

**profiling, bending, cutting ...**  
Intelligent technique, better work



ENGLISH

Engineered and Made in Germany



A cut above the rest.

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# A Cut Above The Rest



## Way ahead with DRÄCO Tools.

Since 1951 DRÄCO of Germany has been a partner to the craft, industry and trade. Customers need service and quality. Quality products, practical customer feedback. Design control, training plus dealers and representatives in over 60 different foreign countries. This DRÄCO solution for the various trades and industries, for whom we make our machines and tools. Every product is manufactured to the requirements and demands of the customer and is designed and manufactured by the DRÄCO TEAM.

DRÄCO is known world-wide for distortion burr free and safe cutting.

**In the double cutting system, all shears can be used as slitting shears, are available with special knives and jaws between 3-8 mm width.**

### DRÄCO-Tip:

Please ask your dealer for further machinery and tools information for the roof and wall program. DRÄCO tools and machines are designed for reliable, efficient and high performance operation.

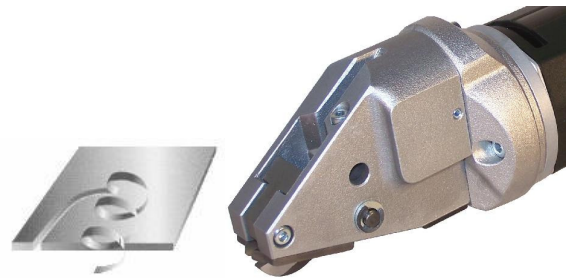
## Cutting of Metal & Plastic

### Double cutting system

When looking at this catalogue you will see metal and plastic shears, for many applications. For almost 50 years DRÄCO's quality system and enhanced training has developed robust machines in the double cutting system and other machinery.

This double cutting system with no deformation of the material, burr and serrated free always give a clear view to the marked line, due to waste-exit, to the right side.

**Due to this original double cutting system no lubrication is required on the material or cutter.**



*The advantage of the DRÄCO Shears for straight and curved cuts, plus cutting across U-C-L- profiles all without distortion.*

### Single Side Cutting System / Plate Shears



Plate Shears are cutting easily and have excellent contouring possibilities.



### Nibblers

DRÄCO Nibblers use a different cutting system. Nibblers hit the material from the top and punch out little pieces, works without any distortion and spark free in all types of materials. The nibblers are usually used for cutting small radius and corrugated materials.

We pride ourselves on our reputation, for delivering quality products with high standards to our professional partners, distributors and our end user customers.



# Which Shear for which application?

## Working steps

1. Car body repairs Installing sun roofs Caravan, Mobile homes Acoustic ceiling metal tiles Thin metal sheets up to 1 mm (19 G) Tight Radius cuts	3. Spiral ducting Seam-cutting Ridge and gutter Seam 6x0,75 mm (6x21 G) Pittsburgh seam	5. Corrugated iron, plastic trapezoid material	7. Recycling metal + plastic
2. Small and wide cable trays Cable laying systems partitions, panels, mini ducts, Formed and extruded shapes	4. Truck/Bus-repairs Truck-structures Cut-outs, Metal covers Formed, extruded shapes	6. Cut-outs-windows Trucks and cars Flush trimming Burr free	8. Home and hobby craftsmen

.....If having cutting problems, send material in for cutting and testing (application engineer)

Ranges	Cars Trucks Caravans	Partitions Air- condition, Heating, Ventilating Installers	Roof and Wall Facade	Stainless steel Non Ferro materials	Appliances Laboratories Wire Netting	Energy Recycling Janitor	Plastics Synthetic Resins Pipes etc.	School College University
<b>Shears</b>								
SD5-1	● 1	○ 1,4	● 1	● 1		● 1	○	● 1,4
S1001N-1	○	○ 1,2,4,5*	○ 4,5*	○ 1,4,5*		○ 1,2,4	○	● 1,4
SD7-1	● 1	● 1,4	○	○	○	○ 1,2,4	○	● 1,2,4
2020	● 1,2,3,4	○ 1,2,3,4	○	○	○	○ 1,2,3,4	○	● 1,2,3
3515	○	○	○	●	○	○	○	
3520	● 1,2,3	● 1,2,3,4,5,	○	● 1,2,3,4,5*	● 1,2,3,4,5*	● 1,2,3,4,5*	○	● 1,2,3,4
3514-2		● 2,3,4	● 2,3	○	●	●	○	●
3514-7R		● 2,3,4	● 2,3	○	●	●	○	●
TYP I-SD5	● 8					○	○	
TYP I	● 8			● 8		○	○	
TYP II							● 8	● 8
S1002N-1							●	●
3550							●	●
3500						●	● 7	●
1213z/1216	○ 5		● 5	○ 5	● 5	● 5	○ 5	● 5
PN4360			● 5	○ 5	● 5	● 5	○ 5	● 5
PN4361			● 5	○ 5	● 5	● 5		● 5
PN4320	○	○		○	●	●		○
1910	● 1,4	○ 1						○ 1,4
1913	● 1,4			● 1,4	○ 1,4			● 1,4
1920	● 1,2,3,4,7			● 1,2,3,4,7	● 1,4,7	● 7		● 1,2,4
1950	● 1,4						● 1,4,7	● 1,4
19/3514-2		● 3	● 2,3	○	●	●	○	●
19/3514-7R	● 4	● 2,3	● 2,3	○	●	●	○	●
AK 3010	○ 1	○	● 5*	○		○ 1,4		●
AK 3013	○	○	○	○	○	○		○
AK 3017	○	○		○	○	○		○
AK 3520	● 1,2,3	● 1,2,3,4,5,	○	● 1,2,3,4,5*	● 1,2,3,4,5*	● 1,2,3,4,5*	○	● 1,2,3,4
AK 3514-2		● 2,3,4	● 2,3	○	●	●	○	●
AK 3514-7R		● 2,3,4	● 2,3	○	●	●	○	●
AK 3012	○ 5		● 5	○ 5		○ 5	○ 5	○ 5
AK 3160	○ 5		● 5	○ 5		○ 5		● 5
AK 3161			● 5	○ 5		○ 5		● 5
AK 3200	●	●	●	●	●	●		●
AK 3000						● 7	● 1,4,7	●
AK 3002						● 6,7	● 1,4,7	●
5016/5025		○	○					

● ideal

○ Usable

\* Longitudinal cuts





# Metal Slitting Shears

- cuts without distortion or straightening of formed parts
- burr free cutting
- no finishing of the edges is required
- accurate cutting along a marked line
- single-side trimming is possible
- working speed up to 9 m/min
- cutting of U-,C- and L-profiles
- clear view to scribed line or template
- long life tool
- easy, one hand, operation
- simple and safe to use
- noise under limit regulations
- insulated and suppressed motor

- **can cause no injury while in motion!**



adjustable guide S/01,  
for straight cuts without marking a line

## specific SD5-1:

- short curves possible
- ideal for tinsmiths and body-coach workshops
- ideal for sheet metalwork
- installation of car sun roofs
- support-roller keeps the shear flat
- acoustic ceiling metal tiles, lighting fixtures
- cutting extruded and formed shapes
- U-,C- and L- profiles

- also available: pneumatic: type 1910  
cordless tool 12 volt: type AK 3010

## specific S1001N-1:

- ideal for installations, air conditioning, ducting, aircraft manufacturing
- for straight and curved patterns
- stationary cutting in a vice possible
- ideal for U-,C- and L- profile cutting cable trays and steel studs
- an indispensable tool for any other applications.

- also available: pneumatic: type 1913  
12 volt cordless tool: type AK 3013

## SD5-1



## S1001N-1



metal-box 18000



cut-outs from drilled starting holes



cutting of formed parts

DRÄCO metal shears	type	SD5-1	S1001N-1
<b>max. cutting capacity</b>	<i>Art.no.:</i>	61000-1	61010-1
steel 400 N/mm <sup>2</sup>	mm/ga.	<b>1,0 / 19</b>	<b>1,3 / 18</b>
stainless steel 600 N/mm <sup>2</sup>	mm/ga.	<b>0,7 / 21</b>	<b>1,0 / 19</b>
stainless steel 800 N/mm <sup>2</sup>	mm/ga.	<b>0,4 / 24</b>	<b>0,7 / 21</b>
aluminium 250 N/mm <sup>2</sup>	mm/ga.	<b>1,5 / 16</b>	<b>2,0 / 14</b>
tightest radius	mm/ "	<b>50 / 2</b>	<b>100 / 4</b>
working speed	±m/min	<b>9</b>	<b>9</b>
strokes	min <sup>-1</sup>	<b>3900</b>	<b>3900</b>
motor capacity	W	<b>300</b>	<b>300</b>
weight	kg	<b>1,6</b>	<b>1,6</b>
min. start hole diameter	mm	<b>10</b>	<b>11</b>

all units are ready to use

SD5-1	S1001N-1
<b>spare parts</b>	<b>spare parts</b>
knife 01011	knife 01001
set of jaws BG13574/1	set of jaws BG10600
knife-pin set BG12555	knife-pin set BG12555
<b>optional accessories</b>	
metal-box	18000
adjustable guide S/01 up to 100 mm	10059
adjustable guide S/01 up to 250 mm	10060
adjustable guide S/01 up to 500 mm	10061
support roller	BG10076

BG=Set

other voltages available



# Universal Metal Slitting Shears

- cutting without distortion or straightening of formed parts
- burr free cutting
- no finishing of the edges is required
- accurate cutting along a marked line
- single-side trimming is possible
- working speed up to 5 m/min
- cutting of U-,C- and L-profiles
- clear view to scribed line or template
- long life tool
- easy, one hand, operation
- simple and safe to use
- noise under limit regulations
- an insulated and suppressed motor
- **can cause no injury while in motion**
- almost no maintenance necessary
- knife and jaws can be reground
- parts are standardized and interchangeable
- stationary cutting in a vice possible
- rugged tools for higher cutting capacity
- ideal for: sheet-metal workshops
- air conditioning
- control cabinet fabrication
- external wall cladding

**2020**



**SD7-1**

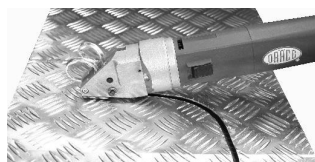
**The Universal Metal Shear**



**Good Curve ability**



adjustable guide S/01,  
for straight cuts without marking a line



cut-outs from drilled starting holes



cutting of formed parts

DRÄCO metal shears	type	SD7-1	2020
<b>max. cutting capacity</b>	<i>Art.no.</i>	61047	61040
steel 400 N/mm <sup>2</sup>	mm/ga.	<b>2,0 / 14</b>	<b>2,0 / 14</b>
stainless steel 600 N/mm <sup>2</sup>	mm/ga.	<b>1,5 / 16</b>	<b>1,5 / 16</b>
stainless steel 800 N/mm <sup>2</sup>	mm/ga.	<b>1,3 / 18</b>	<b>1,3 / 18</b>
aluminium 250 N/mm <sup>2</sup>	mm/ga.	<b>3,0 / 10</b>	<b>3,0 / 10</b>
tightest radius	mm/ °	<b>50 / 2</b>	<b>200 / 8</b>
working speed ±	m/min	<b>5</b>	<b>5</b>
strokes	min <sup>-1</sup>	<b>2200</b>	<b>2200</b>
motor capacity	W	<b>500</b>	<b>350</b>
weight	kg	<b>1,8</b>	<b>1,8</b>
min. start hole diameter	mm	<b>12</b>	<b>14</b>

all units are ready to use

SD7-1	2020
<b>spare parts</b>	<b>spare parts</b>
knife 37140S7	knife 010135
set of jaws BG37222	set of jaws BG35146
knife-pin set BG35149	knife-pin set BG35155
<b>optional accessories</b>	
metal-box	18000
adjustable guide S/01 up to 100 mm	10059
adjustable guide S/01 up to 250 mm	10060
adjustable guide S/01 up to 500 mm	10061
support roller (metal)	BG10077

BG=Set

other voltages available



# Seam Metal Shear 3514-2

- Ideal for multiple seams

Cold and emission-free operation

spiral ducting, seams, mesh and wire etc.

General specifications:

- cuts formed parts without distortion or straightening
- burr free cutting
- no finishing of the edges is required
- accurate cutting along a marked line
- single-side trimming is possible.
- working speed up to max. 5 m/min.
- cutting of U-, C- and L- profiles
- clear view to scribed line or template
- long life tool
- easy, one hand, operation
- simple and safe to use
- can cause no injury while in motion
- noise under limit regulations
- insulated and suppressed motor
- almost no maintenance necessary
- knife and jaws can be reground
- parts are standardized and interchangeable



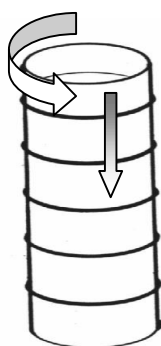
cutting through double lock seam  
6 times folded at the ridge or gutter

Ideal for cutting:

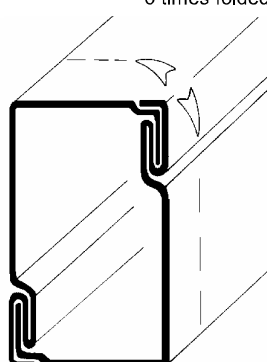
- ☒ spiral ducting
- ☒ roof & wall claddings
- ☒ through 6 times folded double lock and Pittsburgh Seams
- ☒ mesh and wire
- ☒ painted or coated aluminum
- ☒ sheet metal
- ☒ stainless steel
- ☒ non ferrous materials (aluminum, copper, zinc)

also available:

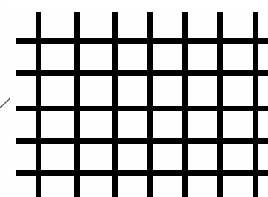
- pneumatic: type 19/3514-2
- 12 Volt cordless tool: type AK 3514-2



spiral ducting



Pittsburgh-seam



mesh and wire

DRÄCO Seam Metal Shear		type	3514-2
max. cutting capacity		Art.no.	61070
steel	400 N/mm <sup>2</sup>	mm/ga.	2,0 / 14
stainless steel	600 N/mm <sup>2</sup>	mm/ga.	1,5 / 16
stainless steel	800 N/mm <sup>2</sup>	mm/ga.	1,3 / 18
aluminum	250 N/mm <sup>2</sup>	mm/ga.	3,0 / 10
<b>duct- &amp; Pittsburgh Seam</b>	400 N/mm <sup>2</sup>	mm/ga.	<b>4 x 0,90 / 20</b>
<b>double lock seam</b>	250 N/mm <sup>2</sup>	mm/ga.	<b>6 x 0,75 / 21</b>
tightest radius		mm/inch	200 / 8
working speed ±		m/min	5-7
strokes		min <sup>-1</sup>	2400
motor capacity		W	500
weight		kg	2

