile)
- XSPACE Folding Beam great for hat channel and high slope drip edge
- L or T shape backgauges of 129.9" (3200 mm) or 169" (4300 mm) NOTE: cannot use with XTAPER
- FX Plus – CNC adjustment of bending center and folding beam.

↔ FX32: 126" (3200 mm) ↔ Mild steel: 14 ga (2.0 mm)
Stainless steel: 18 ga (1.2 mm)
Aluminium: 0.125" (3.0 mm)
↔ FX41: 161" (4100 mm) ↔ Mild steel: 14 ga (2.0 mm)
Stainless steel: 18 ga (1.2 mm)
Aluminium: 0.125" (3.0 mm)

METAL FOLDER



CIDAN FORMA 32 AND FORMA 41

Greater flexibility from the FX series, the FORMA has high forming capacity, 21" Prolink screen, CNC adjustment of folding beam and 4.92" (125 mm) quick change high divided tooling. Customers wanting to step into job shop type work, the FORMA is perfect application.

OPTIONAL:

- L shape backgauges of 129.9" (3200mm) or 169" (4300mm)
- Higher tooling 5.9" (150mm) or 7.9" (200mm)
- Multifold System – segmented lower beam and folding beam tooling
- CNC Height Adjustable Backgauge

↔ FORMA32: 126" (3200 mm) ↔ Mild steel: 11 ga (3.0 mm)
Stainless steel: 14 ga (1.9 mm)
Aluminium: 0.177" (4.5 mm)
↔ FORMA41: 161" (4100 mm) ↔ Mild steel: 12 ga (2.5 mm)
Stainless steel: 16 ga (1.6 mm)
Aluminium: 0.146" (3.7 mm)

LONG FOLDERS

Thalmann invented the 1st long folder in 1960. Many patents allow Thalmann to lead the market in innovation and technology with proven performance.

With a wide range of machines up to 59.7" (18.2 m) in length and a bending capacity for 11ga (3 mm)-thick steel, the Thalmann 7-axis Double Folder series has been tailor-made to customer requirements in the sheet metal industry.

IMPORTANT ADVANTAGES

- ✓ Synchronized drive with 5000 increment encoders ensure accurate clamping and forming
- ✓ 49.2 (1250 mm) backgauge with each gauge servo driven
- ✓ Zero-point locking on upper beam
- ✓ 35 degree upper beam
- ✓ Front free space in front of the machine for forming complicated architectural shapes
- ✓ Adjustable crowning – to be able to achieve correct bending, both in thin material and in thick material.

LONG FOLDER



THALMANN TZ

TZ series utilizes Vertical Force Drive (VFD) for excellent clamping force when wanting closed hems, plus the drive shaft with encoder allows perfect open hems. Folding beam is kicked back 15 degrees to allow 10:12 pitch standing seam drip edge. Grade 80 material, no problem forming since TZ parabolically forms a radius for hard material.

THE MOST IMPORTANT ADVANTAGES:

- Curved upper beam – 1x2 J or F/J Channel
- CNC tapered backgauge
- Small parts backgauge
- Electric slitter
- Hardox (hardened) Clamping and Lower Beam

THALMANN TZ: 13' (4m) - 40' (12,2m)	Mild steel: 29 ga (0.37 mm) - 11 ga (3 mm)
	Stainless steel: 29 ga (0.37 mm) - 14 ga (2 mm)
	Aluminium: 0.30" (0.76 mm) - 3/16" (4 mm)

DOUBLE FOLDER



THALMANN TD

TD Double Folder has Dynamic Folding Technology (DTF) for all 6 synchronized drive shafts allows forming accurate parts fast. 35 degree upper beam, curved lower beam and offset folding beam enables large free space for forming many complicated parts. Automation can be added the life of the machine.

