



**KRASSER**<sub>GmbH</sub>

# /CENTURIO /LEGIONNAIRE

SMART COIL PROCESSING SYSTEMS

# INTRODUCING KRASSER

Krasser GmbH and its team constantly strive to make the challenges customers face their own to be able to offer the best possible production solutions. Our patented sheet metal cutting machines (slitting and blanking) and the corresponding automatic coil storage systems have process features that continue to make them unique on the market today.

## WHO WE ARE

KRASSER GmbH is a leading automation company in the field of sheet metal cutting systems and coil handling solutions.

Thanks to our many years of experience with processing sheet metal directly from coils, we at Krasser GmbH have established ourselves as a market leader in the field of sheet metal processing.

Since being founded in 1999, we have always strived to constantly improve our products as well as adapt and adjust them to individual customer requirements. With over 200 Krasser installations in operation worldwide as well as international service and sales partners, we have a strong international presence.



Founded in  
**1999**



**Worldwide**  
sales network



**Specialist** for  
Coil processing  
machinery



**>200**  
installations

# FIELDS OF ACTIVITY

A collegial environment and constant innovations enable motivated and efficient work, allowing the targets and milestones set to be achieved. In addition to committed team members, the perfect network of collaboration partners and suppliers also contributes to success. As a reliable partner, we use our high-quality, fully automated installations to optimize your workflows, therefore increasing production volumes!



01

## New developments and upgrades

New developments and upgrades to fully automated sheet metal cutting installations and coil handling solutions to maintain market leadership in innovation.

02

## Implementation

Design, programming, production, assembly, and commissioning of turnkey sheet metal cutting installations and coil handling solutions.

03

## Service

Via global service and support partners as well as our service and support department, aided by resources from every specialist department in our company.

**Turnkey machine systems for optimal sheet metal coil processing!**



# YOUR RELIABLE PARTNER

- > Long-standing experience and customer proximity
- > Patented machine functions that are unique on the market
- > High-quality product solutions
- > International, competent service and sales partners
- > Best possible production solutions
- > Worldwide availability
- > Flexible, motivated, and uncomplicated workflows
- > Constant, innovative upgrades

Patented machine systems that we ourselves have developed are your guarantee for high-quality production solutions Made in Austria. Numerous customers from all over the world have benefited from this. Cost efficiency, the fastest possible delivery times, and high machine availability are our customers' paradigms. We supply the corresponding solutions for these requirements.

As a reliable partner, we use our high-quality, fully automated installations to optimize work-flows, therefore increasing production volumes.

With our worldwide distributors and collaboration partners, we form a competent team for customer satisfaction, flexibility, and innovations.



Roofers



Hall / Facade  
Specialists



Sheet Metal  
Cutting Center



Industry

HVAC, Heating technology, Ventilation  
technology, automobile technology,  
lighting technology etc.





Flexible and solution-oriented, a highly motivated team, as well as expertise gleaned from the numerous successfully concluded projects are our strengths, which we place at your disposal.



Mechanical Assembly  
Service & Support  
Mechanical Design  
Machining  
Supply Chain Management



## TURNKEY PROVIDER - EVERYTHING FROM A SINGLE SOURCE!

Since all resources are in-house, such as design, manufacturing, assembly, software, and service & support, we are an efficient and independent partner. Our organization is designed for rapid action and straightforward workflows. As an up-and-coming company, we offer a wide range of career options.



### Design

Standard solutions or customer-specific requirements are efficiently implemented by our design team using 2D and 3D CAD systems.



### Assembly & Commissioning

Thanks to tried-and-tested machine groups and our experienced assembly & commissioning technicians, these operations are carried out rapidly and effectively.





## Programming

Electrical Design

Electrical Assembly

Project Management

We are  
**100%**  
committed to  
our customers



## Production

Our in-house manufacturing and a network of manufacturing partners guarantee the high quality of complex components.



## Programming

Simple and intuitive operation of complex machines with efficient logging and analysis options. Connectivity via an interface that connects to peripheral devices and/or order management software.



## Innovations

Thanks to our proximity to customers and long-standing experience in this special field of expertise, we are able to understand market demand and implement it in the form of machine innovations.



## Service & Support

Via our structured service & support portal, our service team is able to provide you with assistance as quickly as possible in the case of inquiries.



# MACHINE TYPE COMPARISON



## LEGIONNAIRE

## TECHNICO

1,250 mm (49")

1,000 mm (39") (opt. 400 mm (16"))

0.4 - 1.00 mm (27 - 20ga)

0.4 - 0.8 mm (28 - 22ga)

0.5 - 1.25 mm (24 - 16ga)

60 mm (2.4")

3 straightening rollers, swiveling

30 m/min (100ft/min)

Class „m" DIN/ISO 2768 ( $\pm 0.8$  mm/m) ( $\pm 1/100$ "/ft)

0 - 0.3 mm (0-0.012")

Using up to 8 rotary shears

Using guillotine shear

manuel

-

6 - 14 possible (or 0)

2.5 min (storage position 1 - 6)

2,000 kg (4,410 pounds)

900 mm (35")

420 - 520 mm (17" - 22") (opt. 600(24"))

3PH 400-488 V AC/PE - 27kW/32A

100 l/min 6 bar

Maximum

Minimum

Sheet thickness for st

Sheet thickness for stainle

Sheet thickness for alumin

Minimum sheet m

Straightening unit (aut

Maximum cu

Cutting a

Cutting gap

Longitudinal

Transverse c

Film app

Label

Coil storag

Coil chan

Maximum c

Maximum outer

Spread range

Power s

Compres



## TECHNICAL DATA

Coil width  
Coil width  
Steel up to 400 N/mm<sup>2</sup>  
Stainless steel up to 550 N/mm<sup>2</sup>  
Aluminum (AlMg3) and copper  
Metal cutting width  
Automatic, progressive)  
Cutting speed  
Accuracy  
Adjustment  
Cut (slitting)  
Cut (blanking)  
Application  
Lifting  
Feeding stations  
Change time  
Coil weight  
Diameter of coil  
Distance of coil axes  
Power supply  
Compressed air

## CENTURIO

1,250 mm / 1,500 mm (49"/60")  
700 mm (27.5") for 1,250 mm (49") /  
850 mm (33.5") for 1,500 mm (60")  
0.4 -1.5 mm (27-16 ga)

0.4-1mm (28-20 ga)

0.5-1.8mm (24-13ga)/2mm (14ga)

75 mm (3")

5 or 7 straightening rollers

35 m/min (115ft/min)

Class „m“ DIN/ISO 2768 (± 0.8 mm/m) (± 1/100"/ft)

0 - 0.3 mm (0-0.012")

Using up to 8 rotary shears (slitting knives)

Using guillotine shear (opt. rotary shear)

manual / automatic 1-3 film rolls

as option

Unlimited

2 min. (storage position 1-4)

5,000 kg (11,000 pounds)

1,100 mm (43")

450-580 mm (18"-22.5") (opt. 650 mm (25"))

3PH 400-488 V AC/N/PE- 27kW/32A

150 l/min 6 bar





# CENTURIO

## Fully automated metal strip processing as the perfect all-in-one solution for your production.

With the flexible CENTURIO machine systems, a wide range of different tasks can be completed in a very short time — while also incurring the lowest possible costs. CENTURIO is the all-in-one solution which combines a careful storage of the coils with the precise and labor-efficient cutting of metal strips. Slitting is performed using 5 pairs of shearing blades (upgradable to 8), and blanking is performed using guillotine shear or optional using rotary shear. Blade positioning is performed fully automatically with material-specific cutting parameters such as insertion depth and cutting gap. This contributes to improving the quality and the measurement accuracy of sheet metal cuts.