3514-2	
spare parts	
knife serrated heavy duty	035141
set of jaws	BG35146
knife-pin set	BG35055
optional accessories	
metal-box	18000



all units are ready to use

BG=Set

other voltages available





# Radius-Seam Metal Shear 3514-7R

## - Ideal for small radius through multiple seams

Cold and emission-free operation

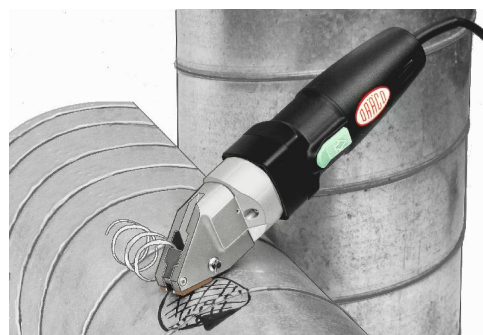
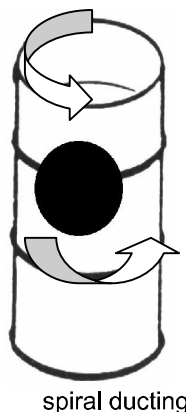
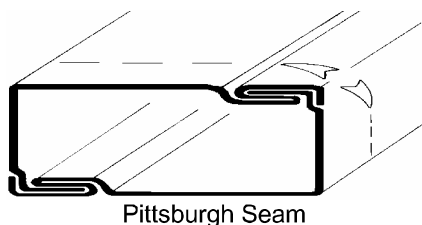
spiral ducting, seams (min. Ø 90 mm)

### General specifications:

- cuts without distortion or straightening of formed parts
- burr free cutting
- no finishing of the edges is required
- accurate cutting along a marked line
- single-side trimming is possible.
- working speed up to max. 5 m/min.
- clear view to scribed line or template
- long life tool
- easy, one hand, operation
- simple and safe to use
- noise under limit regulations
- insulated and suppressed motor
- almost no maintenance necessary
- knife and jaws can be reground
- parts are standardized and interchangeable

### Ideal for cutting:

- ☒ spiral ducting
- ☒ painted or coated aluminum
- ☒ sheet-metal, steel studs
- ☒ stainless steel
- ☒ non ferrous materials (aluminum, copper, zinc)



starting hole 12-14 mm Ø  
accurate cutting along a marked line

### also available:

- pneumatic: type 19/3514-7
- 12 Volt cordless tool: type AK 3514-7

DRÄCO Radius Seam Metal Shear		type	3514-7R
<b>max. cutting capacity</b>		Art.no.	61080
steel	400 N/mm <sup>2</sup>	mm/ga.	2,0 / 14
stainless steel	600 N/mm <sup>2</sup>	mm/ga.	1,5 / 16
stainless steel	800 N/mm <sup>2</sup>	mm/ga.	1,3 / 18
aluminum	250 N/mm <sup>2</sup>	mm/ga.	3,0 / 10
<b>duct- &amp; Pittsburgh Seam</b>	400 N/mm <sup>2</sup>	mm/ga.	4 x 0,75 / 21
tightest radius		mm/ "	45 / 1¾
working speed ±		m/min	5-7
strokes		min <sup>-1</sup>	2400
motor capacity		Watts	500
weight		kg	2
starting hole		Ø mm	14

all units are ready to use

3514-7R	
<b>spare parts</b>	
Knife heavy duty	371401
set of jaws	BG37222
knife-pin set	BG35055
<b>optional accessories</b>	
metal-box	18000
knife serrated heavy duty	371401Z



BG=Set

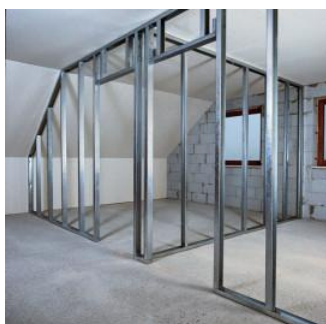
other voltages available



# Metal Stud & Stainless Steel Shear 3515

- for really hard jobs

- cutting without distortion or straightening of formed parts
- burr free cutting
- no finishing of the edges is required
- accurate cutting along a marked line
- single-side trimming is possible
- working speed up to 5 m/min
- cutting of U-, C- and L-profiles
- clear view to scribed line or template
- long life tool
- easy, one hand, operation
- simple and safe to use
- noise under limit regulations
- an insulated and suppressed motor
- **can cause no injury while in motion**



dry wall installation

- **heavy duty metal-shear for cutting stainless steel**
- standard knife for stainless steel
- **the metal-shear for steel studs up to 2 mm, 14 ga.**
- the ideal shear for maximum cutting and continuously operation
- stationary cutting in a vice possible

ideal for:

- ☒ metals studs up to 14 ga.



- ☒ stainless steel workshops
- ☒ kitchen and cabinet workshops
- ☒ ship and boat builders, etc.



commercial kitchen, food service & catering equipment manufacturing



cut-outs from drilled starting holes 12-14mm



cutting of shaped parts

DRACO Profile Metal Shear		type	3515
<b>max. cutting capacity</b>		Art.no.	61063
steel	400 N/mm <sup>2</sup>	mm/ga.	<b>2,0 / 14</b>
stainless steel	600 N/mm <sup>2</sup>	mm/ga.	<b>1,8 / 15</b>
stainless steel	800 N/mm <sup>2</sup>	mm/ga.	<b>1,5 / 16</b>
aluminum	250 N/mm <sup>2</sup>	mm/ga.	<b>3,0 / 10</b>
tightest radius		mm/inch	<b>200 / 8</b>
working speed	±	m/min	<b>5-7</b>
strokes		min <sup>-1</sup>	<b>2400</b>
motor capacity		Watts	<b>500</b>
weight		kg	<b>2</b>

all units are ready to use

3515 spare parts	
knife heavy duty	035151
set of jaws	BG35146
knife-pin set	BG35055
optional accessories	
metal-box	18000
support roller (metal)	BG10077



BG=Set

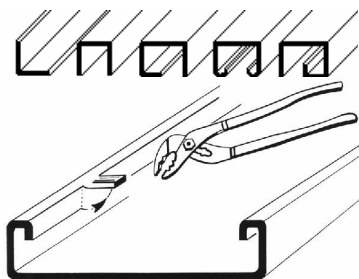
other voltages available



# Profile Metal Shear 3520

## General specifications:

- cuts without distortion or straightening of formed parts
- burr free cutting
- no finishing of the edges is required
- accurate cutting along a marked line
- single-side trimming is possible
- working speed up to max. 5 m./min.
- clear view to scribed line or template
- long life tool
- easy, one hand, operation
- simple and safe to use
- can cause no injury while in motion
- noise under limit regulations
- almost no maintenance necessary
- knife and jaws can be reground
- parts are standardized and interchangeable



some profiles need lifting up at the side with a pair of pliers

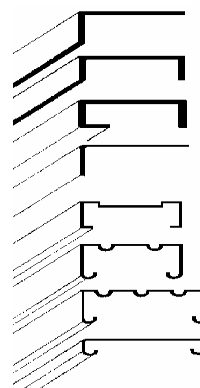
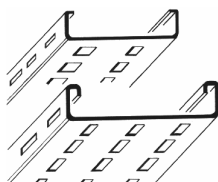
- shear ideal for all installation shops, examples: cable trays, coated cable trays, cable ladders, spiral tubing, mesh and wire
- the metal-shear for U-C-L profiles up to 2 mm
- new 500 watt motor
- bend folded cable trays cutting in one operation.
- even cutting of **stainless steel** cable trays without any problems (up to 1,5 mm / 18 ga.)
- optional knife serrated for coated materials
- mitring cuts of cable trays possible

## ideal for:

- ☒ shop installation
- ☒ for heating and ventilating
- ☒ ventilation system fabrication, partitions
- ☒ construction-plants, etc.

## also available:

pneumatic: type 19/3520  
12 Volt cordless tool:  
type AK 3520



cutting of shaped parts



Gold Medal  
Bavarian State Prize

DRÄCO Profile Metal Shear		type	3520
<b>max. cutting capacity</b>		Art.no.	61060
steel	400 N/mm <sup>2</sup>	mm/ga.	<b>2,0 / 14</b>
stainless steel	600 N/mm <sup>2</sup>	mm/ga.	<b>1,5 / 16</b>
stainless steel	800 N/mm <sup>2</sup>	mm/ga.	<b>1,3 / 18</b>
aluminum	250 N/mm <sup>2</sup>	mm/ga.	<b>3,0 / 10</b>
tightest radius		mm/inch	<b>200 / 8</b>
working speed	±	m/min	<b>5-7</b>
strokes		min <sup>-1</sup>	<b>2400</b>
motor capacity		Watts	<b>500</b>
weight		kg	<b>2</b>

all units are ready to use

3520	
<b>spare parts</b>	
Knife heavy duty	035201
set of jaws	BG35020
knife-pin set	BG35055
<b>optional accessories</b>	
metal-box	18000
serrated knife	035271
support roller (metal)	BG10077

BG=Set

other voltages available



# Corner Metal Shear 1017WB

## DRACO Corner Metal Shear 1017WB

ideal for:

- ☒ Ventilation shafts and pipes for modification
- ☒ Heating, Ventilating
- ☒ Limited space, or hard to get at places.

The new DRACO Angle Shaped Metal Shear 1017WB with electronic speed control 900 – 2000 RPM, is able to cut metal up to 2 mm 14 gauge and through seams 4 times 0.9 mm in thickness.

**This tool can cut openings in spiral pipes or any kind of ducts oval or round, for inspection, modification, maintenance or cleaning purposes. Because the tool is angle shaped it can be used for hard to get at places, corner cuts, etc.**

Ideal for square and circular cut outs and for the installation of fittings in spiral round or oval ductwork. The smallest radius possible is 45 mm (2"), max thickness 2 mm 14 gauge metal, 1.5 mm 18 gauge stainless steel and 3 mm 10 gauge aluminum, 500 watt motor, weight 2 kg, 4.3 pounds.

The Angle Shaped Metal shear 1017WB cuts right or left in radius, through a seam in one operation. PVC coated and colored materials are cut without sparks or scratch marks. The cuts are burr and distortion free.

No troublesome metal chips can fall out or into the cavities with the double cut system, the waste comes out at the top of the shear as a strip.



Corner and radius cuts are possible for hard to get at places



DRACO Corner Metal Shear			1017WB
max. cutting capacity		Art.No.	61470
steel	400 N/mm <sup>2</sup>	mm	2,0
stainless steel	600 N/mm <sup>2</sup>	mm	1,5
stainless steel	800 N/mm <sup>2</sup>	mm	1,2
aluminum	250 N/mm <sup>2</sup>	mm	3,0
duct- & Pittsburgh Seam	400 N/mm <sup>2</sup>	mm	4 x 0,75
tightest radius		mm	45
working speed		±m/min	5-7
strokes		min <sup>-1</sup>	900-2000
motor capacity		Watt	500
weight		kg	2

all units are ready to use

1017WB	
Spare parts	
Knife heavy duty	371401
set of jaws	BG37222
knife-pin set	BG35055
optional accessories	
metal-box	18000



BG=Set

other voltages available



## Cut like a Professional DO IT YOURSELF

These metal-shears are tools with many professional refinements, because the home handyman deserves the same efficient working aids as the trained craftsman. He too, should profit from the experience gained.

It is a indispensable tool for any metalworker, who has to cut metal occasional, without any deforming to surface and need of no after-work due to the double cutting system.

### Specific TYP I

- ideal for installations, air conditioning, ducting, aircraft manufacturing.
- a DO IT YOURSELF tool with many professional refinements
- assembling and removing attachment from electric, pneumatic or cordless drill is easy and simple
- for use with all European and foreign electric drills as: Bosch, Fein, AEG, Metabo, Hitachi, Makita, Skil with eurocollar 43 mm
- same as the DRÄCO S1001N-1, only without a motor.

### Specific TYP 1-SD5

- ideal for tinsmith and body coach workshops
- installation of car sun roofs
- support roller keeps the shear flat
- short curves possible
- assembling and removing attachment from drill is easy and simple
- for use with all European and foreign electric drills as: Bosch, Fein, AEG, Metabo, Hitachi, Makita, Skil with eurocollar 43 mm
- same as the DRÄCO SD5-1, without motor only

### TYP II

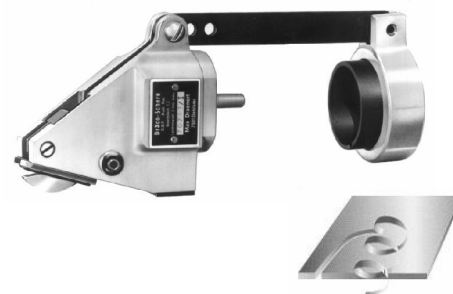
- specially for plastics as the DRÄCO S1002N (see page 13), without motor only



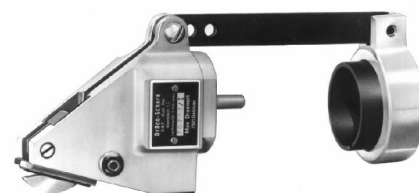
cut-outs from drilled starting holes 10-12mm

## Attachments

### TYP I-SD5



### TYP I



### TYP II



cutting of shaped parts

DRÄCO Attachments	type	TYP I-SD5	TYP I
<b>max. cutting capacity</b>	Art.no.	62500	62510
steel	400 N/mm <sup>2</sup> mm/ga.	<b>1,0 / 19</b>	<b>1,3 / 18</b>
stainl.steel	600 N/mm <sup>2</sup> mm/ga.	<b>0,7 / 21</b>	<b>1,0 / 19</b>
stainl.steel	800 N/mm <sup>2</sup> mm/ga.	<b>0,4 / 26</b>	<b>0,7 / 22</b>
aluminum	250 N/mm <sup>2</sup> mm/ga.	<b>1,5 / 16</b>	<b>2,0 / 14</b>
lead	mm/ga.	<b>3,0 / 10</b>	<b>3,0 / 10</b>
tightest radius	mm/ "	<b>50 / 2</b>	<b>100 / 4</b>
strokes optimal	min <sup>-1</sup>	<b>2000-3800</b>	<b>2000-3800</b>
strokes minimal	min <sup>-1</sup>	<b>1200</b>	<b>1200</b>
weight without drill	kg	<b>0,6</b>	<b>0,6</b>

all units are ready to use

TYP I-SD5	TYP I
knife 01011	knife 01001
set of jaws BG13574/1	set of jaws BG10600
knife-pin set BG12555	knife-pin set BG12555
<b>For spares TYP II see page 13</b>	
<b>optional accessories</b>	
adjustable guide S/01 up to 100 mm	10059
adjustable guide S/01 up to 250 mm	10060
adjustable guide S/01 up to 500 mm	10061
support roller	BG10076

BG=Set



# Plastic Shears

## ■ Splinter proof cutting of all synthetic resin and laminated plastic-materials:

Pk-TEX, Textolite, Formica, Perstorp, Ultrapas, Resopal, Celamin, Hornitex, Getalit, Novatex. Thermopal, Tacon, etc. \*\*

## ■ Fuzz and dust free cutting

Hardboard, Pavatex, Renovite, Karton, Masonit, Silvacolor, Hornitex, Glasal, etc. \*\*