THE MOST IMPORTANT ADVANTAGES:

- Hardox (hardened) Clamping and Lower Beam
- Curved Lower Beam
- Double Pump – 25% faster
- Spring Steel Fingers and extra grippers
- Multiple gripper zones
- Vertical and horizontal hemming devices
- Automatic Side sheet loading, part flipper, and unloading.

THALMANN TD: 13' (4m) - 40' (12,2m)	Mild steel: 29 ga (0.37 mm) - 12 ga (2,5 mm)
	Stainless steel: 29 ga (0.37 mm) - 16 ga (1,5 mm)
	Aluminium: 0.30" (0.76 mm) - 125" (3 mm)

DOUBLE FOLDER



THALMANN TC

TC Double Folder we call "Big Mamma" Dynamic Folding Technolog (DTF) is standard on TC. Strong Pro automatic grippers allow to form custom C/Z purlins all day long. New profile design will enable you to form many parts that on the TD Double Folder.

THE MOST IMPORTANT ADVANTAGES:

- 28" (710 mm) Automatic Extendable front sheet loading
- Hardox on all upper, lower and folding beams
- Spring Steel Fingers and extra grippers
- Multiple gripper zones
- Electric Slitter
- Automatic Side sheet loading, part flipper

THALMANN TC: 13' (4m) - 40' (12,2m)	Mild steel: 29 ga (0.37 mm) - 11 ga (3 mm)
	Stainless steel: 29 ga (0.37 mm) - 14 ga (2 mm)
	Aluminium: 0.30" (0.76 mm) - 3/16" (4 mm)

AUTOMATED TD DOUBLE FOLDER

BENEFITS:

- ✓ DOUBLE PUMP 25% FASTER
- ✓ AUTOMATIC SIDE PART LOADER
- ✓ AUTOMATIC PART FLIPPER
- ✓ AUTOMATIC PART UNLOADER



AUTOMATION



THE BASE BENDING AND SLITTING ENGINE

The first fully automated and highly flexible production line of its kind worldwide. From coil to the finished flashing in one linked process chain. In combination with the nuIT software, this line can increase your metal shop efficiency in a never seen way.

THE BASE: 244" (6200 mm) - 317" (8050 mm)	Mild steel: 30 ga (0.40 mm) - 20 ga (1.0 mm)
	Stainless steel: 28 ga (0.40 mm) - 24 ga (0.85 mm)
	Aluminium: 0.0157" (0.40 mm) - 0.008" (1.20 mm)

**INCREASE
YOUR
METAL SHOP
EFFICIENCY**

COIL PROCESSING

Forstner started producing coil processing equipment in 1968 leading the sheet metal industry with precision slitting and cut-to-length systems.

CIDAN Machinery provides many of its cutting-edge features as standard – straightening units, sheet guide for in-feeds, guillotine shears with hold-down beam and double-edged blades, feeding units, foot pedals for remote feeding, and many more.

IMPORTANT ADVANTAGES

- ✓ Increase your productivity and your profits
- ✓ Free up floor space with coil processing
- ✓ You can easily process coils from 1100 lbs up to 7.8 tons. Fewer changeovers, less waste and a more efficient process
- ✓ With a slit and cut-to-length line your production you will no longer need to cut strips in the guillotine shears

COIL PROCESSING



FORSTNER SLIT CUT/PRO

SLIT CUT has 5 slitting knives and rotary cut-to-length, while SLIT PRO is same, but with guillotine shear for cut-to-length. Because of the cap-lock slitting knife design, 5 knives can be positioned in less than 45 seconds. Fully rubberized pinch roller comes in handy when applying film to the surface. Standard speed of 85 FPM (25 mpm)

OPTIONAL:

- Extra slitting knives and stripper rings
- Film Applicator
- Speeds 115FPM (35mpm) or 145FPM (45mpm)
- Self-leveling outfeed material tables

←→ **SLIT:** 50" (1250 mm) 59" (1500 mm)  29 ga (0.37 mm) - 16 ga (1.5 mm)

COIL PROCESSING



FORSTNER COMPACT CUT/PRO

COMPACT PRO has all advantages of SLIT PRO, but with 6 roll powered straightening. If you need flat sheets up to 16 ga (1.25 mm), then 6-roll straightening will remove coil set.