Numerous additional functional options also allow the system to be used for a wide range of possible applications. The system can be used as a standalone system or fully automated, with or without a coil storage system. It makes it possible to perform further processing on metal plates or strips, from single-lane coil storage units to multi-lane coil storage systems. The tried-and-tested CENTURIO machine system has a modular design and can easily be expanded. The fully automatic coil replacement takes place in less than 2 minutes from cut to cut — ergonomically, safely, and damage-free! Short production turnover times thanks to rapid changeover times and the design of the installation for 24/7 operation increase your production throughput and shorten your delivery times.

Furthermore, it can also be directly connected to or integrated into automated downstream machines such as rollformers, profiling machines, sheet metal bending machines, sheet plate storage systems, re-coilers, laser processing machines, or punching machines.

The length, width, material type, and number of units are entered either directly via the machine display or via a web application interface.









# CENTURIO SYSTEM FEATURES

## Straightening function

The straightening of the sheets with 5- or 7-roll straightening units takes place using progressively controlled straightening rollers and allows for the best possible result.

+ High-quality straightening function



## Transverse cutting

Transverse cutting takes place automatically to the exact length of the metal strip using beam or rotary transverse shear. Rotary shears can be used to make partial cuts.

+ Dimensionally accurate and partial cuts also possible



## Machine operation

Machine operation is straightforward and easy to understand and takes place via one or optionally multiple displays on the installation. An intuitive machine guide in selectable languages makes it easy to operate the machine.

+ Straightforward and easy



## Automatic blade adjustment

The fully automated blade positioning of the maximum of 8 pairs of rotary shears allows for the fastest possible execution of a wide range of cuts with the highest level of quality. The metal strip is cut accurately into longitudinal strips.

+ Rapid, ergonomic, and dimensionally accurate



## Robust

The CENTURIO machine system is designed to be robust and for 24/7 operation.

+ Reliable



## Film application

The application of films can be performed semi- or fully automatically for 1-3 films and provides the sheet surface with better protection.

+ Optimum protection



## Standalone or with coil storage unit

The CENTURIO can be configured to work in plate mode, coil mode, or storage mode, therefore making it suitable for all application needs.

+ Flexible range of applications



## Docking station

The automated docking station allows for automated coil changes and for process integration into a wide range of downstream machines.

+ Flexible process integration



### Small coil processing

In small coil mode, small coils with a weight of up to 250 kg can be processed as an alternative to fully automated cutting directly from large coils. This allows even leftover coil material and special requests to be processed easily and efficiently with all the advantages of the fully automated CENTURIO cutting machine. **+ Flexible**



### Safety

Safety is guaranteed by a safety fence around the entire installation. The entrances in the protective mesh are outfitted and monitored with door opening sensors; this allows us to guarantee the highest level of safety. Even coil changes during automatic operation are optionally possible. **+ Safe**



### Automatic coil change

The sheets are adjusted fully automatically and make it unnecessary to perform dangerous and unergonomic manual interventions during a coil change. Within a maximum of 2 minutes, the coils are automatically conveyed from a storage mechanism with 1 to 5 lanes to the cutting installation. **+ Rapid and flexible production**



### Automatic coil storage unit

The coil storage unit can be optimally adapted to the corresponding needs, as it can be expanded at will. Storing the coils in the storage system prevents any possible damage to the material. The automatic coil storage unit can supply multiple process installations with sheet metal coils. **+ Flexibly expandable**



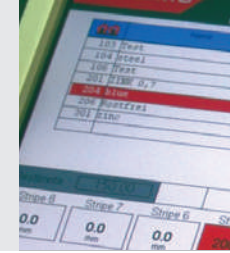
### Coil storage database

A wide range of different sheet metal materials can be easily and clearly managed using the material database for the storage stations. **+ Practical and quick**



### Automatic cutting parameters

The CENTURIO system allows for the assignment of material-specific cutting parameters such as cutting depth, cutting gap, coil alignment forces, and straightening roller parameters. The automated configuration of the saved cutting parameters ensures the highest sheet cutting quality. **+ Excellent cutting quality**



### Automatic coil storage system

The coils are transported fully automatically to the sheet cutting machine and the end of the coil is fed into the cutting machine using a patented mechanism which ensures absolute protection for the material surface and does not require any manual handling. **+ Safe, damage-free, and ergonomic**



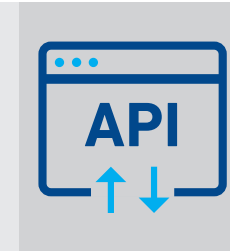
### Labeling

The automated labeling procedure attaches important information to the individual metal strips to facilitate further handling of the cut sheets in the process. The flexibly configurable labels can contain codes, order numbers, addresses, logos, sheet dimensions, and additional information. **+ Clear, interlinked process**



### API interface

The API interface ensures optimal communication with peripheral devices and external software solutions such as cut optimization systems and similar installations. The API interface also makes remote access for maintenance possible. **+ Connectivity**



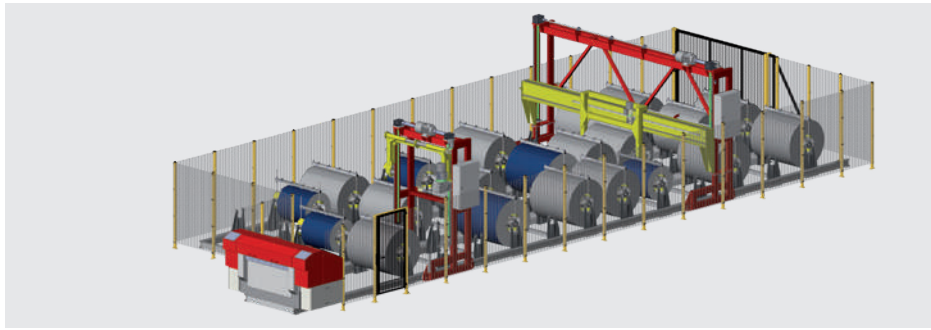


The image shows a large industrial facility with a high ceiling and yellow structural beams. In the foreground, a red overhead crane is visible. Behind it, a yellow CENTURIO coil storage system is partially visible, featuring a safety cage with yellow vertical posts and black mesh. The background shows a blue machine, likely a sheet metal cutting machine, and other industrial equipment.

# CENTURIO COIL STORAGE SYSTEM APPLICATIONS

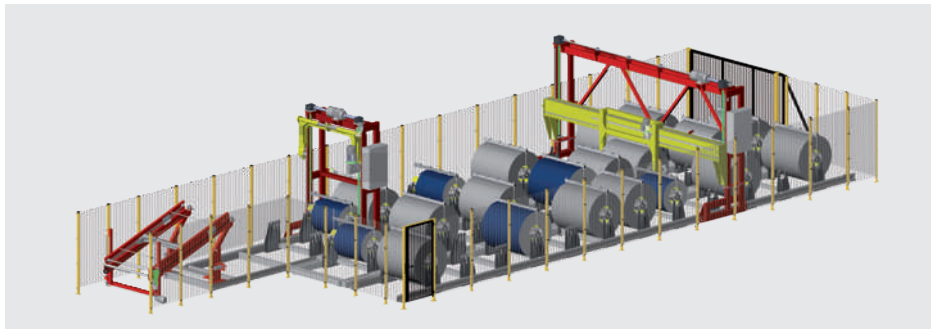
The CENTURIO coil storage system offers practically limitless possibilities. A central automated coil storage unit reduces costs, saves space, and increases production overview. Apart from feeding CENTURIO sheet metal cutting machines, the Krasser docking station also allows a wide range of machines to be flexibly connected from a central coil storage unit.