## ■ Also:

Inlaid, Linoleum, Veneer, etc., Deliflex, Linoleum, Mipolam, PVC, Polyester (dust free!), etc. \*\*

## ■ flush trimming of projected edges with side guide

## ■ cutting of strips and edge-bands

## ■ NO PLEXIGLAS !

- easy, one hand, operation
- simple and safe to use
- insulated and suppressed motor

- accurate cutting along a marked line
- clear view to scribed line or template
- long life tool

- can cause no injury while in motion
- noise under limit

- low maintenance

- knives and jaws can be exchanged or re-sharpened

- also available as pneumatic version type 1950

## S1002N-1



flush trimming of projecting edges with side guide



assembling side guide with two wing screws



set of blocks, for straight cutting of corrugated plastics



S/02 adjustable guide for cutting strips or edge-bands

## 3550 — speed control



quick on & off side guide for flush trimming

DRACO Plastic Shears		S1002N-1	3550
max. cutting capacity	Art.no.	61310-1	61320
Board etc.	mm/ga.	5,0	5,0
PVC, ABS, PP, etc.	mm/ga.	3,0 / 10	3,5 / 9
Polyester, GFK, Formica, etc.	mm/ga.	2,0 / 14	3,0 / 10
Teflon, ABS, GFK, PVC etc.	better	with speed control	
tightest radius	mm/°	175 / 7	175 / 7
working speed	m/min	6	0 - 5
strokes	min <sup>-1</sup>	3000	2400
motor capacity	Watts	200	500
weight	kg	1,6	2

S1002N-1 & TYP II		3550	
spare parts		spare parts	
knife	01002	knife	01002
set of jaws	BG20600	set of jaws	BG20601
knife-pin set	BG12555	knife-pin set	BG12555
optional accessories			
metal-box		18000	
adjustable guide S/02	up to 100 mm	20062	
adjustable guide S/02	up to 250 mm	20063	
adjustable guide S/02	up to 500 mm	20064	
set of blocks for corrugated plastics		BG20065	

all units are ready to use

\*\* Trademarks

BG=Set

other voltages available





# Universal Shear UVS-1

- cuts without distortion or straightening of formed parts
- burr free cutting
- no finishing of the edges is required
- accurate cutting along a marked line
- single-side trimming is possible
- working speed up to 9 m/min
- clear view to scribed line or template
- long life tool
- easy, one hand, operation
- simple and safe to use
- noise under limit
- insulated and suppressed motor
- **can cause no injury while in motion!**
- all purpose use for different materials
- short curves possible
- ideal for thin sheet metalwork
- acoustic ceiling metal tiles, lighting fixtures

The Universal Shear UVS-1 is mostly used for interior-work, in buses, vans & trucks, to line or panel the roof, side or floor.

Tightest radius 30 mm to the left or right, depending on the thickness of the material.



for various interior work in buses, vans etc.



cut-outs from drilled starting hole

DRÄCO Universal Shear		UVS-1
<b>max. cutting capacity</b>	<i>Art.no.</i>	61340-1
steel	400 N/mm <sup>2</sup> mm/ga.	<b>1,0 / 19</b>
stainless steel	600 N/mm <sup>2</sup> mm/ga.	<b>0,7 / 23</b>
stainless steel	800 N/mm <sup>2</sup> mm/ga.	<b>0,5 / 25</b>
non ferro	250 N/mm <sup>2</sup> mm/ga.	<b>1,3 / 18</b>
<b>Sowaflex ®</b>	mm	<b>5,0</b>
PU, ABS etc., plastics	mm	<b>3,0-5,0</b>
cardboard etc.	mm	<b>6,0</b>
sealing materials	mm	<b>6,0</b>
tightest radius plastics	mm/ °	<b>30 / 1¼</b>
tightest radius metal	mm/ °	<b>50 / 2</b>
strokes	min <sup>-1</sup>	<b>3000</b>
motor capacity	Watts	<b>200</b>
weight	kg	<b>1,6</b>

all units are ready to use

UVS-1		
<b>spare parts</b>		
knife UVS standard	07014	
knife UVS serrated	07016	
set of jaws	BG13574/1	
knife-pin set	BG12555	
<b>optional accessories</b>		
metal-box		18000
adjustable guide S/01	up to 100 mm	10059
adjustable guide S/01	up to 250 mm	10060
adjustable guide S/01	up to 500 mm	10061
support roller		BG10076
adjustable guide S/02	up to 100 mm	20062
adjustable guide S/02	up to 250 mm	20063
adjustable guide S/02	up to 500 mm	20064

BG=Set

other voltages available

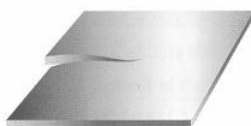


# Sheet Metal Shears 5016 & 5025

- convincingly practical machine for mid-range applications
- easy to exchange four-sided blade
- perfect shear if distortion is not a problem
- applicable to any curve
- chip-free cutting
- high durability
- fast, accurate cutting in every direction, even over the head
- excellent contouring
- clear, unimpeded view of work area and cutting line

## 5016

Single sided cutting tool for sheet metal up to 1,6 mm



## 5025

Single sided cutting tool for sheet metal up to 2,5 mm



DRACO Sheet Metal Shear			5016	5025
<b>max. cutting capacity</b>	<i>Art.no.:</i>		61356S1	61350
steel	400 N/mm <sup>2</sup>	mm	1,6	2,5
stainless steel	600 N/mm <sup>2</sup>	mm	1,2	2,0
stainless steel	800 N/mm <sup>2</sup>	mm	1,0	1,5
non ferro	250 N/mm <sup>2</sup>	mm	2,0	3,0
tightest radius		mm	15	20
working speed ±		m/min	8-12	5-7
strokes		min <sup>-1</sup>	1900	1600
motor capacity		Watt	350	500
weight		kg	1,8	2,3
min. start hole diameter		mm	28	28

5016		5025	
spare parts		spare parts	
knife	05016	knife	05025
Included accessories			
knife (2 cutters integrated)			
hex head wrench			
optional accessories			
metal-box		42861	



all units are ready to use

other voltages available

# Nibblers



DRÄCO offers three machine types for the cutting of a variety of materials such as mild steel, stainless steel, non-ferrous metals and plastics. All three provide distortion free cutting, easy guidance and unsurpassed maneuverability as the PN 4320 shows us.

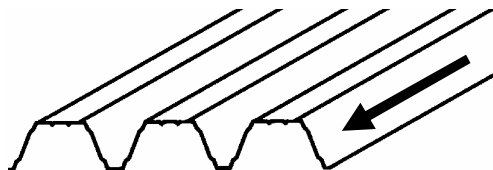
Corrugated and trapezoidal profiled sheet-metal can be cut cleanly without jamming using nibblers 1213, 1216, PN 4360 and PN 4361. Wide open angles allows the tools axis to tilt up to 60 degrees in either direction while cutting. This is sufficient for most common shapes and depths.

The most flexible and **universal nibbler** for corrugated materials is the **1213Z**

With the **PN 4361** the punch and die are located at the end of a long shaft. This arrangement allows the cutting of deep profile material up to 160 mm depth.

The punches of the nibblers are constructed of tempered, high speed tool steel and are regrindable to provide a long tool life.

Exception: Because of the **low priced punches of the 1012** most customers don't regrind them.



DRÄCO Nibblers work with a punching cut. Downward chip discharge guarantees clear view of the working area.

For the PN 4320 an optional chip bag provides a clean and simple method of chip collection. A special circle guide for round inside cuts (#20200) increases the options for this nibbler. With this device, small jobs and complicated parts can be produced simply and precisely. Rounded corners and circles are easy to produce.

DRÄCO nibblers offers a superior, emission free and environmentally safe alternative to traditional methods of cutting with abrasive wheels, reciprocating blades or gas and plasma torches. Easy operation makes the DRÄCO nibblers an ideal work companion.

## Our advice:

For speedy cutting of corrugated material **length wise**, it's ideal to use the DRÄCO metal shear S1001N-1 or 2020 depending on the material thickness.





## Cold and emission-free operation

- extremely maneuverable, easy operation
- fast, safe cutting of corrugated, trapezoidal and square sheet profiles
- high cutting capacity
- chips ejected below material, guarantees clear, unimpeded view of the working area and the cutting line
- cuts all materials that can be punched, such as mild steel, stainless steel, aluminum, non ferrous metals and plastics
- crosswise and angle cut of corrugated materials
- Optimum ease of use, excellent maneuverability and curve-going
- High cutting speed for rapid work
- Tool free adjustment of the working direction in steps of 45°
- long life tools
- superior, emission-free operation
- free from sparks or heating
- no damage or scratch marks to painted or coated materials
- Simple tool changing without requiring re-adjustment



DRÄCO Corrugated Nibbler		type	1213Z
max. cutting capacity		Art.no	61207Z
steel	400 N/mm <sup>2</sup>	mm/ga.	1,3 / 18
stainless steel	600 N/mm <sup>2</sup>	mm/ga.	0,5 / 25
non ferro	250 N/mm <sup>2</sup>	mm/ga.	1,0 / 19
depth of profiles max.		mm/inch	120-250 / 4¾-10
tightest radius		mm/inch	30/1¼
working speed		m/min	1,3
strokes		min <sup>-1</sup>	1500
motor capacity		Watts	350
weight		kg	1,8

all units are ready to use

## Corrugated-electric Nibbler 1213Z

Successor of 1012

1213Z	
spare parts	
punch	12130002
die	12130003
optional accessories	
Profile set 160 mm kpl.	
metal-box	12160005
nibbling oil (bottle 1,0L)	18000
nibbling oil (spray 0,5L)	20198



other voltages available



# Corrugated-electric Nibbler

## 1216

### Cold and emission-free operation

Flexible nibbler for thin sheet metals, trapezoidal sheet metals, corrugated sheet metals and profiles.

- HIGH-POWER-MOTOR for unmatched performance and durability
- Unique nibbler for sheet metal up to 1,6 mm
- Ideally suited for all trapezium sheet materials up to 85 mm deep
- Profile set for all deep-channel sheet metals
- Very low operating costs by die and punch with long service life
- Optimum ease of use, excellent maneuverability and curve-going
- High cutting speed for rapid work
- Tool free adjustment of the working direction in steps of 45°
- Simple tool changing without requiring readjustment
- Also overlay areas can be cut



Profile set 160 mm



**Quick IN'OUT  
tool free!**



Standard



with Profile set 160



corrugated & trapezoidal sheets

#### Other versions:

Typ		Art.no
1216KL	incl.Profile set 160 =short+long	61207KL
1216L	only with Profile set 160 = lang	61207L

DRACO Corrugated Nibbler		type	1216
max. cutting capacity		Art.no.	61207
steel	400 N/mm <sup>2</sup>	mm	1,6
stainless steel	600 N/mm <sup>2</sup>	mm	1,0
stainless steel	800 N/mm <sup>2</sup>	mm	0,7
non ferro	250 N/mm <sup>2</sup>	mm	2,5
depth of profiles max.		mm	85/160
tightest radius		mm	35
working speed		m/min	1,9
strokes		min <sup>-1</sup>	1500
motor capacity		Watt	350
weight		kg	1,8

1216	
spare parts	
punch + die SET	12160001
Punch	12160002
Die	12160003
punch f. profile set 160	12160102
die f. profile set 160	41577
optional accessories	
profile set 160 mm cpl.	12160005
metal-box	18000
nibbling oil (bottle 1,0L)	20198
nibbling oil (spray 0,5L)	20199

all units are ready to use

other voltages available



## Nibbler PN 4320

- portable easy operation
- hollow round punch for 360 degree movement (rotation on the spot)
- high capacity with burr-free cut quality
- fast, safe cutting of all materials that can be punched, such as mild steel, stainless steel, aluminum, non-ferrous metals and plastics
- rotating tool system allows changing cutting direction
- cold, fume-free cutting
- long tool life
- regrindable, easy to change tooling
- ideal tool for internal cut-outs
- single-hand working to scribed line, or to a template

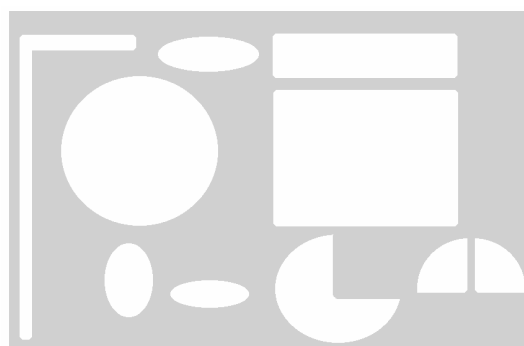
Ideal for:

- ☒ control cabinet fabrication
- ☒ ventilation system fabrication
- ☒ air duct construction and installation
- ☒ boat and ship builders lighting fixture construction, etc.

Also available as pneumatic version for application in hazardous areas, or as a cordless tool 12 Volt (AK 3200)



examples for cut-outs :

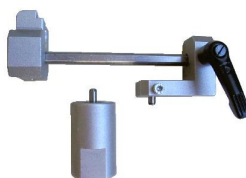


cutting width : 8 mm  
starting hole : 16 mm Ø

**adjustable circle guide:**  
60- 400 mm Ø 20200



chip bag



circle guide

DRÄCO Nibbler		type	PN 4320	
max. cutting capacity		Art.no.	61230	
			flat material	corrugated
steel	400 N/mm <sup>2</sup>	mm/ga.	<b>2,0 / 14</b>	<b>1,5 / 17</b>
stainless steel	600 N/mm <sup>2</sup>	mm/ga.	<b>1,5 / 17</b>	<b>1,0 / 19</b>
stainless steel	800 N/mm <sup>2</sup>	mm/ga.	<b>1,0 / 19</b>	<b>0,7 / 21</b>
non ferro	250 N/mm <sup>2</sup>	mm/ga.	<b>2,5 / 12</b>	<b>2,5 / 12</b>
tightest radius		mm	<b>4</b>	
working speed		m/min	<b>1,3</b>	
strokes		min <sup>-1</sup>	<b>0-1400</b>	
motor capacity		Watts	<b>500</b>	
weight		kg	<b>1,9</b>	

PN 4320	
spare parts	
punch	42499
die	42508
optional accessories	
die for corrugated material	44460
chip bag	42622
metal-box	18000
nibbling oil (spray 0,5L)	20199
nibbling oil (bottle 1,0L)	20198
circle guide	20200

all units are ready to use

speed control available in 230V only

other voltages available



# Profile Nibblers

**Cold and emission-free operation**

**PN 4360: profile height up to 79 mm**  
**PN 4361: profile height up to 162 mm**

## PN 4361

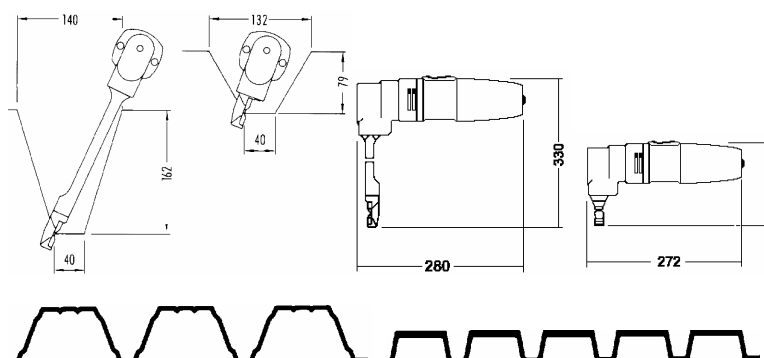
- extremely maneuverable, easy operation
- fast, safe cutting of corrugated, trapezoidal and square sheet profiles
- welded seams and double sheet can be cut, even corners with acute angles
- high cutting capacity
- chips eject below material, guarantees clear, unimpeded view of the working area and the cutting line
- cuts all materials that can be punched, such as mild steel, stainless steel aluminum, non ferrous metals and plastics
- tooling system allows cutting direction to be changed as required
- long life tools
- regrindable, easy to change tooling
- superior, emission-free operation
- free from sparks or heating
- no damage or scratch marks to painted or coated materials

ideal for:

- ☑ halls, factories, roof and wall in corrugated materials
- ☑ roofers
- ☑ shop installation etc.