ALL SLIT PRO OPTIONS PLUS:

- Access Table – adjust slitting knives without moving outfeed table
- Hard Chrome on straightening rollers
- Sensitive material mode – no dwell marks on aluminum, zinc or copper during straightening

←→ **COMPACT:** 50" (1250 mm) 59" (1500 mm)  29 ga (0.37 mm) - 16 ga (1.5 mm)

COIL PROCESSING



FORSTNER POWER COMPACT CUT/PRO

Power stands for 6 CNC adjustable 4.33" diameter powered straightening rollers. Able to perform 5 slits of 14 ga (2 mm), plus give you flat blanks. Sensitive material mode is standard.

ALL COMPACT PRO OPTIONS PLUS:

- Lift table support – easier loading
- Flatness measuring device
- Sensitive infeed roller guides

←→ **POWER:** 50" (1250 mm) 59" (1500 mm)  29 ga (0.37 mm) - 14 ga (2.0 mm)

AUTOMATIC SLITTING KNIFE - COIL PROCESSING



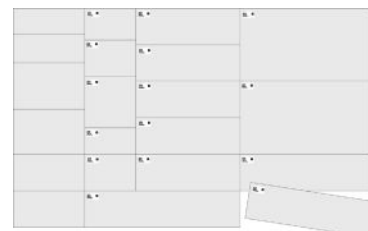
FORSTNER nuSLIT

Eliminate operator error with programmable slitting knives. Unique offset of slitting knives minimizes twist on narrow 4" blanks. 5 slitting knives standard with auto positioning less than 1 minute and automatic blade gap setting ensures long life between sharpening

OPTIONAL:

- Programmable roller shear for step cutting
- Automatic label printer
- Automatic Straightening with sensitive material mode
- Extra knife holder and blade, up to 9 total slitting knives

←→ **NUSLIT:** 50" (1250 mm)  29 ga (0.37 mm) - 20 ga (1.0 mm)



With PROCUT (roller shears with step-cut) and nuIT as options, the system calculates how the sheet is to be cut for optimal material utilization least possible waste. You can also get your cut materials of varying lengths, provided with labels.

LET THE LATEST TECHNOLOGY WORK FOR YOU!



Start with nuEVOLUTION, and create your orders in highest precision directly from wherever you want. Draw and order metal trims along with supplies and articles directly at the construction site.

ROLLFORMING

CIDAN Machinery designed the highest quality, efficient, and cost-effective rollformer series on the market.

IMPORTANT ADVANTAGES

- ✓ High efficiency
- ✓ High precision
- ✓ High speed production

SMART SHEET METAL SOLUTIONS

The unique CIDAN software nuEvolution streamlines all your process and order management and there is a version for every size of business, from a one-man-shop to the biggest publicly listed companies.

IMPORTANT ADVANTAGES

- ✓ Developed by practitioners for practitioners.
- ✓ Mobile and easy creation of metal trims; no matter when, no matter where.
- ✓ Networking of various machines and simple creation and transmission of production data.

ROLLFORMING



CIDAN IN-PLANT ROLLFORMER

QZ36 series comes in single or double high rollformers. Designed with 3.86" solid keyed shafts on swivel bearings. The AG panel comes with 22 stations, PBR with 20, 7/8" corrugated panel with 28 and PBU with 23 stations. Rollformers come with both precut for no waste and 4-post cut-to-length for burr free panels. Standard speed of 145 FPM.

BENEFITS:

- Infeed has hardened roller bearing guides that ensures the material guides perfectly into the roll stations.
- Front Rotary Cut allows the customer to cut back on wasted material.
- 22 Tool Stations help form the Profile Panel.
- The encoder features a wheel that sits on top of the panel passing through the machine. The tension spring allows constant contact of the encoder with the coil for consistent and accurate lengths.