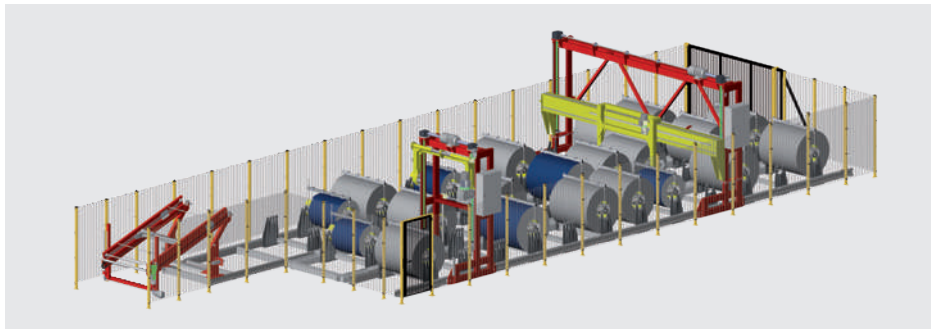
## Multi-lane system for CENTURIO sheet metal cutting installation

The variable configuration of the automated coil storage unit is one of the many advantages of the CENTURIO. Depending on requirements and budget, single- or multi-lane installations as well as single- or multi-manipulator systems are offered. Although the maximum width of the CENTURIO is limited to 5 lanes, the length and number of stations can be expanded without any limits!



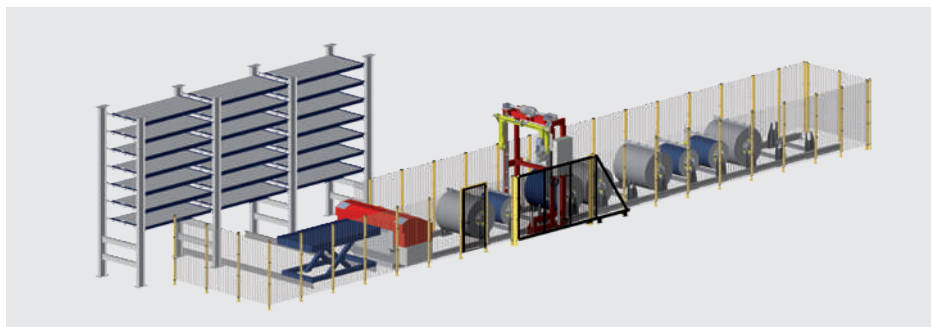
## Dual process installation

The CENTURIO storage system simultaneously supplies multiple installations with coils from a central coil storage unit. The advantages of the multiple use of the same coils are obvious. Integrating various machine combinations and parallel work processes save time and money.



## Docking station

In combination with the CENTURIO coil storage unit, the docking station allows the installation to be connected to a wide range of external machines such as rollformers, profiling machines, sheet metal bending machines, sheet plate storage systems, re-coilers, laser processing machines, or punching machines. Naturally, coil transportation, insertion, and synchronization are fully automated. A monitored fence ensures safety.

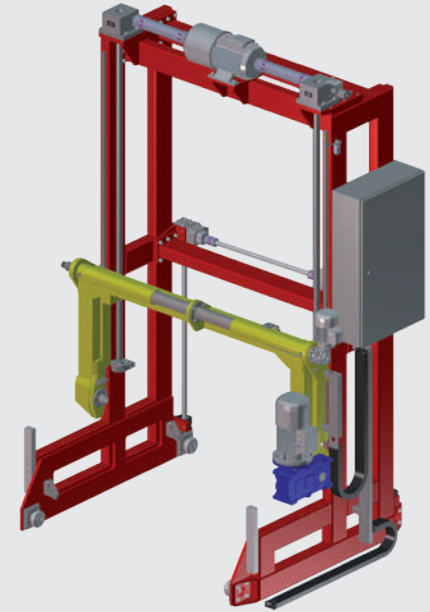
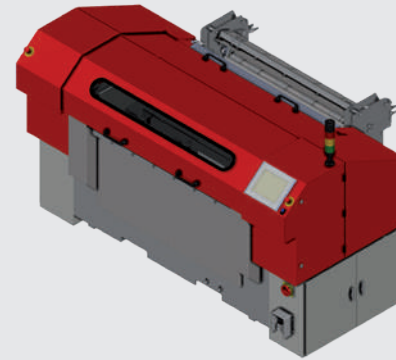


## Multi-lane installation with plate storage integration

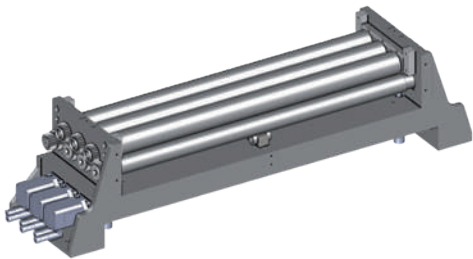
The automated coil storage unit supplies the CENTURIO with coil sheets via blanking function, therefore supplying the automated largescale sheet storage unit with variable sheet plate sizes. This saves on raw material costs and reduces the amount of space required. Smaller packaging densities on coils as plates — reduces storage logistics costs. Thanks to fast coil exchange times, cutting takes place as required. Thus ideal for on-demand feeding of laser processing machines, punching machines etc..

# CENTURIO OPTIONS

The machine systems we have developed and patented ensure that your sheet metal processing is implemented flexibly, cost-efficiently, and with the fastest possible delivery times. Numerous functional options allow for a wide range of possible applications. The CENTURIO machine system has a modular design and can easily be expanded.



## 01 / 7-roller straightening unit



## 02 / Coil axis with clamping bar

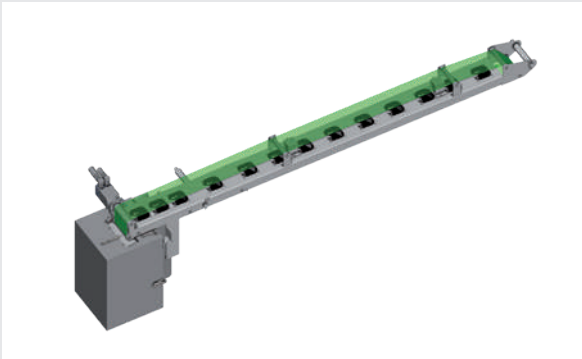


## 03 / Automated film applicator (1-3)

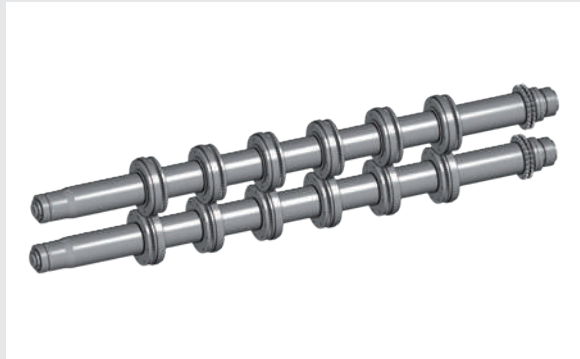




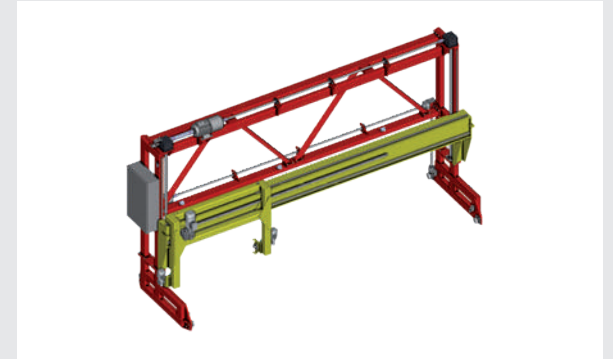
**04** / *Labeling unit for metal strips*