## PN 4360



Also available as pneumatic (or cordless tools) version for application in hazardous areas

DRÄCO Profile Nibblers		type	PN 4361	PN 4360
<b>max. cutting capacity</b>		Art.no.	61220	61210
steel	400 N/mm <sup>2</sup>	mm/ga.	<b>1,6 / 16</b>	<b>2,0 / 14</b>
stainless steel	600 N/mm <sup>2</sup>	mm/ga.	<b>1,0 / 19</b>	<b>1,2 / 18</b>
stainless steel	800 N/mm <sup>2</sup>	mm/ga.	<b>0,7 / 21</b>	<b>1,0 / 19</b>
non ferro	250 N/mm <sup>2</sup>	mm/ga.	<b>2,5 / 12</b>	<b>2,5 / 12</b>
depth of profiles max.		mm/ "	<b>162 / 6½</b>	<b>79 / 3</b>
tightest radius		mm/ "	<b>50 / 2</b>	<b>70 / 2¾</b>
starting hole		mm/ "	<b>24 / 1</b>	<b>24 / 1</b>
working speed		m/min	<b>2</b>	<b>2</b>
strokes		min <sup>-1</sup>	<b>0-1400</b>	<b>0-1400</b>
motor capacity		Watts	<b>500</b>	<b>500</b>
weight		kg	<b>2,0</b>	<b>1,8</b>

PN 4361 & PN 4360	
<b>spare parts</b>	
punch	41576
die	41577
wear plate	41579
screw (Torx)	41022
<b>optional accessories</b>	
transport-box for PN 4361	42861
metal-box for PN 4360	18000
nibbling oil (bottle 1,0L)	20198
nibbling oil (spray 0,5L)	20199

all units are ready to use

speed control available in 230V only

other voltages available





# Cordless Shears

## The cordless system 3000:

- ergonomic designed motor
- Power Plus motor: 30% more power
- 2,0 Ah 24,0 Wh highest quality, long life battery packs
- cutting up to 120 meters with one battery charge
- universal super-rapid charger SRC (15 min)
- charger is suitable for charging all systems 3000 battery packs
- computer controlled pulse charging technology charges batteries quickly and gently, leading to a threefold increase in life of battery packs
- fail-safe polarity protection
- fully automatic functions: continuous temperature monitoring and switching from quick charge to trickle charge make overcharging impossible!
- LED control panel reports charging status or malfunction
- in conjunction with battery charger SRC, batteries can be charged 3000 times or more
- no "memory effect"



### 5-pcs. craftsmen-set consists of:

- ✓ 1 shear or nibbler
- ✓ 1 charger SRC (15 min.)
- ✓ 2 batteries BXS
- ✓ 1 transportbox

### 4-pcs. set consists of:

- ✓ 1 shear or nibbler
- ✓ 1 charger RC (60 min.)
- ✓ 1 battery BXS
- ✓ 1 transportbox

DRÄCO Cordless Shears	AK 3010	AK 3013	AK 3017	AK 3520	AK 3514-2	AK 3514-7R
Item number 5-pcs.craftsmen-set:	30103	30133	30173	35203	351423	351473
<b>max. cutting capacity</b>						
steel 400 N/mm <sup>2</sup> mm/ga.	1,0 / 19	1,3 / 18	1,6 / 17	2,0 / 14	2,0 / 14	2,0 / 14
stainl.steel 600 N/mm <sup>2</sup> mm/ga.	0,7 / 21	1,0 / 19	1,3 / 18	1,3 / 18	1,3 / 18	1,3 / 18
stainl.steel 800 N/mm <sup>2</sup> mm/ga.	0,4 / 25	0,7 / 21	1,0 / 19	1,0 / 19	1,0 / 19	1,0 / 19
non ferro 250 N/mm <sup>2</sup> mm/ga.	1,5 / 17	2,0 / 14	2,5 / 12	2,5 / 12	2,5 / 12	2,5 / 12
tightest radius ±mm/ "	50 / 2	100 / 4	140 / 5½	200 / 8	200 / 8	45 / 1¾
working speed ±m/min	3,5	3,5	3,5	4	4	4
strokes ±min <sup>-1</sup>	1800	1800	1800	1800	1800	1800

*operational field of the cordless shears: see the electric versions SD5-1, S1001N-1, 2017, 3520, 3514-2 & 3514-7R.*

DRÄCO Cordless Nibblers	AK 3160	AK 3161	AK 3200
Item number 5-pcs.craftsmen-set:	31603	31613	32003
<b>max. cutting capacity</b>			
steel 400 N/mm <sup>2</sup> mm/ga.	1,6 / 17	1,6 / 17	2,0 / 14
non ferro 250 N/mm <sup>2</sup> mm/ga.	1,0 / 19	1,0 / 19	1,5 / 17
tightest radius ± mm/inch	50 / 2	70 / 2¾	4 / 1/8
working speed ± m/min	1	1	1
strokes ± min <sup>-1</sup>	1200	1200	1200

*operational field of the cordless nibblers: see the electric versions PN 4360, PN 4361 & PN 4320.*

Note:

Due to temperature and material, cutting capacity per battery charge can be over- or under the average.



## Cordless System 3000 overview

### AK 3010

- ideal for tin smiths and roofers
- accurate curve and burr-free cutting
- knife and jaws can be re-sharpened and exchanged
- shear head AK 3010 equivalent to SD5-1



### AK 3013 and AK 3017

- ideal for site work
- burr-free cutting
- shear blade head with regrindable and exchangeable blades
- shear head AK 3013 equivalent to S1001N-1



### AK 3520

- ideal for all shop installation, for example: cutting cable trays, steel studs
- shear blade head with regrindable and exchangeable blades
- shear head AK 3520 equivalent to 3520



### AK 3514-2 & AK 3514-7R

- spiral ducting
- roof & wall claddings
- through seams 6 times folded
- mesh and wire
- shear head AK 3514-2 equivalent to 3514-2
- shear head AK 3514-7R equivalent to 3514-7R



### AK 3200

- excellent curve negotiation and narrow cutting radius
- rotating tool system allows changing cutting direction 360° without difficulties
- shear head AK 3200 equivalent to PN 4320



### AK 3161 (long version)

- corrugated materials up to 162 mm deep profiles
- shear head AK 3161 equivalent to PN 4361



### AK 3160 (short version)

- corrugated materials up to 79 mm deep profiles
- shear head AK 3160 equivalent to PN 4360





# Pneumatic Metal Shears

## 1910, 1913 & 1920

- cuts without distortion or straightening of formed parts
- burr free cutting
- no finishing of the edges is required
- accurate cutting along a marked line
- single-side trimming is possible
- working speed up to 9 m/min
- cutting of U-, C- and L-profiles
- clear view to scribed line or template
- long life tool
- easy, one hand, operation
- simple and safe to use
- noise under limit
- low air consumption
- ideal for application in hazardous areas



adjustable guide S/01  
for straight cuts



cut-outs from drilled starting hole 10-14mm

### specific 1910:

- short curves possible
- ideal for body-coach workshops
- installation of car sun roofs
- support-roller keeps the shear flat
- shear head equivalent to SD5-1

### specific 1913:

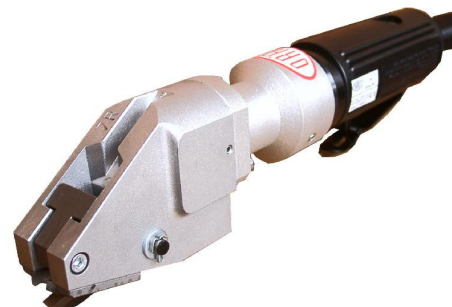
- ideal for installation, air conditioning, ducting, aircraft manufacturing
- for application in hazardous (explosive) areas
- ideal for U-, C-, & L-profile cutting
- shear head equivalent to S1001N-1

### specific 1920:

- rugged tool for higher cutting capacity
- ideal for U-, C-, & L-profile cutting
- shear head equivalent to 2020

### ideal for:

- ☒ sheet metal workshops
- ☒ air conditioning
- ☒ control cabinet fabrication
- ☒ for application in hazardous (explosive) areas



cutting of shaped parts

DRÄCO Metal Shears		type	1910	1913	1920
<b>max. cutting capacity</b>		Art.no.:	62030 -1	62040 -1	62050 -1
steel	400 N/mm <sup>2</sup>	mm/ga.	<b>1,0/19</b>	<b>1,3/18</b>	<b>2,0/14</b>
stainl. steel	600 N/mm <sup>2</sup>	mm/ga.	<b>0,7/21</b>	<b>1,0/19</b>	<b>1,5/17</b>
stainl. steel	800 N/mm <sup>2</sup>	mm/ga.	<b>0,4/24</b>	<b>0,7/21</b>	<b>1,3/18</b>
aluminum	250 N/mm <sup>2</sup>	mm/ga.	<b>1,5/18</b>	<b>2,0/14</b>	<b>3,0/10</b>
tightest radius		mm/ "	<b>50/2</b>	<b>100/4</b>	<b>200/8</b>
working speed		m/min	<b>9</b>	<b>9</b>	<b>9</b>
strokes		min <sup>-1</sup>	<b>3000</b>	<b>3000</b>	<b>3000</b>
air-consumption at 6 bar/min.		m <sup>3</sup> ±	<b>0,18</b>	<b>0,18</b>	<b>0,18</b>
motor capacity		Watts	<b>200</b>	<b>200</b>	<b>200</b>
weight		kg	<b>1,3</b>	<b>1,3</b>	<b>1,3</b>
noise		db(A)	<b>78</b>	<b>78</b>	<b>78</b>

all units are ready to use

spare parts	1910	1913	1920
knife	01011	01001	010135
set of jaws	BG13574/1	BG10600	BG13574
knife-pin set	BG12555	BG12555	BG12555

optional accessories		
adjustable guide S/01	up to 100 mm	10059
adjustable guide S/01	up to 250 mm	10060
adjustable guide S/01	up to 500 mm	10061
support roller (plastic)		BG10076
support roller (metal)		BG10077

BG=Set



# Pneumatic Metal Shears

## 19/3514-2, 19/3514-7R & 19/3520

- cuts without distortion or straightening of formed parts
- burr free cutting
- no finishing of the edges is required
- accurate cutting along a marked line
- single-side trimming is possible
- working speed up to 9 m/min
- cutting of U-, C- and L-profiles
- clear view to scribed line or template
- long life tool
- easy, one hand, operation
- simple and safe to use
- noise under limit
- low air consumption
- ideal for application in hazardous areas

### Advantage of 19/3514-2:

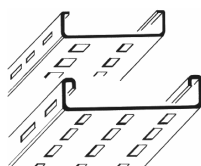
- Ideal for recycling companies, because of cutting through seams in barrels, also for cutting open lids in barrels, to empty the contents.
- important, if contents are inflammable, Pneumatic Metal shear cuts without sparks.
- serrated knife for better grip when cutting through painted or dirty material.

### Advantage of 19/3514-7R:

- Cutting of a small radius, outside or inside.
- Ideal for inside cutting in spiral ducts, through the seams.

### Advantage of 19/3520:

- This cutting tool is ideal for cutting metal up to 2 mm, also through profiles and steel studs.



cut-outs from drilled starting hole 12-14mm



cutting of shaped parts

DRÄCO Metal Shears		19/	3514-2	3514-7R	3520
max. cutting capacity		Art.no.:	62060 -1	62070 -1	62080 -1
steel	400 N/mm <sup>2</sup>	mm/ga.	2,0/14	2,0/14	2,0/14
stainl. steel	600 N/mm <sup>2</sup>	mm/ga.	1,5/17	1,5/17	1,5/17
stainl. steel	800 N/mm <sup>2</sup>	mm/ga.	1,3/18	1,3/18	1,3/18
aluminium	250 N/mm <sup>2</sup>	mm/ga.	3,0/10	3,0/10	3,0/10
tightest radius		mm/ "	200/8	45/1¾	200/8
duct & Pittsburg Seam		mm/ "	4x0,9	4x0,7	4x0,7
double lock seam 250N/mm <sup>2</sup>		mm/ "	6x0,7		
working speed		m/min	9	9	9
strokes		min <sup>-1</sup>	3000	3000	3000
air-consumption at 6 bar/min.		m <sup>3</sup> ±	0,18	0,18	0,18
motor capacity		Watts	200	200	200
weight		kg	1,3	1,3	1,3
noise		db(A)	78	78	78

all units are ready to use

spare parts	19/3514-2	19/3514-7R	19/3520
knife	03514	37140	03520
set of jaws	BG35146	BG37222	BG35020
knife-pin set	BG35055	BG35055	BG35055

### optional accessories

support roller (plastic)	BG10076
support roller (metal)	BG10077

BG=Set





# The TOTAL ROOFING SYSTEM

for double lock-standing seam –  
from coil to roof



Since 1951, DRÄCO has been a partner to the trade and industry, clients require the same quality and service we expect ourselves. Quality products, quality control, customer feedback and practical testing form the basis of our company philosophy. We offer practical advice and loyalty to our dealers.

This means that DRÄCO has now grown into a multi-national group with more than 60 foreign agencies. We attend trade fairs in Germany and many other countries to gain ideas and contacts.

Every product has been developed by us in direct co-operation with practical users from the most diverse of fields and the DRÄCO TEAM.

This gives a guarantee to both the user and the trade, that they own a product which has been specially designed for the purpose.

The desire for improvement comes from the practical user, an idea designed and refined using German tradition – the result is quality in metalworking for roof and wall, profile forming systems, seaming machines, hand tools and metal shears, powered by electric, compressed air or batteries for use in the workshop and on the construction site.

Contact your dealer, or call us direct for full information on DRÄCO Roof and Wall tools and machines. The cost-effective design of the equipment will keep you ahead of your competition.

The most complete equipment package for architectural double lock-standing seam is illustrated on the following pages.

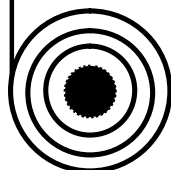
## ***New products:***

***DRÄCO Round Profile Seamer. See page 37.***

***DRÄCO Bender Family. See page 44.***

## **Bavarian state prize**

awarded at the international Trade Fair in Munich for the DRÄCO Pan former K1.