ROLLFORMING



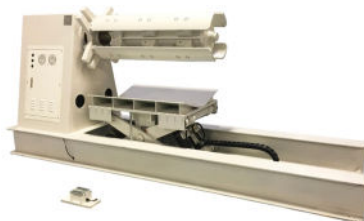
CIDAN TRIM ROLLFORMER

CIDAN trim rollformers are stand alone machines, so you can have multiple trims running at same time, rather than one trim being rolled at a time. Send your profile and we can offer both coil feed or blank feed.

BENEFITS:

- Creates capacity on existing folders
- Enables customer to produce longer lengths
- All Electric drive
- Hardened roller infeed guides
- 2.75" (70 mm) solid, keyed shafts
- Sealed Swivel bearings

DECOILER



CIDAN QXS16 DECOILER

CIDAN Decoilers are powered electronically with a frequency drive to perform fast 145 FPM (45 mpm) decoiling. Coil cart helps eliminate conning of coils quick load and unload with help of wireless pendant. Ultra sonic loop control gives fast loop response without damaging coil. Optional presser arm when decoiling 18 ga (1.25 mm) or heavier.

↔ QXS16: 50" & 60" (1250 & 1530 mm)
CAPACITY: 16,000lb (8ton)



CIDAN COIL UP ENDER

This machine tips your coils for safe storage, protection from damage, and preventing "egging" of the coil shape.

RECOILER



FORSTNER RC RECOILER

Want to make your own standing seam coils, the RC Recoiler can be added to any slit and cut-to-length system at any time. Standard with 5 slits of 20 ga or optional heavier, 5 slits of 16 ga.

OPTIONAL:

- Both 16" and 20" mandrel
- Coil cart and coil tipper
- Scrap rewinder
- Rotary crosscut after tensioner
- Hydraulic pusher arm, hold down, guide arms and powered mandrel expansion
- Sheet roller guide during infeed

↔ RC RECOILER: 50" & 60" (1250 & 1530 mm)

ROLLFORMING



PORTABLE ROLLFORMER

Portable rollformer can be ran on trailer gas generated or in your shop powered by 220V. 14 different standing seam profiles can be rollformed. Center rubber pinch-roller drive system helps eliminate wave in panel. You can add sealant pump and 6 different bead rollers.

BENEFITS:

- Polyurethane Drive Rollers
- Powder-Coated Frame & Covers
- Length Control Limit Switch
- 100-Foot, 10 Gauge, 20 Amp Extension Cord
- Waterproof NEMA 4 Electrical System
- Forward Pulling, Easy Cut Shear
- One Expandable Arbor / Reel
- Welded Tubular Steel Frame

GUILLOTINE SHEARS

Metal shears from CIDAN Machinery cut steel, sheet metal, and other materials with precision and accuracy. In addition to performing high-quality cuts, CIDAN metal shears are designed to allow for a high number of cuts per minute.

IMPORTANT ADVANTAGES

- ✓ Gearmotors that distribute power & load optimally
- ✓ Low energy consumption
- ✓ Sheet support

CIDAN MACHINERY GROUP IS A WORLDWIDE INDUSTRY-LEADING SOURCE FOR SHEET METAL FOLDERS, BENDING MACHINES AND SOFTWARE.

YOUR
ONE STOP
PARTNER

By being a One-Stop-Partner for the sheet metal processing industry, you as a customer get many great benefits. You only need one contact to choose the market's most comprehensive range of machines and software solutions for sheet metal processing, and have access to a large team that takes care of service and aftermarket support. This is how we help builders and industries around the world to shape tomorrow's world. Like we have done since 1907.

CONTACT US!

We are here for you whenever you want more info about our innovations and how we can help you get more efficient sheet metal handling and processing. cidanmachinery.com

GUILLOTINE SHEARS



CIDAN RAPIDO 32 AND 41

Ergonomic front return shear eliminates congestion layout in your fabrication shop. CNC 39.4" (1000 mm) backgauge with sheet support is standard. Plus speed of 35 cuts per minute, squaring arm, led light, and front sheet support.