**05** / *Additional slitting knives for longitudinal cuts (max 8)*



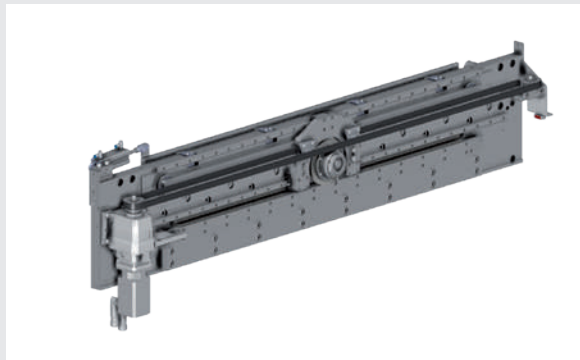
**06** / *1-5 lane storage manipulator*



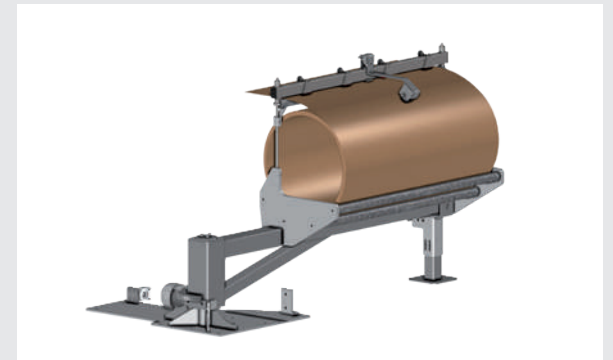
**07** / *Docking station*



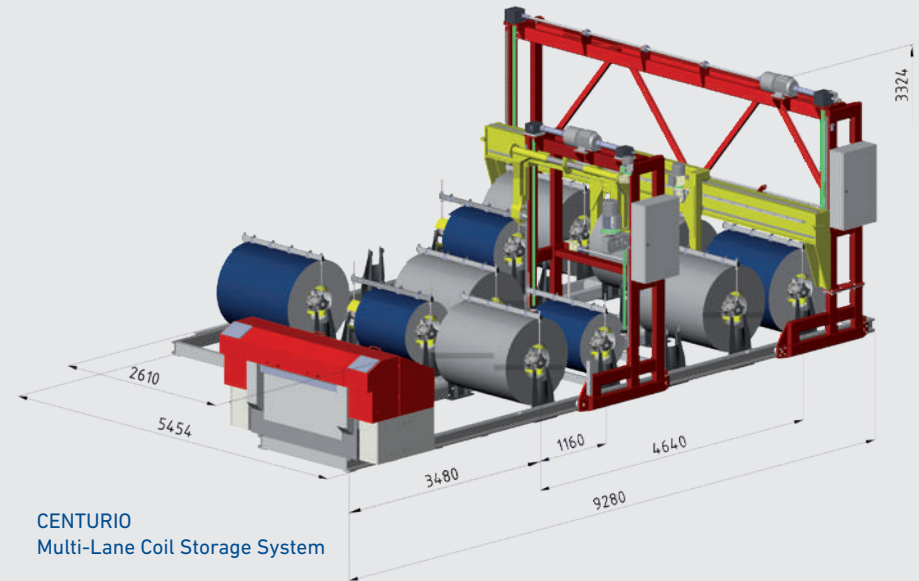
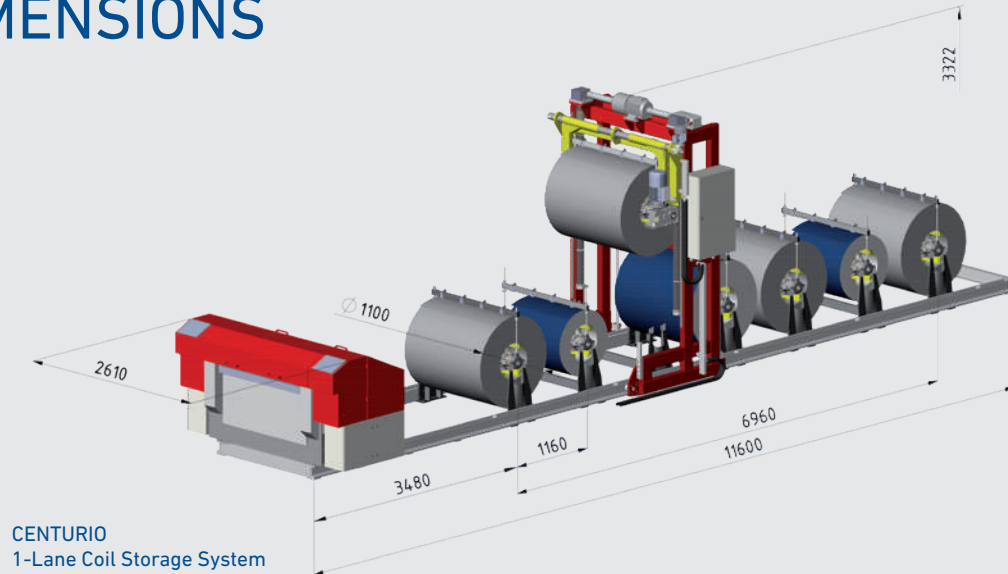
**08** / *Rotary shear as transverse cutting unit*



**09** / *Manual swivel-in unit for small coil processing*



# DIMENSIONS



## CENTURIO ADVANTAGES

01

Available as a standalone model or with automatic coil storage unit

02

Designed for high production turnover (24/7 operation)

03

Low scrap rate (no coil damage, dimensional accuracy)

04

Short production processing time thanks to rapid changeover times (high throughput)

05

Fully automatic coil change (ergonomic, safe, quick)

06

Fully automatic shear blade positioning (ergonomic, safe, reliable)

07

Many additional options available (partial cuts, film application, labeling, ...)

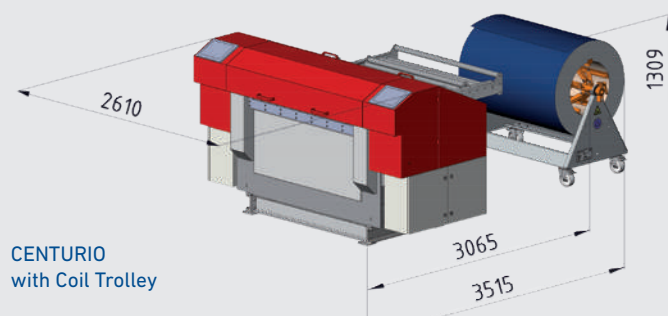
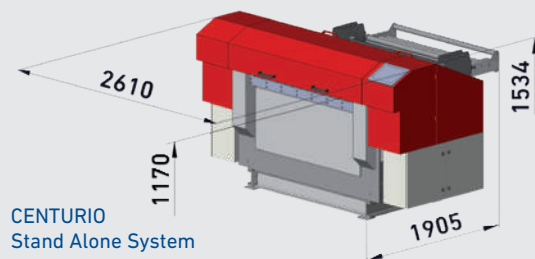
08

Flexibly adaptable to production conditions

09

Electronic order management possible





10

Wide range of flexible cutting applications  
(for sheet metal bending machines, laser  
systems, punching systems, re-coilers,  
sheet metal storage systems, etc.)