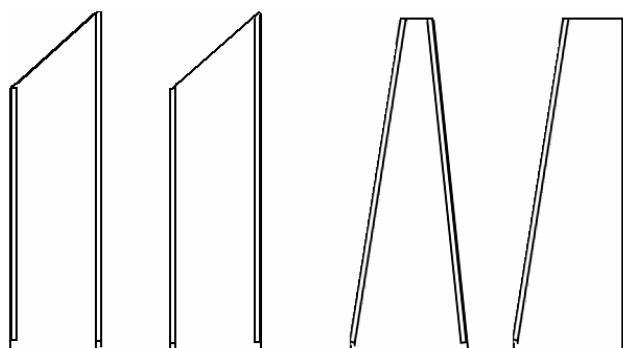


## Panformers Series K 25 230V or 115V



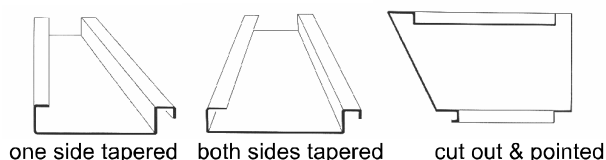
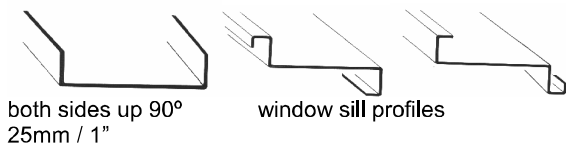
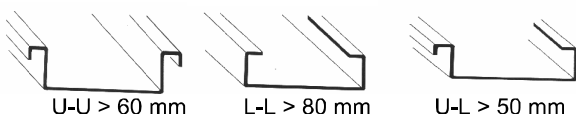
VARIO PROFI K25-VP

Entrance guides are adjustable with scales on both sides for any kind of material and hardness for exact panel measurements.



ideal for tapered pointed and cut out panels

### Panel Variations



all variations of cut-outs on both sides or pointed shapes  
can be roll-formed

### Panformer VARIO PROFI K25-VP

Indispensable for all Roofers

Ideal as a supplement to any Roll form  
Equipment

	Art.no.:	0,75kW	kg
K25-VP	91460	230V	255
	91461	115V	

### Technical details:

steel, aluminum, copper, zinc	mm	0,4 - 0,8
stainless steel	mm	0,4 - 0,5
length	mm	2270
width	mm	1100
height	mm	1160
machine length	mm	1040
machine height	mm	800
machine width	mm	1100
length incl. guides	mm	2270
width incl. guides	mm	750
panel width min.	mm	50
panel width max.	mm	~
panel length min.	mm	330
seam height	mm	25
working speed	±m/min	11

DRÄCO offers the finest, high-quality, operator-  
friendly Rolling Equipment on the market.

This new Rollform Machine VARIO PROFI 25-VP is  
a supplement to any Rollform Equipment and is ideal  
for both on-site and workshop use.

The VARIO PROFI 25 is equipped with 2 castors, 2  
crane lifting eyes and control box. Working height 80  
cm, therefore easy access to left and right forming  
stations.

The VARIO PROFI 25 has been designed to form  
under cloak or over cloak (female and male) profiles  
on pre-cut and shaped panels, one side at a time.  
This allows straight and tapered panels to be formed  
with different profiles, down to the smallest width of  
50 mm (see "Panel Variations"). Pan former VARIO  
PROFI 25 is able to produce panels from 50 mm  
min. to any width.

- ☒ forming on one side only, fast and without any  
adjustments.
- ☒ no width adjustments necessary.
- ☒ tapered panels down to width 50 mm/2" .
- ☒ seam height 25 mm/1" .
- ☒ easy to transport from workshop to site.



## Panformers Series K 25 230V or 115V



Pic.: K25-PQLB

- The PROFIMA - 25 is a fully mobile panformer ideal for both the workshop and for on-site operation.
- All functions and adjustments are positioned to one side of the machine. It is easy to transport, light weight with two castors mounted on frame. This saves on freight costs, shortages and the need for difficult leak prone panel end laps.
- The guillotine-shear K25-QMT cuts panels without distortion and burr-free.
- equipped with 4 crane lifting eyes.
- The PROFIMA – K 25 produces standard 25 mm seam height panels in widths from 290 mm up to 800 mm plus tapered panels.

The DRÄCO name is known throughout the architectural metal panel industry for their innovation and superior quality.

Basic version K25-PRF/800 :



### Pan Former PROFIMA K 25

Art. No.:	91400 Basic version	91450 Complete version*
	<b>K 25-PRF/800</b>	<b>K 25-PQLB/800</b>

#### Technical Data:

aluminium, copper, zinc, steel	mm	0,4 - 0,8
stainless steel	mm	0,4 - 0,5
panel width	mm	300- 800
length	mm	2200
width	mm	1300
height	mm	860
weight K25PFR/800	kg	300
weight K25-PQLB/800	kg	360
seam height	mm	25
working speed	± m/min	11
capacity	kW	0,75
voltage	V	230 or 115

#### additional options for K 25-PRF

Art. no.

■ guillotine shear 800	<b>K25-QMT</b>	<b>91410 *</b>
■ mech. measuring device	<b>K25-MV</b>	<b>91416 *</b>
■ metal shear slitter incl. bracket	<b>K25-BSEW</b>	<b>91430 *</b>
■ limit switch with 12m cable	<b>K25-EAS</b>	91420
■ set of stiffening rolls	<b>K25-SR</b>	91440
■ expanding roller conveyor	<b>K25-SBR</b>	91480
■ decoiler up to 2 tons	<b>K1-CW/100</b>	91201
■ coil trolley up to 250 kg	<b>K1-AG</b>	91280

\* included in the complete version K25-PQLB

## PROFIMA Details and Accessories



### Electric Mechanical Measuring Device K25-MV

Switches the Panformer off, after reaching the programmed length. The last programmed length stays in the counter. Simply press the reset lever once to repeat the same length.

Pre-selection Counter, with one preset adding mode and switch for operation or non - operation.



### Guillotine Shear K25-QMT.

Cuts the panels at the exit, therefore short panels can be manufactured for walls, from the coil without difficulties. The guillotine shear cuts the panel without distortion, burr-free and not damaging the surface of pre-painted or patinated material. Extremely short panels possible.

A big advantage over other Panformers, where the cut for panels is at the entrance guide and the material has to be fed into the machine in single operation.



To produce panels on top of the roof, the supporting legs can be adjusted to the slope of the roof.



Width adjustment by hand wheel by a scale, exact to the mm.



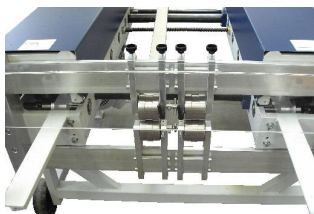
### Electric Metal Slitter Shear K25-BSEW with entrance guide and material guide.

To produce narrow panels from a wider coil, in one operation without distortion and deforming the material. When disassembled from the pan former, the Metal Shear can be used for hand-cutting.

These are the advantages against stationary cutting-rolls.

### Stiffening Rolls K25-SR ( Two pairs )

For additional rigidity use the adjustable stiffening rolls. The maximum lowest point 1.5 mm, adjusted or disengaged through an eccentric shaft. Possibility to additional ribs, more the two.



### Turbo S

Lubrication for pre-patinated materials. Improves pan forming and seaming. Protects tools and machines.

Item No. HW0039 1 liter





## Profile Forming System K 1

Produces profiles in roll form quality,  
from coil or sheet "

K1-W-VA/800 fully automatic forming system



### The range of Panformers:

**K1-W/VA** a fully automatic Panformer, with frame mounted on four castors with brake. Grad of automation selectable by user (manual, semi- & fully automatic).

**K1-mobile**, mounted on a trailer, including frame, tarpaulin, spare wheel, crank supports & tandem axle. For mobile use on site.

Other combinations are available.



detail picture of guillotine shear (K1-QB)  
with electric motor (K1-EUQB). Picture without cover.



programmable electronic measuring device (K1-LET)  
„Touch-Screen“

**easy & comfortable operation !**

**NEW**

### Technical Data:

16A / 230V / 50-60 Hz

length K1-W/800	mm	3350
width K1-W/800	mm	1450
length K1-W/1000	mm	3200
width K1-W/1000	mm	1650
total height	mm	1200
material thickness	mm	0,4-0,8
strip width <b>K1-W/800</b>	mm	<b>380- 800</b>
strip width <b>K1-W/1000</b>	mm	<b>380- 1000</b>
min. sheet length	mm	1000
folding height standard	mm	<b>25</b>
or folding height (add. charge)	mm	<b>38</b>
working speed	m/min	18
weight K1-W/800 ca.	kg	675
weight K1-W/1000 ca.	kg	770

**Optional voltage: 115 Volt and 230 Volt (both) with transformer**

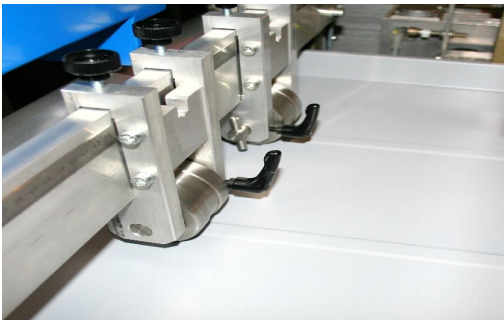
Supplied complete with:

- ☒ frame
- ☒ limit switch
- ☒ stiffening rolls (2 pair) K1-SR
- ☒ guillotine shear

optional accessories		Art. no.:
■ metal shear slitter with guide	<b>K1-BSE</b>	91145
■ SM-rolls for special long cleats and "clip relief"	<b>K1-SMR</b>	91150
■ trailer 1600L	<b>K1-AH</b>	91100
■ coil cutter at entrance guide	<b>K1-EAR</b>	91131
■ lubrication unit for QMT	<b>K1-SE</b>	91141
■ transformer for 115 Volt		K101262
■ decoiler for coil width up to 800 mm	<b>K1-CW/100</b>	91201
■ decoiler for coil width up to 1000 mm	<b>K1-CW/125</b>	91202
■ decoiler for coil width up to 1250 mm	<b>K1-CW/150</b>	91205

### K1-characteristic features of all versions:

- ☒ accurate profile forming of coated and non-coated sheet metal (no damage)
- ☒ steel, aluminum, copper, zinc (weathered), plastic-coated sheet metal up to 0,8 mm (21 ga.) in thickness, stainless steel up to 0,5 mm
- ☒ working speed approx. 15 m/min.
- ☒ profile height 25 mm (standard) or 35 mm
- ☒ forward/reverse operation
- ☒ jog button control at entrance and panel exit
- ☒ connection 115-230-240V, no three-phase current required
- ☒ driven by 4 sets rubber drive rolls
- ☒ forming rolls made of stainless steel and can be hardened optional
- ☒ for additional panel rigidity use the adjustable stiffening rolls. Max. 1,5 mm deep ribs



Stiffening rolls K1-SR

### Profile Forming System K1-mobil

The ideal combination for any roofer, just load coils and reels on the towing vehicle, attach the K1-mobil and you are ready for the site

The K1-mobil can be easily operated and maneuvered by one person

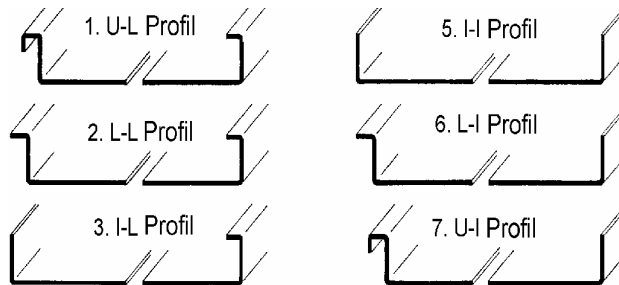
### The Tandem Axle Trailer

- ☒ brake and automatic back up brake
- ☒ unique design of welded structural profiles
- ☒ frame hot dip galvanized
- ☒ rubber spring axle with independent wheel suspension

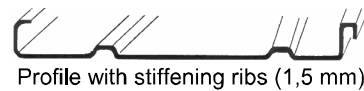


- ☒ all four sides can be folded down
- ☒ low loading height
- ☒ easy access loading area with a minimal overall width of trailer

- ☒ no deformation or waves in the material
- ☒ high profile accuracy, also in length
- ☒ machine is adjustable for different coil width 380 - 800 mm (or 380 - 1000 mm) by using a hand wheel
- ☒ 6 different 25 mm profiles possible
- ☒ lean adjustment on both sides for lateral expansion on under and over cloak (female-male)



- ☒ panel length can be set with a limit switch (manual) or by the electronic measuring device programmable for 160 different length up to 100 pieces each.



Tandem trailer with tarpaulin

- ☒ sides made of aluminum
- ☒ floor made of non-slip wood
- ☒ spare wheel fitted as standard
- ☒ two support brackets in the rear to prevent trailer rolling and for straight adjustment.

### Technical data trailer

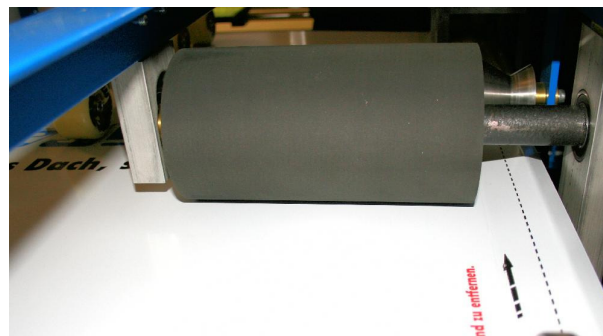
permissible gross weight	1600 kg
net weight	485 kg
utility load	1115 kg
tyres	13 inch

more



## Innovative driving system with vulcanized transport rolls

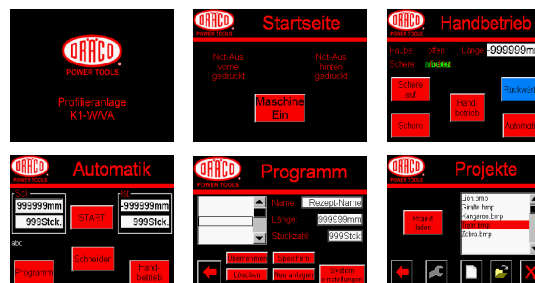
The material driving system of series K1 moves the material independently of the forming stations. The forming stations do not need to be powered. The material has enough space and will not be pressed or warped. This prevents oil canning of fragile materials.



## Touch Screen Display

As can be seen on the screen shots the operating is extremely easy and intuitive. Depending on users requirements the display shows just what's needed at that point of automation.

The display allows simple manual operation as well as programming and the input of complete projects including all dimensions and quantities.



## K1 Models:

### Profile Forming System K1-W VA / 800 and K1-W VA / 1000:

#### Semi- or fully automatic profiling.

Incl. support (K1-UG), stiffening rolls (K1-SR), limit switch (K1-EAS) electric guillotine shear (K1-EUQB). electronic measuring device (K1-LE).