OPTIONAL:

- Longer squaring arms
- Pneumatic hold-down for aluminum
- Material wagon
- Rear drop

↔ RAPIDO 32:
126" (3200 mm)

✂ Mild steel: 13 ga (2.5 mm)
Stainless steel: 16 ga (1.5 mm)
Aluminium: 0.145" (3.7 mm)

↔ RAPIDO 41:
161" (4100 mm)

✂ Mild steel: 16 ga (1.5 mm)
Stainless steel: 24 ga (0.6 mm)
Aluminium: 0.08" (2.2 mm)

GUILLOTINE SHEARS



CIDAN RAPIDO SSM 32 AND 41

PREMIER 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. The sheet support is pulled back quickly after, and the material falls gently down onto the moveable material wagon where the sheets are stacked at a speed of up to 35 cuts per minute.

THE MOST IMPORTANT ADVANTAGES:

- No scratches
- No dog-eared corners
- Extra suitable for sensitive materials
- Excellent ergonomics with no lifting

↔ RAPIDO SSM 32:
126" (3200 mm)

✂ Mild steel: 13 ga (2.5 mm)
Stainless steel: 16 ga (1.6 mm)
Aluminium: 0.145" (3.7 mm)

GUILLOTINE SHEARS



CIDAN EVO DUO 32 AND 41

If need for heavier capacity, then double motor drive EVO DUO is perfect. All the advantages of RAPIDO, but with blade gap adjustment, pneumatic hold-down, 39.4" (1 m) backgauge and 60" (1.5 m) squaring arm with 40" (1 m) sheet supports.

OPTIONAL:

- Longer squaring arms
- Material wagon
- Ballcasters on table

↔ EVO DUO 32:
126" (3200 mm)

✂ Mild steel: 9 ga (4.0 mm)
Stainless steel: 14 ga (2.25 mm)
Aluminium: 0.216" (5.5 mm)

↔ EVO DUO 41:
161" (4100 mm)

✂ Mild steel: 14 ga (2.5 mm)
Stainless steel: 18 ga (1.25 mm)
Aluminium: 0.125" (3.0 mm)

THE CIDAN
STACKMASTER FLAT
SHEET STORAGE
GIVES YOU QUICK
ACCESS TO YOUR
SHEET INVENTORY
WITHOUT THE USE
OF A FORKLIFT!

FLAT SHEET STORAGE



CIDAN STACKMASTER

The STACKMASTER comes with up to 30 storage trays enables an operator next to a shear, to perform at high efficiency on short/long run shearing. Load and unloading from the same position or dual side allows you to load from one side and unload from the other. If you want to take blanks from your CTL line, then the option tray removal system is available.

10 trays: 2205 lb/tray or 4409 lb/tray Height: 10.5 ft, 11.9 ft (1000, 2000 kg/tray Height: 3.2, 3.6 m)
15 trays: 2205 lb/tray or 4409 lb/tray Height: 14 ft, 16 ft (1000, 2000 kg/tray Height: 4.2, 4.8 m)
20 trays: 2205 lb/tray or 4409 lb/tray Height: 17 ft (1000 kg/tray Height: 5.2 m)

AVAILABLE
IN MANY
DIFFERENT
MODELS



SHAPING TOMORROW'S WORLD

The look of the modern world took shape in the early 1900s.
The use of metal revolutionized buildings, like bringing us the skyscraper.
We were part of that revolution from the start.

Today we offer intelligent, easy-to-use machines for sheet metal processing
that save materials, time, and the environment.

This is how we help builders and industries around the world to
shape tomorrow's world. Like we have done since 1907.

CIDAN
MACHINERY GROUP

CIDAN FORSTNER  nuIT THALMANN

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Specifications are subject to change without notice