11

Constant stream of innovative new  
developments

12

Easily expandable

Maximum coil width	1,250 mm (49") / 1,500 mm (60")
Minimum coil width	700 mm (27.5") for 1,250 mm (49") / 850 mm (33.5") for 1,500 mm (60")
Sheet thickness for steel up to 400 N/mm <sup>2</sup>	0.4 – 1.5 mm (27 - 16ga)
Sheet thickness for stainless steel up to 550 N/mm <sup>2</sup>	0.4 – 1 mm (28 - 20ga)
Sheet thickness for aluminum (AlMg3) and copper	0.5 – 1.8 mm (24- 13ga) / 2 mm (14ga)
Minimum sheet metal cutting width	75 mm (3")
Straightening unit (automatic, progressive)	5 or 7 straightening rollers
Maximum cutting speed	35 m/min (115 ft/min)
Cutting accuracy	class „m“ DIN/ISO 2768 (±0.8 mm/m) (± 1/100 "/ft)
Cutting gap adjustment	0-0.3mm (0-0.012")
Longitudinal cut (slitting)	Using up to 8 rotary shears (slitting knives)
Transverse cut (blanking)	Using guillotine shear (opt. rotary shear)
Coil storage stations	Unlimited
Maximum coil weight	5,000 kg (11,000 pounds)
Maximum outer diameter of coil	1,100 mm (43")
Spread range of coil axes	450 – 580 mm (18"-22.5") (opt. 650 mm (25"))
Power supply	3PH 400-488 V AC/N/PE - 27kW/32A
Compressed air	150 l/min 6 bar

Processes the following materials: Sheet thickness [mm] + [ga]										
No. of blades used	Copper		Steel up to 400 N/mm <sup>2</sup>		stainless steel max. 550 N/mm <sup>2</sup>		Aluminium (AlMg3)		Zinc	
	[mm]	[ga]	[mm]	[ga]	[mm]	[ga]	[mm]	[ga]	[mm]	[ga]
3	0.5-2	24-14	0.4-1.5	27-16	0.4-1	28-20	0.5-1.8	24-13	0.5-2	10-21
4+5	0.5-1.25	24-18	0.4-1.25	27-18	0.4-0.8	28-22	0.5-1.25	24-16	0.5-1.25	10-17
6			0.4-1	27-19	0.4-0.7	28-23				
7+8	0.5-1	24-19	0.4-0.8	27-22	0.4-0.6	28-24	0.5-1	24-18	0.5-1	10-15

# LEGIONNAIRE

## Practical, reliable, and proven!

With the compact LEGIONNAIRE machine systems, a wide range of different tasks can be completed in a very short time - while also incurring the lowest possible costs. The LEGIONNAIRE is the ideal production machine for sheet metal and plumbing specialists which optimally combines a careful storage of the coils with the precise and labor-efficient cutting of metal strips.

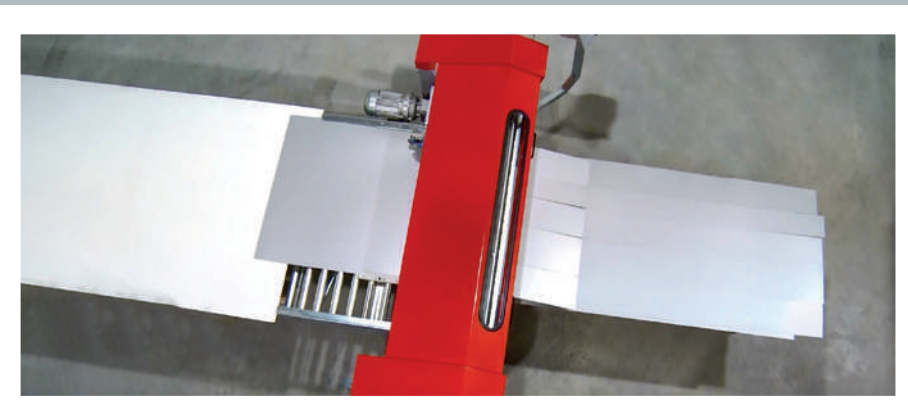
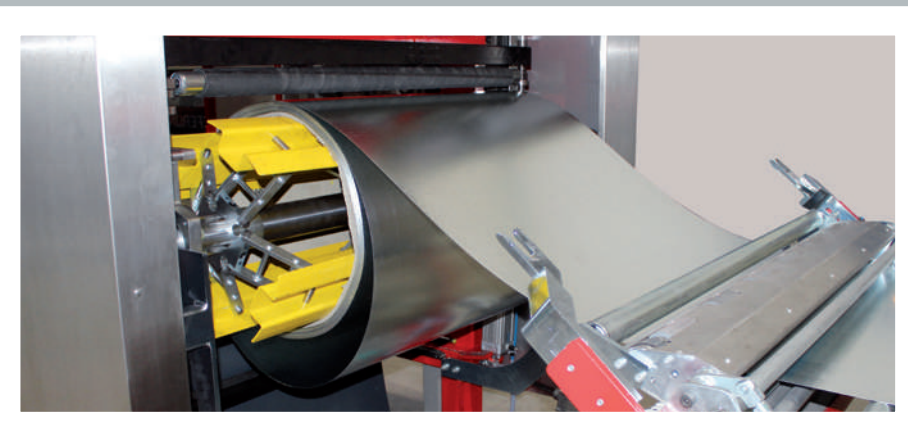
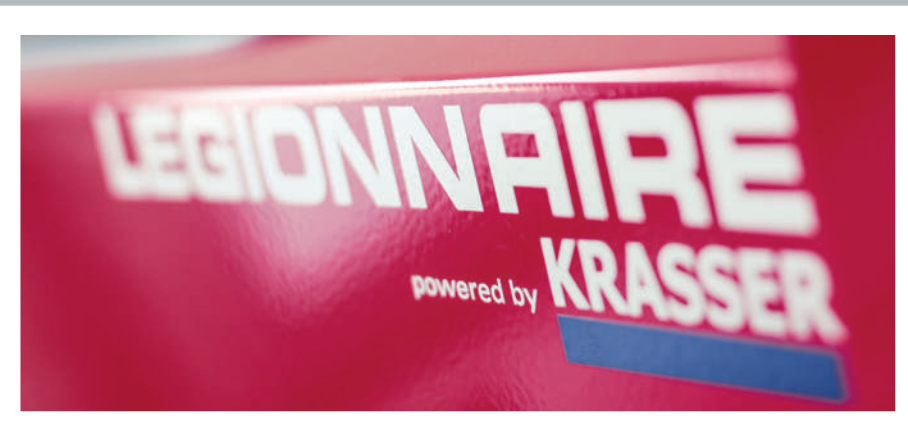
Longitudinal cuts are performed using 5 pairs of slitting knives (upgradable to 8), and blanking is performed using guillotine shear. Blade positioning is performed fully automatically with a material-specific cutting gap and shear blade insertion depth, which contribute to improving the quality and the measurement accuracy of sheet metal cuts.

Numerous additional functional options also allow the system to be used for a wide range of possible applications. Whether as a standalone system or fully automated, with or without a coil storage system. It makes it possible to process cut metal plates or metal strips from a space-saving coil storage unit. The fully automatic coil replacement takes place in less than 2.5 minutes from cut to cut - ergonomically, safely, and damage-free! Short production turnover times and rapid changeover times increase your production throughput and shorten your delivery times.

The length, width, material type, and number of units are entered either directly via the machine display or via a web application interface.







# LEGIONNAIRE SYSTEM FEATURES

## Straightening function

The straightening of the sheets with a swiveling 3-roll straightening unit takes place using a progressively controlled straightening roller and ensures reliable straightening.

+ High-quality straightening function



## Machine operation

Machine operation is straightforward and easy to understand and takes place via one or optionally multiple displays on the installation. An intuitive machine guide in selectable languages makes it easy to operate the machine.

+ Straight forward and easy



## Compact

The LEGIONNAIRE is compact and ideally designed for most tasks performed by sheet metal and plumbing specialists.

+ Reliable



## Small coil processing

In addition to fully automated cutting directly from large coils from the automated coil storage unit, it is also possible to use a coil trolley to place small coils between the coil storage unit and the LEGIONNAIRE machine so they can be processed directly using the LEGIONNAIRE sheet metal cutting machine. This allows even leftover coil material and special requests to be processed easily and efficiently with all the advantages of the fully automated LEGIONNAIRE sheet metal cutting machine. + Flexible



## Film application

The application of films can be performed semi-automatically for one film and provides the sheet surface with better protection.