Art. No.	91020	91025
	<b>K1-W VA / 800</b>	<b>K1-W VA / 1000</b>

### Mobile Profile Forming System K1-m VA / 800 and K1-m VA / 1000:

#### Semi- or fully automatic profiling.

Incl. trailer (K1-AH), limit switch (K1-EAS) stiffening rolls (K1-SR), electric guillotine shear (K1-EUQB) and electronic measuring device (K1-LE).



Art. No.	91040	91045
	<b>K1-m VA / 800</b>	<b>K1-m VA / 1000</b>

800 = up to 800 mm coil width / 1000 = up to 1000 mm coil width



## Arch-Bending-Machine

### Arch-Bending-Machine PROFI-FORM K25-RBPE (variable speed)

The ARCH BENDING MACHINE has been developed for bending profiled panels, height 25 mm to a minimum radius of 600 mm.

	Art. no.:	0,37kW	kg
<b>K25-RBPE</b>	91475	230 V	220
<b>K25-RBPE</b>	91476	115 V	220

#### Technical details:

aluminum, copper, zinc, steel	mm	0,4 - 0,8
stainless steel	mm	0,4 - 0,5
length	mm	1050
width	mm	1050
height	mm	1480
weight	kg	320
panel width	mm	240- 780
seam height	mm	25
radius of panels min.	mm	600
working speed K25-RBPE ±	m/min	2 - 12



The PROFI FORM K 25 Arch Bending Machine has been developed for curving profiled roofing panels produced with any panformer.

Profiled panels from 240 mm to 780 mm in width can be curved to a minimum radius of 600 mm in one pass. All adjustments are positioned to one side of the machine with scale accuracy and for uniform pressure adjustments.

The PROFI FORM K 25 will produce curved panels, curved to flat and flat to curved, plus tapered panels in two operations.

The PROFI FORM K 25 is the ideal machine for fast curving of profiled panels for arches, domes, dormer, barrel vaulted roofs etc.

Four castors are mounted to the frame for easy transportation.

**The Arch Bending Machine will be delivered with a variable speed control (type K25-RBPE). The working speed can be adjusted from 2-12 m/min., for effective working in curving long panels.**

Older DRÄCO Arch Bending Machines can be fitted in the factory with the variable speed control (K25-RSD).

- easy to handle
- no damage to painted or coated sheets
- complete equipped, no options or extra's necessary
- ergonomic working height
- exact pressure adjustment
- emergency switch



## Single Lock Hand Seamer K 8

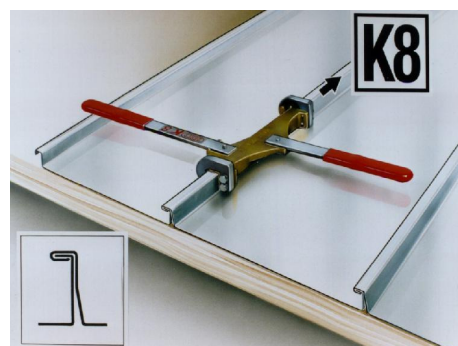
Ideal for starting seam, for short façades and areas with difficult access or an entire roof or wall

- no damage to coated or painted material
- easy to use
- minimal force required
- all parts are made of rust-free materials
- ideal for canopy roofs and many other applications

### Material thickness:

aluminum, copper, zinc mm/ga. **0,8 / 21**  
 steel, coated or painted mm/ga. **0,8 / 21**  
 stainless steel mm/ga. **0,5 / 24**

Art.no.:	closing length	L mm	width mm	kg
91520	210 mm	255	270-570	2,3



## Double Lock Hand Seamer K 7

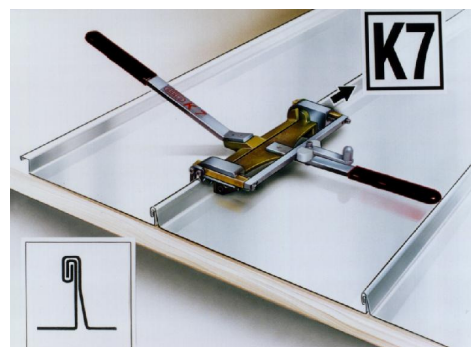
This double lock hand tool is used after the single lock is closed. Ideal for starting and ending or continuous double lock seaming

- no marks on painted or coated profiles due to special hook locators
- quick, effortless folding
- all parts are rust-free and interchangeable
- easy to use

### Material thickness:

aluminum, copper, zinc mm/ga. **0,8 / 21**  
 steel, coated or painted mm/ga. **0,8 / 21**  
 stainless steel mm/ga. **0,5 / 24**

Art.no.:	closing length	L mm	width mm	kg
91515-1	210 mm	310	320-610	3,3



## Drip Edge Bender K 11 (Eaves edger)

- to make a clean bend at drip edges without leaving marks.
- bends over 90° because of its wide opening
- it is also possible to bend a flat-seamed standing seam around and under the drip edge

Art.no.:	closing length	L mm	width mm	kg
91551	250 mm	240	250	1,7

## Drip Edge Seamer K 12 (Eaves sheet jaws)

- follow up tool to the drip edge bender
- permits a clean and fast locking of the drip edge

Art.no.:	closing length	L mm	width mm	kg
91552	200 mm	390	200	2



## Single Lock Hand Seamer K 8 N & K 8 NL

A unique design for closing a single lock seam. This standard tool can be delivered in different lengths.

- no scratch marks to coated or painted material
- light in weight
- ideal for starting or at the end of the seam
- easy to use
- minimal force required
- the tool can be used for closing vertical and horizontal seams
- all parts are made of rust-free materials
- anodized for hardness

### Material thickness:

aluminum, copper, zinc                      mm/ga. **0,8 / 21**  
 steel, coated or painted                    mm/ga. **0,8 / 21**  
 stainless steel                                  mm/ga. **0,5 / 24**

Art. no.:	closing length mm	length mm	width mm	kg
K8N : 91530	200	250	260-430	2,1
K8NL : 91535	350	400	310-530	3,1



K 8 & K 8 NL

## Single Lock Hand Seamer K 5 for arches, domes & barrel vaulted roofs

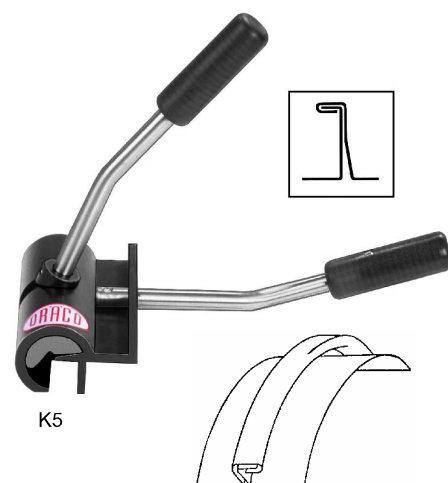
The Hand Seamer K 5, fast closing of profiled panels for arches, domes, dormers and barrel vaulted roofs.

- no scratch marks to coated or painted materials
- light in weight
- easy to use
- minimal force required
- cleat and panel closing for wind uplift
- can be used for closing vertical and horizontal seams
- all parts are made of rust-free materials
- anodized for hardness

### Material thickness:

**Similar to K8N and K8NL**

Art. no.:	closing length mm	length mm	width mm	kg
91505	70	120	260-430	1,0



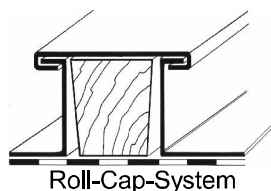
K5

## Batten Hand Seamer K 6

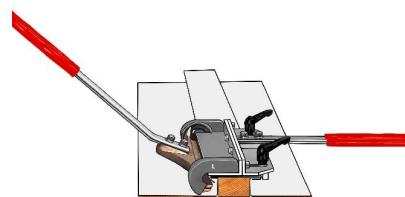
Batten cap systems not only contribute to the architectural design of the roof but are highly functional and one of the oldest roofing systems still in use. Without any tools, the Hand Seamer K 6 is adjustable for batten T-caps from 45-65 mm and is suitable for materials up to 0,8 mm in thickness.

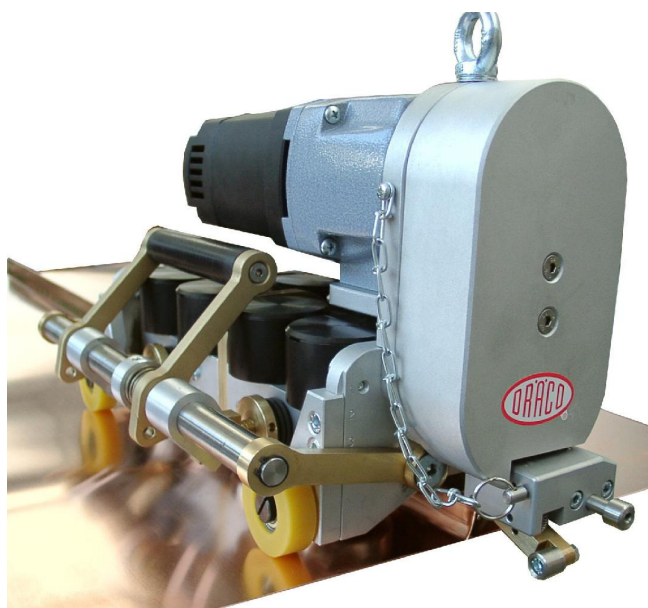
**Material thickness: Similar to K8N and K8NL**

Art. no.:	closing length mm	length mm	width mm	kg
91510	210	280	45-65	3

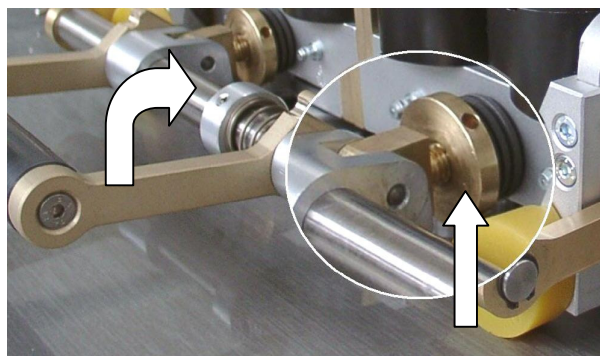


Roll-Cap-System

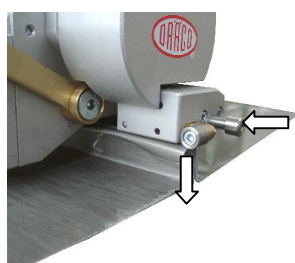




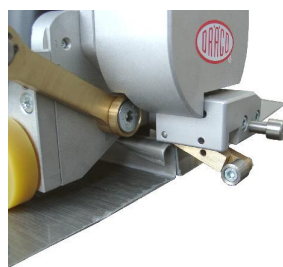
K9-1 with dual-safety switch K9-1-DF



- ☒ Variable Pressure Adjustment K9-ASS to achieve an optimum closed seam
- ☒ Locking handle moveable, down or up away from obstructions as windows, chimneys,



The patented DUAL-Safety-Switch K9-1-DF, stops the K9-1 automatically at the end of a seam, wall or obstruction



Technical improvements can be changed without prior notice

## Automatic Power Seamer K9-1 including metal-case



Power Seamer K9-1-WAD is a new combination of DRÄCO patented functions all together. New is the variable speed control to close panels in Summer or in Winter time, (ideal in combination with the Winter Set, especially at low outside temperatures.) The K9-1 can be used for forward and reverse operation, in combination with the dual safety switch, which stops the machine automatically, at the end of the panel or against an obstruction. SAFETY FIRST ON SITE IS OUR ENDEAVOUR. A remote control for forward and reverse is available, to close panels at the façade or wall as an optimal extra.

	Art. No.:	115 or 230 V / 1150 W	kg ±
<b>K9-1</b>	<b>91560-1</b>	for double lock seam	21
<b>K9-1-WAD</b>	<b>91565-1</b>	* complete version	22

\* incl. set of forming rolls f. single seam, set of cutting rolls, dual-safety-switch, variable pressure adjustment, variable speed control, remote control for forward and reverse

- for double lock seaming in one pass
- two additional rolls K9-WR for single lock seaming
- sheet metal, aluminum, copper, zinc weathered or coated up to 0,8 mm; stainless steel up to 0,5 mm
- **adjustable for seam heights 25-60 mm**
- clean transition at cross seams by using variable pressure adjustment K9-1-ASS
- working speed 5,5-13 m/min. up the wall and on the roof
- maintenance-free, safe operation
- no damage to painted or coated sheets
- can be used or removed in the middle of a seam (preliminary hand-seaming required)
- accessory: dual safety switch for safe operation at the wall and roof. The Power Seamer stops automatically at the end of the seam, against a wall or obstruction
- barrel curved roofs can be seamed using single or double lock system to the minimum radius 1,2 m
- seam cutting can be accomplished by using cutting rolls K9-1-AR for roof and wall renovation and repairs



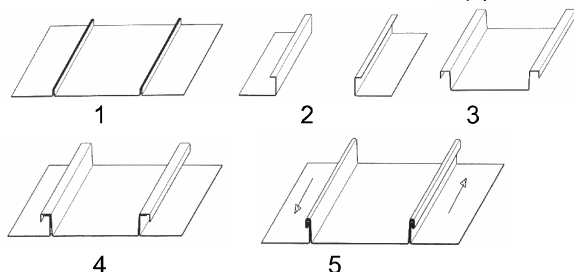
## Set of cutting rolls K9-1-AR



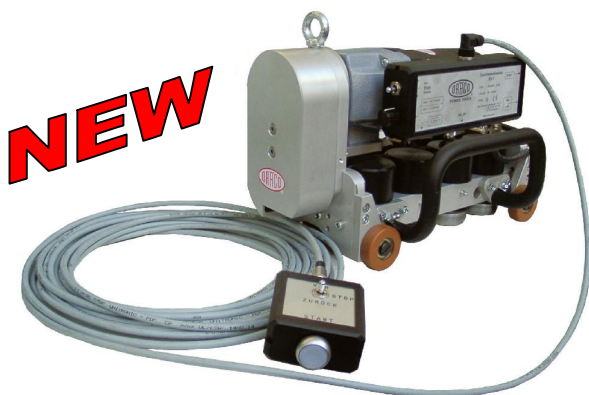
K9-1-AR Cutting rolls ideal for roof, wall and façade renovation or repair through wind or hail destruction. No damage to roof deck. Indispensable for fast and safe dismantling, of double lock and standing seam. Cutting speed 5 to 9 m / min.



Cutting the seam with the clips leaving an up stand of 8 mm (1). Dismantling of panel from roof or wall without any difficulty. Advantage no burr and an up stand of 8 mm on both sides. Remaining 8 mm can be bend up 25 mm for the under cloak (2) Profiling a wider panel with the over cloak on both sides (3) fit the clips to the under cloak and lay wider panel on top of the under cloak (4). Close the seam both sides with the Power Seamer K9-1(5).