+ Optimum protection



## Standalone or with coil storage unit

The LEGIONNAIRE can be configured to work in plate mode, coil mode, or storage mode, therefore making it suitable for all application needs.

+ Flexible range of applications



## Automatic cutting parameters

The LEGIONNAIRE system allows for the assignment of material-specific cutting parameters such as cutting depth, cutting gap, coil alignment forces, and straightening roller parameters. The automated configuration of the saved cutting parameters ensures the highest sheet cutting quality.

+ Excellent cutting quality



## Transverse cutting

Blanking takes place automatically to the exact length of the metal strip using guillotine shear.

+ Dimensionally accurate





## Safety

Where safety is concerned, there are no compromises — the entire installation is surrounded by a safety fence. The entrances in the protective mesh are outfitted and monitored with door opening sensors; this allows us to guarantee the highest level of safety.

+ Safe



## Automatic coil storage system

The coils are transported fully automatically to the sheet cutting installation and fed into the cutting machine using a patented mechanism which ensures absolute protection for the material surface and does not require any manual handling.

+ Safe, damage-free, and ergonomic



## Automatic coil change

The sheets are adjusted fully automatically and make it unnecessary to perform dangerous and unergonomic manual interventions during a coil change. Coils from a maximum of 14 storage stations are automatically changed within a maximum of 2.5 minutes.

+ Rapid and flexible production



## Automatic blade adjustment

The fully automated blade positioning of the maximum of 8 pairs of rotary shears allows for the fastest possible execution of a wide range of cuts with the highest level of quality. The metal strip is cut accurately into longitudinal strips.

+ Rapid, ergonomic, and dimensionally accurate



## Automatic coil storage unit

The coil storage unit can be adapted to the respective requirements and is available with 6 / 8 / 10 / 12 or 14 coil storage stations. Storing the coils in the storage system prevents any possible damage to the material.

+ Flexibly expandable



## Narrow coil processing

Narrow coil widths from 400 - 1,250mm (16" – 49") can be processed with the option "Flexible 0-Line". This leads to more raw material savings and production optimizations.

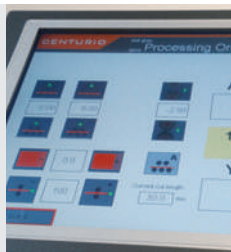
+ Cost saving



## Coil storage database

The coil storage stations for the various sheet metal materials can be easily and clearly managed using the material database.

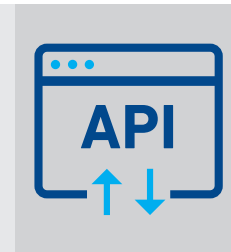
+ Practical and quick



## API interface

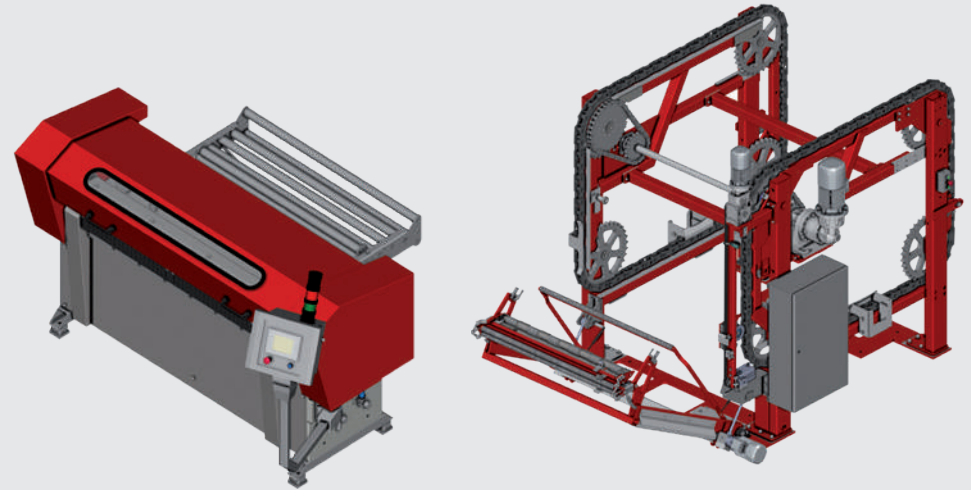
The API interface ensures optimal communication with peripheral devices and external software solutions such as cut optimization systems and similar installations. The API interface also makes remote access for maintenance possible.

+ Connectivity



# LEGIONNAIRE OPTIONS

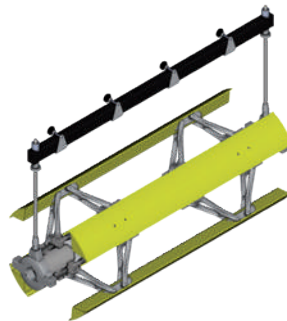
The machine systems we have developed and patented ensure that your sheet metal processing is implemented flexibly, cost-efficiently, and with the fastest possible delivery times. Numerous functional options allow for a wide range of possible applications. The LEGIONNAIRE machine system is practical, reliable, and proven.



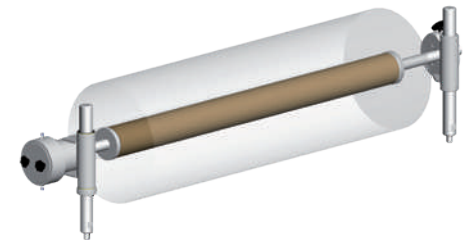
## 01 / 3-roll straightening unit, swivelling



## 02 / Coil axis with clamping bar

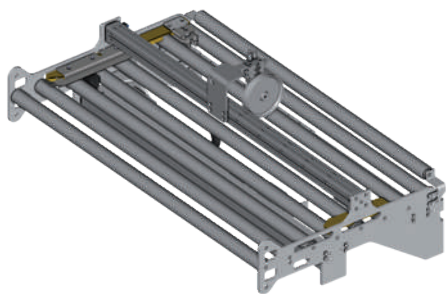


## 03 / Manual film applicator

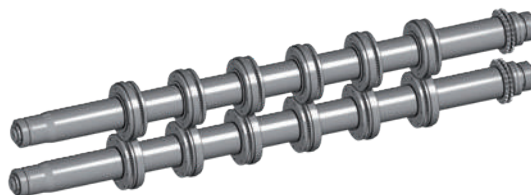




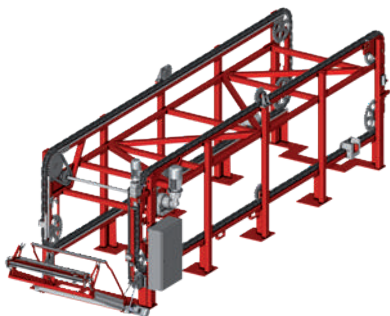
**04** / *Flexible sheet width adjustment*



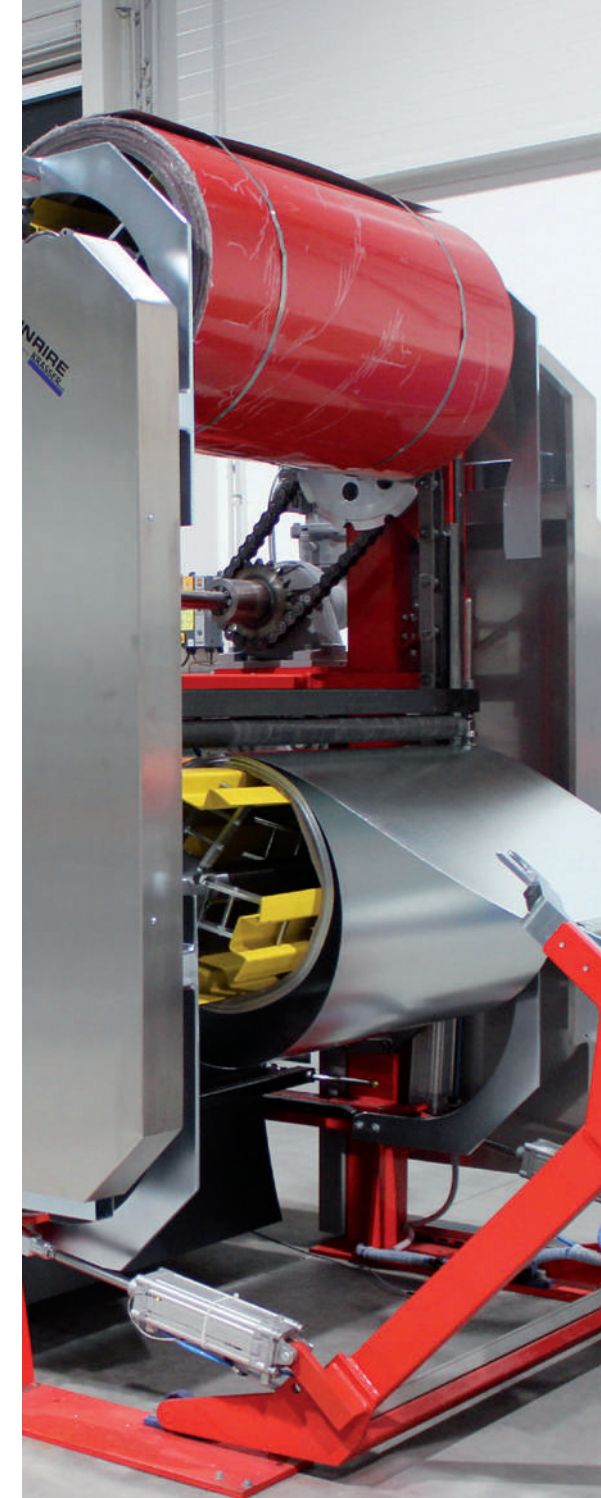
**05** / *Additional slitting knives for longitudinal cuts (max 8)*



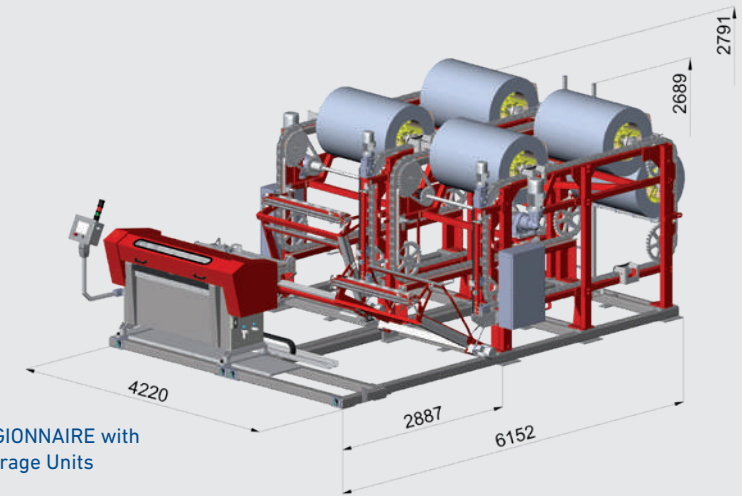
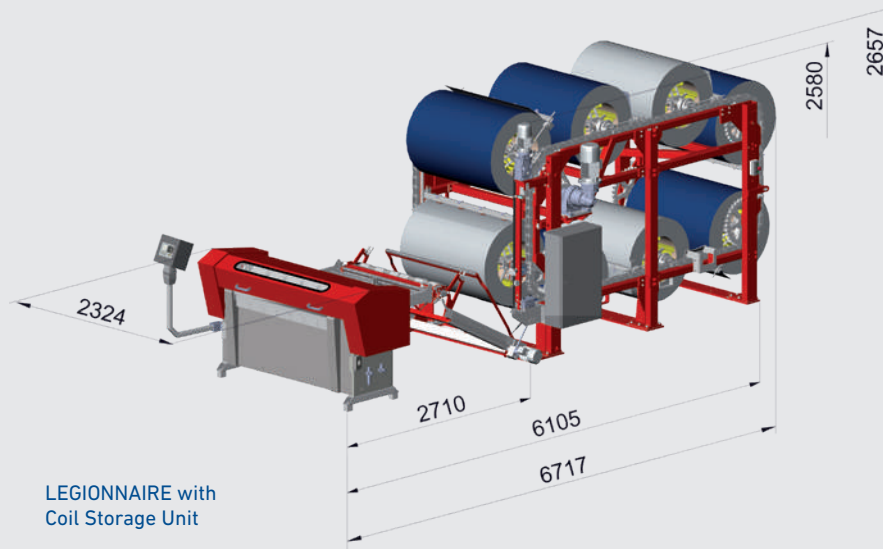
**06** / *Space-saving coil storage unit (6-14)*



**07** / *Semi-automatic coil loading system*



# DIMENSIONS



## LEGIONNAIRE ADVANTAGES

**01**

Available as a standalone model or with automatic coil storage unit

**04**

Short production processing time thanks to rapid changeover times (high throughput)

**07**

Additional options available (film application, semi-automatic coil loading, straightening, ...)

**02**

Compact design and ideal for the standard requirements of sheet metal and plumbing specialists

**05**

Fully automatic coil change (ergonomic, safe, quick)

**08**

Flexibly adaptable to production conditions

**03**

Low scrap rate (no coil damage, dimensional accuracy)

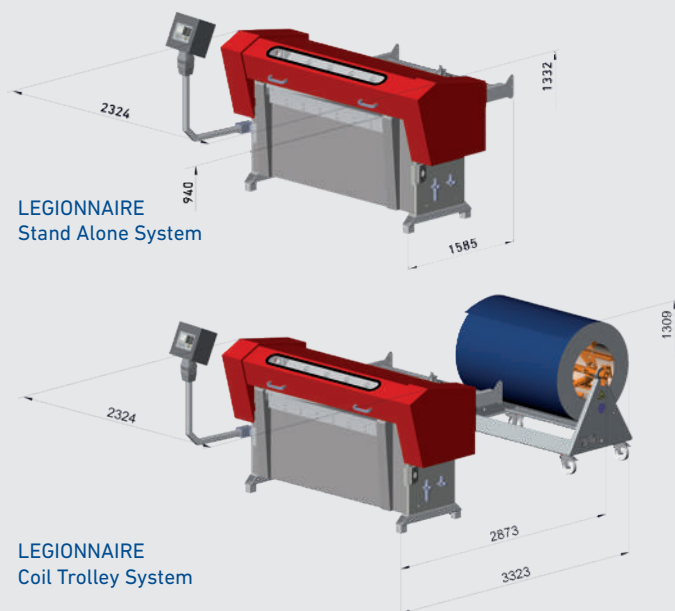
**06**

Fully automatic shear blade positioning (ergonomic, safe, dimensionally accurate)