## REMOTE CONTROL K9-1-KF with forward and reverse operation.



Multifunctional by various accessories:		Art. No:
■ set of forming rolls f. single seam	<b>K9-1-WR</b>	<b>91620-1*</b>
■ set of cutting rolls	<b>K9-1-AR</b>	<b>BG91625-1*</b>
■ dual-safety-switch	<b>K9-1-DF</b>	<b>91605-1*</b>
■ variable pressure adjustment	<b>K9-1-ASS</b>	<b>91610-1*</b>
■ remote control	<b>K9-1-KF</b>	<b>91660-1</b>
■ winter set, heat control, 3000W, 650°C, 550l/min.	<b>K9-1-WS</b>	<b>91640-1</b>

\* included in complete set K9-1-WAD

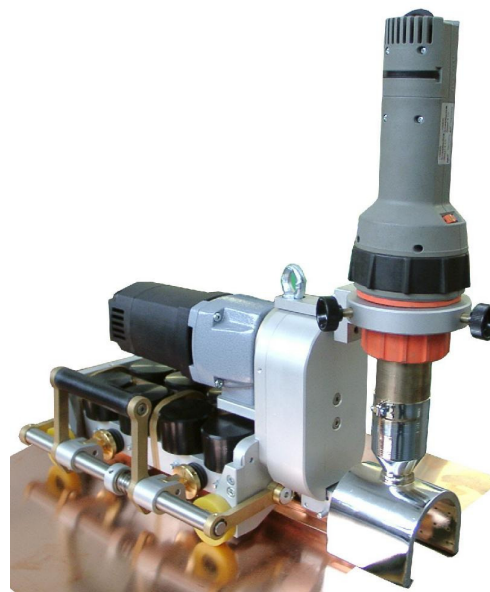
## Low temperatures

Material as zinc should not be processed under +10°C/+50°F. For trouble free seaming Winter Set K9-1 WS, attached to the Seamer using speed control in low working speed is ideal for best result in low temperatures.

Due to a low working speed and the winter set on high temperature ( 650°C / 1202°F ) it is possible to close seams professional in cold temperatures.

## K9-1 with Winterset K9-1-WS

With the help of the winter set, specially Zinc or all other materials can be seamed in cold temperatures.



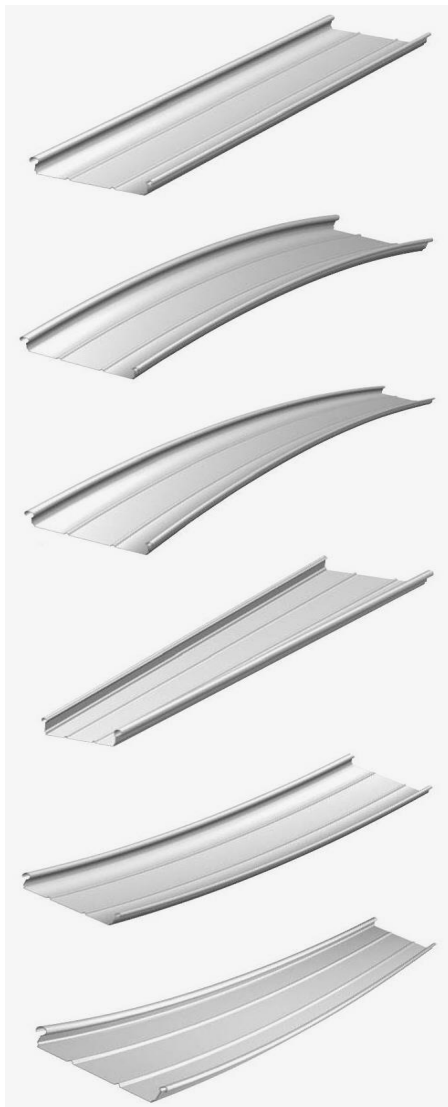
K9-1 with Winterset K9-1-WS



**NEW**



K9-1-ERB



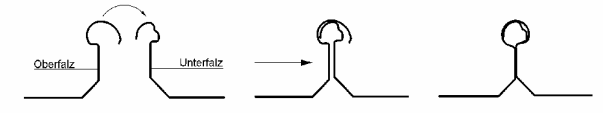
Useable for straight, conical, convex or concave rounded profiles

**Power Seamer K9-1-ERB** incl. metal case  
for different Round Profiles  
Profile height 48-65 mm



Item:	Item. No.	1150 W	Kg ±
<b>K9-1-ERB</b>	91592	230V / for round profiles	16
<b>K9-1-ERB</b>	91595	115 V/ for round profiles	16

inclusive fold opening roll and metal case.



Increasingly Tinsmith specialized companies, engage themselves with the assembling of self-feeding Roof Profile Panels. Especially to close the seam of industrial manufactured profiles, DRÄCO developed a multilaterally, usable Power Seamer K9-1 ERB. The machine can close straight, tapered, convex or concave Profiles of many manufacturers. The seamer has a ingenious pressure adjustment. The pressure can be adjusted variable, to achieve an optimum closed seam. Working speed of the machine is variable, from 9-18 m/min, whereby a remote control (as an option ) can be assembled to the machine, especially for working on a steep roof or vertical wall.

The Power Seamer K9-1-ERB can be used to close round profiles in forward or backward motion.

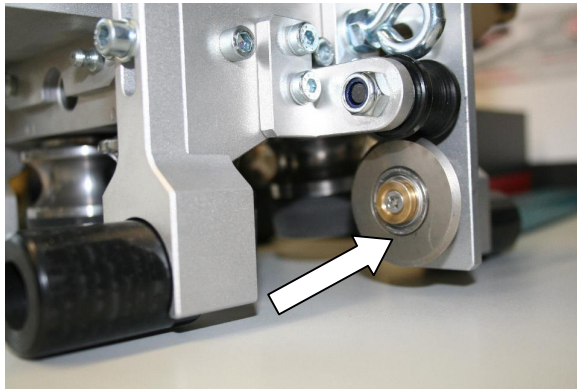
For example:

Round profile nominal diameter closed: 20 mm,  
minimum panel width: from 230 mm and 48-65 mm profile height of all current suppliers. Supporting legs are adjustable.



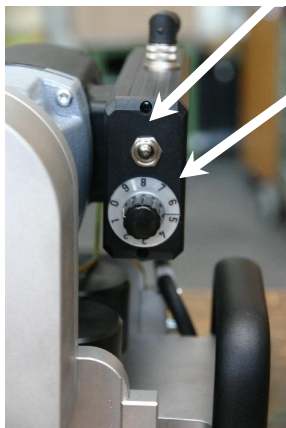
- No damage to painted or coated sheets.
- **For profile heights from 48 - 65 mm.**
- Variable working speed: 9 -18 m/min.
- Clean transitions at the clips, due to disc - spring-washer technology (the seamer K9-1-ERB, aligns itself on thicker materials).
- Variable pressure adjustment K9-1-ASS for an optimum seam.
- Barrel shaped – or vaulted roofs, a radius from 2,0 meter and up can be closed.
- Can be used in the middle or removed from the seam.
- To dismantle for restoration, repair, or to open up a seam, use the Fold Opening Roll K9-ERB-AR.
- As an option, Remote Control K9-1-KF, for forward-stop-reverse operation, with 12 meter cable.

## Fold opening roll K9-1-ERB-AR



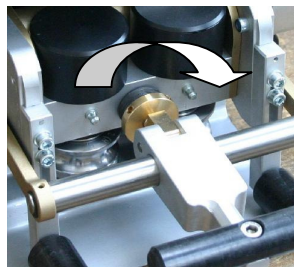
Fold opening roll K9-1-ERB-AR, irredeemable for dismantling a roof or single panels.

**For forward-stop-reverse operation, with or without the remote control K9-1-KF**



Switch for forward and reverse operation.

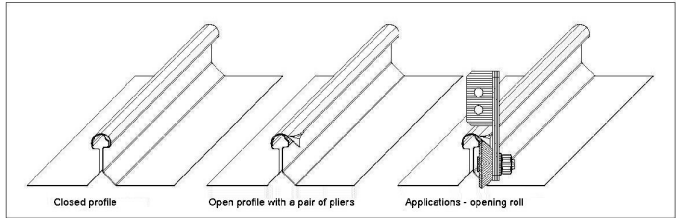
Variable Speed Control



Variable Pressure

K9-1-ERB-ASS

Adjustment



K9-1-ERB with Remote Control K9-1-KF

Item:	Item. No.:	Description	Length
K9-1-KF	91660-12	Remote control	12m
K9-1-KF	91660-18	Remote control	18m
K9-1-KF	91660-25	Remote control	25m

Other cable lengths available on request

As an option, the remote control K9-1KF can be assembled to the seamer. This remote control is ideal to close a panel on the facade or wall, convenient from the ground. It can be used on top of the roof to close barrel curved or vaulted panels. Due to the remote control for forward, stop and reverse operation, the operator can back up the seamer to the starting point, without to proceed to the machine.

In the reverse operation, automatically the dead man's handle is activated. Therefore the START-Button must be pressed in the reverse operation at all times, to activate the machine. This is for safety reasons.

Hand Seamer RA 140 or RA 141, is ideal for starting, at the end or for fixing the roof panel, and areas with difficult access.

## RA 140 Hand Seamer for round profiles

Item. N°.		L mm		
HWRA140	To close round seams	220	2600	1

## RA 141 Hand Seamer for round profiles standing\*

Item. N°.		L mm		
HWRA141	To close round seams	220	3800	1

\*Standing tool

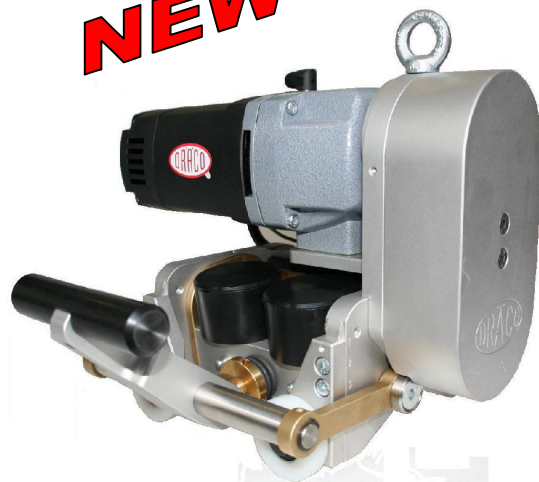
All machines and tools in this leaflet, can be changed for improvement, without prior notice.



RA140

RA141\*

**NEW**



K9-1-GWS



Remote Control K9-1-KF

**Power Seamer K9-1-GWS** metal-case included  
for walls, façades, domes & barrel vaulted roofs

Item No.:	91580-1	2 Stations	kg
Item	K9-1-GWS	230V/1150W	16



- **switch for forward and reverse** allows running up and down the seam for one man operation.

- less time, less labor

- no unnecessary ways

- time saving



**Two forming stations** for single lock seam on walls, façades & barrel curved roofs.

- sheet metal, aluminum, copper, zinc (weathered or coated) up to 0,8 mm, stainless steel up to 0,5 mm
- Ideal for barrel curved roofs, down to minimum radius of 60 cm
- adjustable for seam heights 25-60 mm
- pressure adjustment K9-1-ASS to achieve an optimum closed seam
- working speed 5,5-13 m/min. up and down the wall and on the roof
- light weight, only 16 kg
- optional remote control

As an option, the remote control K9-1-KF can be assembled to the seamer. This remote control is ideal to close a panel on the facade or wall, convenient from the ground. It can be used on top of the roof to close barrel curved or vaulted panels. Due to the remote control for forward, stop and reverse operation, the operator can back up the seamer to the starting point, without to proceed to the machine.

Options:		Item No:
■ Dual-Safety Switch (stops the machine automatically)	K9-1-DF	91605-1
■ Remote Control 12 meter	K9-1-KF	91660-12
■ Remote Control 18 meter	K9-1-KF	91660-18
■ Remote Control 25 meter	K9-1-KF	91660-25
■ Winterset adjustable 230V/3000W, 650°C, 550l/min.	K9-1-WS	91640-1



## Expanding Roller Conveyors



K25-SBR



K25-SBW

Expanding Roller Conveyors are needed for loading and unloading or for storage. Due to light weight it can be moved to different locations and does not need a lot of space when folded together. The conveyor has a slight fall 2-5%, therefore all boxes or panels for roofs can be easy transported into the van or a truck.

The Expanding Roller conveyors are easy to install for length and height. Therefore the employee is able to work ergonomically, to load or unload panels or other goods from the truck.

For the Arch Bending Machine a lower model in height of 450 – 600 mm is available and can be used for the Pan former Profima 25, also.

The Conveyors can be connected with hooks to each other.

### Expanding Roller Conveyor K25-SBR

	Item No.:	
<b>K25-SBR</b>	91480	for K1 & Vario Profi
<b>K25-SBR</b>	91481	for Profima & Profi Form

#### Technical details:

diameter of the rolls	mm	50
width	mm	400
heights, Art.No. 91480	mm	550-900
heights, Art.No. 91481	mm	450-800
length, Art.No.91480+81	mm	1400-5500

- ergonomic working heights
- adjustable height from 550-900 mm
- expands up to 5500 mm
- storage length 1400 mm

### Expanding Run-out Roller Conveyor K25-SBW

	Item No.:	
<b>K25-SBW</b>	91485	for K1 & Vario Profi
<b>K25-SBW</b>	91486	for Profima & Profi Form

#### Technical details:

diameter of the rolls	mm	50
width	mm	500
heights, Art.No. 91485	mm	550-900
length, Art.No. 91485	mm	3000-7000
heights, Art.No. 91486	mm	450-800
length, Art.No. 91486	mm	1650-4000

- ergonomically working heights
- adjustable height
- expands up to 7000 mm
- storage length 3000 mm

**These conveyors are ideal if placed at the entrance or exit of all panformers to take up profiled roofing-panels and are adjustable in height.**

#### Special versions:

Support height from 450 mm up to max. 1450 mm.  
Special length from 1000 mm up to max 8500 mm of conveyors are available.  
Prices and specifications by enquiry.