**09**

Electronic order management possible





**10** / High cutting quality thanks to automatic cutting parameter adjustment

**11** / Flexibly allows for the processing of various coil sheet widths

**12** / Constant, innovative upgrades

## TECHNICAL DATA

Maximum coil width	1,250 mm (49")
Minimum coil width	1,000 mm (39") (opt. 400 mm (16"))
Sheet thickness for steel up to 400 N/mm <sup>2</sup>	0.4 - 1.00 mm (27 - 20ga)
Sheet thickness for stainless steel up to 550 N/mm <sup>2</sup>	0.4 - 0.8 mm (28 - 22ga)
Sheet thickness for aluminium (AlMg3) and copper	0.5 - 1.25 mm (24 - 16ga)
Minimum sheet metal cutting width	60 mm (2.4")
Straightening unit (automatic, progressive)	5 or 7 straightening rollers
Maximum cutting speed	30 m/min (100 ft/min)
Cutting accuracy	class „m“ DIN/ISO 2768 (± 0.8 mm/m) (± 1/100"/ft)
Cutting gap adjustment	0 - 0.3 mm (0-0.012")
Longitudinal cut (slitting)	Using up to 8 rotary shears (slitting knives)
Transverse cut (blanking)	Using guillotine shears
Coil storage stations	6 - 14 possible (or 0)
Maximum coil weight	2,000 kg (4,410 pounds)
Maximum outer diameter of coil	900 mm (35")
Spread range of coil axes	420 - 520 mm (16.5" - 22") (opt. 600 mm (24"))
Power supply	3PH 400-488 V AC/N/PE - 27kW/32A
Compressed air	100 l/min 6 bar

**With even blade distribution and sharp blades!**

Processes the following materials: Sheet thickness [mm] + [ga]										
No. of blades used	Copper		Steel up to 400 N/mm <sup>2</sup>		stainless steel max. 550 N/mm <sup>2</sup>		Aluminium (AlMg3)		Zinc	
	[mm]	[ga]	[mm]	[ga]	[mm]	[ga]	[mm]	[ga]	[mm]	[ga]
4	0.5-1.25	24-18	0.4-1	27-19	0.4-0.8	28-22	0.5-1.25	24-16	0.5-1.25	10-17
5	0.5-1	24-19	0.4-0.9	27-20	0.4-0.7	28-23	0.5-1	24-18	0.5-1	10-15
6			0.4-0.8	27-21	0.4-0.6	28-24				
7+8	0.5-0.9	24-20	0.4-0.7	27-23	0.4-0.5	28-26	0.5-0.9	24-19	0.5-0.9	10-14

# SOFTWARE

In addition to robustly built and well-designed equipment, intelligently and clearly written software also forms the basis for reliable and satisfactory production machines. Krasser Maschine Software 2.0 is advanced, high-performance all-in-one machine software, and handles control, visualization, and storage management. This software is based on the existing trusted and proven Krasser machine software. Internal operational data logging performed in the machine also ensures machine optimization as well as targeted service & maintenance instructions based on the analysis and evaluation of operational data.

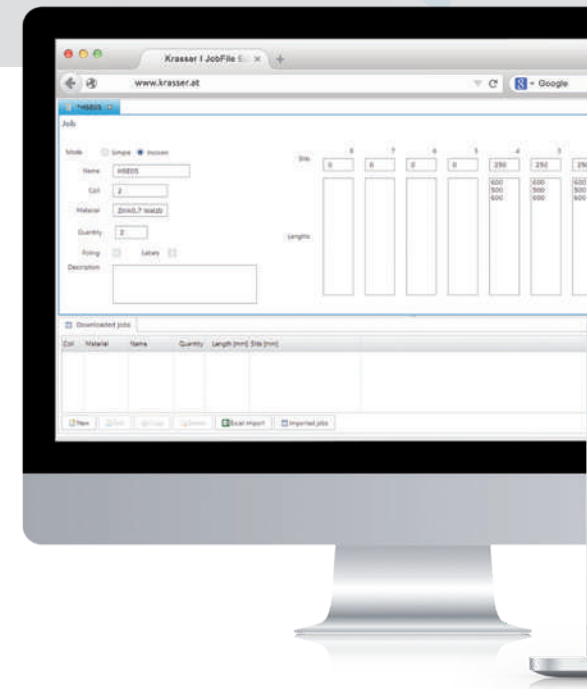
## This software is characterized by the following:

- > Easy-to-understand visual design and arrangement
- > Clearly structured error display and analysis options
- > Simple and intuitive machine operation
- > Comprehensive operator device installation options
- > Remote maintenance communication options
- > Various user levels with different login data and permissions
- > Optional operator allocation via user chip cards
- > Individually configurable user settings
- > Function for switching languages with wide selection of languages during live operation
- > Machine control and coil storage management in a single operator device
- > Multiple display solutions for large installations
- > Displays 3D graphics
- > Management of any number of coil storage stations
- > Large storage inventory overview at a glance
- > B&R software + hardware with international service availability
- > A wide range of interface connection options
- > Data recording and analysis
- > Simple networking options
- > Practical production order transmission via „Krasser Job File Editor“
- > Secure machine movement lock to prevent erroneous operation
- > Easily scalable machine configuration as well as rapid integration of expansion options at a later date



## Krasser JobFile Editor

The Krasser JobFile Editor is a software by Krasser for entering cutting jobs from a PC workstation. The cutting jobs are easy and quickly entered in an input screen and can subsequently individually or as a whole order (several cutting jobs) be sent to the cutting machine. The software solution provides a clear visualization and is ideal for simple work preparation.





# INDUSTRY 4.0

## Smart Coil Processing Systems

In an age of Industry 4.0, Krasser GmbH offers production processes and periphery devices that are easy to connect to each other, therefore optimizing production. The modern interface is provided in the form of a web service. This allows for easy data communications with peripheral devices, production management systems, production order management systems, and even direct ERP integration. This e.g. reduces waste materials from cutting (less remaining material), eliminates manual intermediate steps, and allows sheet metal from coils to be supplied to the downstream machines with a clear correspondence (order, dimensions, bending program, ...) according to requirements.



### This results in benefits for you, such as:

- > Reduced space requirements
- > Lower raw material costs
- > Reduced machine downtime
- > Increased production flexibility
- > Higher production throughput
- > Optimized production efficiency

### In combination with a sub-system, this enables the following:

- > Single point of data entry
- > Cutting optimization (less waste from sub-optimal cuts)
- > Production process optimization
- > Production process monitoring
- > Practical analysis options
- > Intelligent process planning and production handling
- > Savings for administrative tasks (billing, order allocation, entry of cutting data, ...)
- > Consistent traceability: from acceptance at the construction site to production and all the way to final assembly at the construction site.



# CUSTOMER SERVICE

Our service does not end with the handover of the installation. It is extremely important to us that our machine systems ensure your production is cost-effective and efficient. Hence, we provide comprehensive service & support offerings.

Our service & support team will be glad to assist you during our service hours from 7 am to 4 pm from Monday to Thursday, and from 7 am to 12:30 pm on Friday.





## Service & maintenance offerings

- > Maintenance contracts at cyclic intervals
- > On-site determination of actual maintenance requirements with subsequent recommendations
- > Organization and execution of machine maintenance with regards to mechanical, electrical, and IT aspects
- > Implementation of servicing tasks at short notice
- > Holding of supplementary maintenance seminars
- > Replacement and wear parts packages



## Standard Support

Standard support is provided via our online service portal as well as our e-mail address „[service@krasser.at](mailto:service@krasser.at)“ for regulated and traceable service processing.

- > Fastest possible assistance from our technicians with troubleshooting
- > Best possible dispatch of service technicians on site



## Renewals /expansions

We would be happy to inform you about our constant new developments and upgrades to continuously optimize your production situation.

## Fields of expertise

- > Experience in sheet metal processing
- > Customer proximity
- > Problem-solving competency
- > Flexibility
- > Rapid decision-making processes
- > Mechatronics specialists
- > Direct access to project-specific documentation
- > Qualified employees
- > Service & support employees are aided by experts from the respective specialist departments

Our worldwide network for consultation & service complements our range of expert offerings for our international customers.



[service@krasser.at](mailto:service@krasser.at)



## GET IN TOUCH



Gewerbeparkstrasse 77  
8143 Dobl/Graz, Austria  
Phone +43 (0) 3136 533 44-0  
Fax +43 (0) 3136 533 44-15  
Internet: [www.krasser.at](http://www.krasser.at)  
eMail: [office@krasser.at](mailto:office@krasser.at)