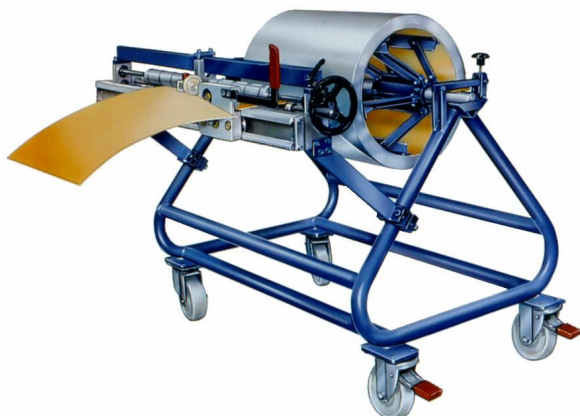




## Decoilers



Decoiler K1-CW



Decoiler K1-CW/AQ



K1-CW/AQ/LSE/S



K1-LAQ



Lifting Traverse K1-CWT

### Mobile Decoiler K1-CW

	Item No.:	width	coil-width	max.
K1-CW/100	91201	1000 mm	800 mm	2000 kg
K1-CW/125	91202	1250 mm	1000 mm	1500 kg
K1-CW/150	91205	1500 mm	1250 mm	1500 kg

- decoiler K1-CW with core, two steering and two parking castors
- core has **five** adjustable arms, avoiding marks, dents or scratch marks, when the coil is clamped or decoiled
- core I.D. K1-CW/100: Ø 230-510 mm
- core I.D. K1-CW/125: Ø 250-515 mm
- core I.D. K1-CW/150: Ø 360-650 mm

### Mobile Decoiler K1-CW/AQ

#### including Decoiling & Cross Cut Attachment

	Item:	width	coil-width	max.
K1-CW/100AQ	91241	1000 mm	800 mm	2000 kg
K1-CW/125AQ	91242	1250 mm	1000 mm	1500 kg
K1-CW/150AQ	91245	1500 mm	1250 mm	1500 kg

Technical details decoiler see K1-CW ↑

Technical details cross cut attachment AQ see also next page ⇨

- max. cutting capacity: 1,0 mm, stainl.: 0,5 mm
- max. transport (unroll) capacity AQ: 750 kg
- max coil outside diameter: 800 mm

### Mobile Decoiler K1-CW/AQ/LSE/S cpl.

#### including Decoiling & Cross Cut Attachment and cpl. length cut Slitter Device.

#### Ideal for mobile on site cutting & slitting

	Item No	width	coil-width
K1-CW/100AQ/LSE/S	91271	1000 mm	800 mm
K1-CW/125AQ/LSE/S	91272	1250 mm	1000 mm
K1-CW/150AQ/LSE/S	91275	1500 mm	1250 mm

Incl. Cordless Metal Shear Set AK3514-2 for length cut slitting

Easy to move, easy to transport, easy to decoil, easy to cut.  
Cross- and length wise cutting on site or in the workshop

Technical details decoiler see K1-CW ↑

Technical details cross cut attachment AQ see also next page ⇨

### Mechanical measuring device K1-LAQ

	Item No.:	max. length	preciseness
K1-LAQ	91260	999,99 m	½ cm

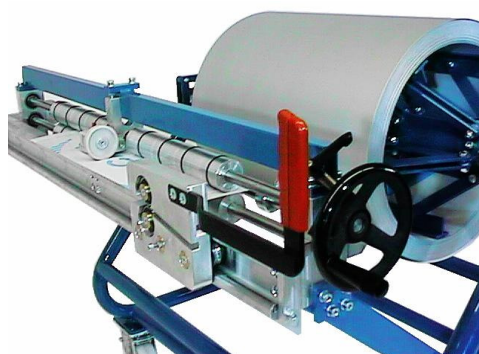
### Lifting Traverse K1-CWT

	Item No.:	capacity
K1-CWT	91230	2000 kg

certified VGB 9a UVV 18 DIN 18800 for coil width up to 1000 mm

**Decoilers and Cores are also available in special dimensions. Inform us about your requirements.**

## Decoiling & Cross Cut Attachment K1 – AQ



Decoiling & Cross Cut Attachment K1-AQ  
(Pic. incl. opt. measuring device)



Slitter attachment K1-LSE for decoiler or workbench



K1-CSg



K1-AG with K1-AGb

The Slitter Attachment K1-AQ can be fitted to any DRACO Decoiler or can be mounted on to a workbench. When ordering, please state item and type number on decoiler label.

	Item No.:	width	Adv. coil-width
<b>K1-100AQ</b>	91251	1000 mm	800 mm
<b>K1-125AQ</b>	91252	1250 mm	1000 mm
<b>K1-150AQ</b>	91255	1500 mm	1250 mm

### Technical details, cutting capacity:

aluminium, copper, zinc	mm	1,0
galvanised steel	mm	1,0
stainless steel	mm	0,5
pull capacity ±	kg	750
weight of slitter attachment ±	kg	30

- rubber transportation rolls for a better grip
- wheel for forward & reverse transportation of the coil-material with clamping device
- collars adjustable for coil width
- cutting rolls can be re-sharpened
- ball bearings are maintenance free

### Lengths cut slitter device K1-LSE

	Item No.:	without shear
<b>K1-LSE100</b>	91268	for K1-100AQ
<b>K1-LSE125</b>	91269	for K1-125AQ
<b>K1-LSE150</b>	91270	for K1-150AQ

for all Shears Series 20.. and 35.. with mounting hole

### Quick-Strap K1-CSg

	Item No.:	measurements mm
<b>K1-CSg</b>	91277	± 2500 x 48

No more damaged coils. The 2500 x 48 mm wide strap eliminates damage caused by wire, string, rope or tape. Quick fastening and release using Velcro fastening and is ideal for work-shops and site- work, also for safe transporting of coils, to and from the site.

### Coil Trolley K1-AG

- easy transportation without danger of coils up to 1500 mm width
- simple & easy decoiling

	Item No.:	capacity	kg
<b>K1-AG</b>	91280	250 kg	24
<b>K1-AG125</b>	91281	250 kg	26

### Guide K1-AGb for Coil Trolley

	Item No.:	coil width mm	kg
<b>K1-AGb</b>	91285	0 – 1500	4,5
<b>K1-AGb125</b>	91286	bis 1150 mm	5,0

## Detail Mobile Folding Brake K1-AGNU-3

	Item No.:	working width	kg
<b>K1-AGNU-3</b>	91292-3	1120 mm	80
<b>K1-AGN-3</b> without frame	91295-3	1120 mm	57

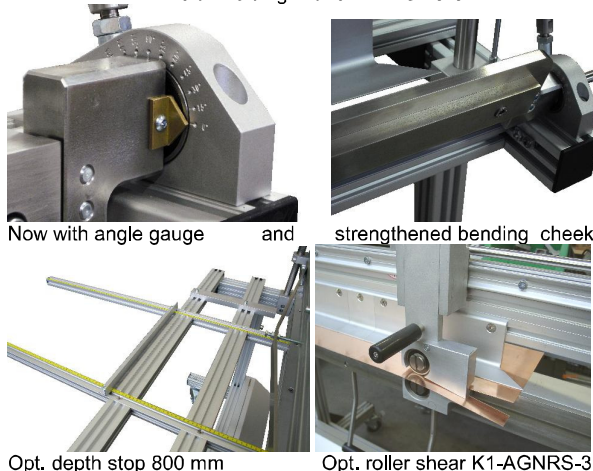
### Accessories:

1. Roller Shear K1-AGNRS-3 incl. guide
2. Guide 800 mm

<b>K1-AGNRS-3</b>	91267-3	Roller Shear	
<b>K1-AGNTA-3</b>	91269-3	Depth Stop	<b>NEW!</b>



Detail Folding Brake K1-AGNU-3



Now with angle gauge

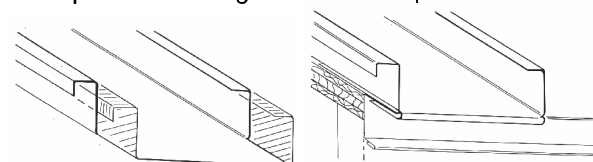
and

strengthened bending cheek

Opt. depth stop 800 mm

Opt. roller shear K1-AGNRS-3

### Examples for bending metal to the top and down 180°



To bend fold to the top or down 180°, cut marked parts out the female and male panel

For connections at the gutter, ridge or wall, to the top or down 180°

### Examples for flaps Pos. 1-6:

1. for flaps, cut marked parts out of female and male panel (under cloak, over cloak)
2. female and male 25 mm cut out (under cloak, over cloak)
3. with brake, bend 30° to top and bend flaps with a pair of pliers to the outside
4. bend fold 90° to top and press flaps with a pair of pliers tight
5. with a pair of seaming pliers bend flap to the right and left
6. press flaps tight, with a pair of pliers

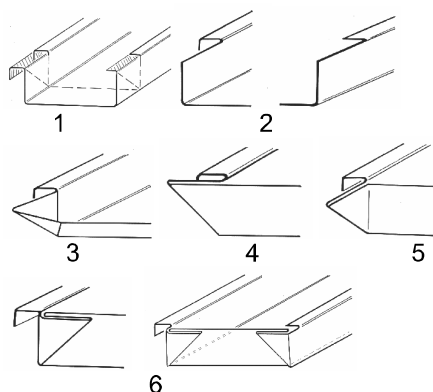
- ideal for roof and wall cladding
- solves all technical bending problems
- bends TOP and DOWN! See our Video!
- clamping of sheet metal with eccentrics and hand lever
- gas-pressure spring counterbalances top clamping bar
- bending possible in all technical directions for roof and wall claddings, see examples 1-6.
- brake can also be screwed on to a working bench
- brake removable from frame, for easy transport to the roof
- all parts used on the brake are made of rustproof materials.

### Technical data:

Opening of top clamping bar 60 mm  
Aluminum, Copper, Lead, Zinc 0,8 mm,  
Stainless Steel 0,5 mm

### Standard-Equipment:

- segments for top clamping bar  
560 / 202 R / 202 L / 102 / 127 / 76 / 52 mm
- assortment for bottom bending bar  
1120 / 520 / 445 / 290 mm.
- frame with 4 castors (only K1-AGNU-3)
- allen wrenches
- straight fence
- angle fence
- metal box (only K1-AGNU-3) for safe storage of parts and tools



Instructions video:  
[www.dracotools.com](http://www.dracotools.com)



**Bending Material fast and perfect.  
On site or in the work-shop.**

**NEW**

## EcO-Bender3 – Your efficient little helper on site

**Extremely light, with 4 guide rollers  
and removable ergonomic Grip Handle**

- EcO = economic with an O-formed Grip Handle
- 3 = three optimum ergonomic grip positions
- universal mobile Bending Tool, to bend and form all kind of materials, straight, concave or convex
- solves many technical bending problems, as up-stands and counter forms without any scratch mark
- graduation in mm and inch
- the only Bender on the market today, with an ergonomic O-grip system, offers a convenience good grip, even when the entire length is extended to 200 mm, (8 inch)
- eyelet to hang up the tool

### Technical Data:

Aluminum, Copper, Zinc	mm	1,0 (19 ga.)
Steel	mm	0,7 (22 ga.)
Stainless Steel	mm	0,5 (25 ga.)

Item No.:		Bending height	kg
91545	EcO-Bender3 complete	5 - 200 mm	1,8
91545S1	EcO-Bender3 without handle	5 - 200 mm	1,5
91545S2	EcO-Bender3 complete	5 - 300 mm	1,8
91545S3	EcO-Bender3 complete	5 - 350 mm	1,8
91549	Adapter to connect 2 EcO-Benders3 together		1,5



EcO-Bender3

3 ideal grip positions:



- manufacturing panels in standing seam system !



EcO-Bender3 can be delivered without the grip-handle  
Item No.: 91545S1

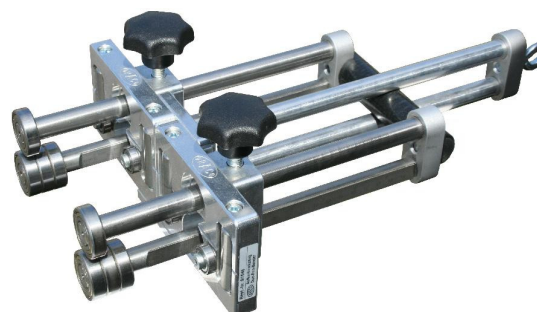
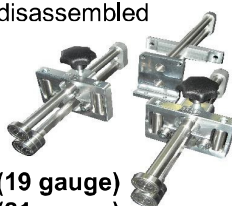
## Duo-Mini-Bender complete

- for continuous bending long materials.
- with the aid of an adapter 2 Mini-Benders can be assembled together, to a longer tool and disassembled again, to use two benders separately
- light in weight, small in size and price
- eyelet to hang up the tool

### Technical Data:

Aluminum, Copper, Zinc	mm	1,0 (19 gauge)
Steel	mm	0,7 (21 gauge)
Stainless Steel	mm	0,5 (25 gauge)

Item No.:		Bending height	kg
91546	Duo-Mini-Bender	5 – 200 mm	3,4
91544	Mini-Bender	5 – 200 mm	1,4
91548	Adapter to connect 2 Mini-EcO-Benders		1,5



Duo-Mini-EcO-Bender

## Disc-Bender & Disc-Bender-Combination

- a right angle of 90° can be bent to 180°
- no adjustment necessary
- for eaves, cross seams and flashings
- max. metal thickness up to 1 mm (19 gauge), depending on the hardness of the material

Item No.:		Angle Height	kg
91541	Disc-Bender	ca. 8 – 40 mm	0,9
91542	Disc-Bender Combi.	ca. 8 – 40 mm	2,6
91547	Adapter to connect 2 Disc-Benders together		0,8

**NEW**



Disc-Bender  
Up to 40 mm!



&  
Disc-Bender Combination  
for continuous bending of long materials





## Clip Benders



### Fixed Clip Former K10-FH

Item No.:	91700
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A hand operated tool to manufacture fixed clips from metal pieces. Bending and punching 2 holes, height 25 mm for fixed cleat. Also available for other panel heights.

### Fixed Clip Former K10-FHS

Item No.:	91710
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A hand operated tool to manufacture fixed clips from metal strips. Bending, punches holes, perforates and cuts in one operation. Height 25 mm, width of material 39 mm.

### Laying Clip Former K10-LH

Item No.:	91730
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Material 39 mm width, punches holes, bends and cuts off. Measurements 39x35x11 mm for flashings, air intakes, verge and valley panels.

### Y-Clip Former K10-HS

Item No.:	91720
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Material 39 mm wide, to make Y-shape cleats. Height 75 mm. Punches holes, bends and cuts material off.

### Clip Former Top Part K10-EHS (2 units)

Item No.:	91740
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Two hand operated units

- unit to bend and cut.
  - to shape contour for bottom part sliding clip.
- Material 29 mm wide, length variable.

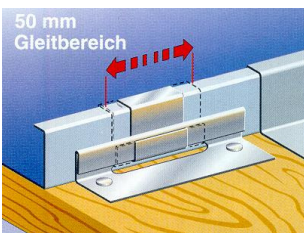
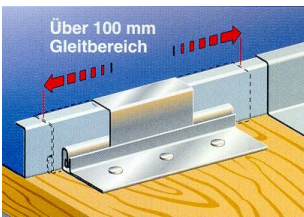
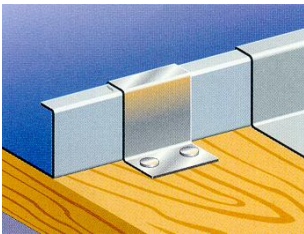


### Motorised Clip Former K10-SHS (2 units)

Item No.:	91750
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- A motor powered unit (K10-ESH) 230 volt for fast production of sliding clip bottom part. approx. 15 clips/min. Cuts length, slits and punches holes. Top clip fits into bottom part.
- Hand-operated tool bends bottom part to an angle of 90° and is mounted next to the clip former.

## Clips/Cleats

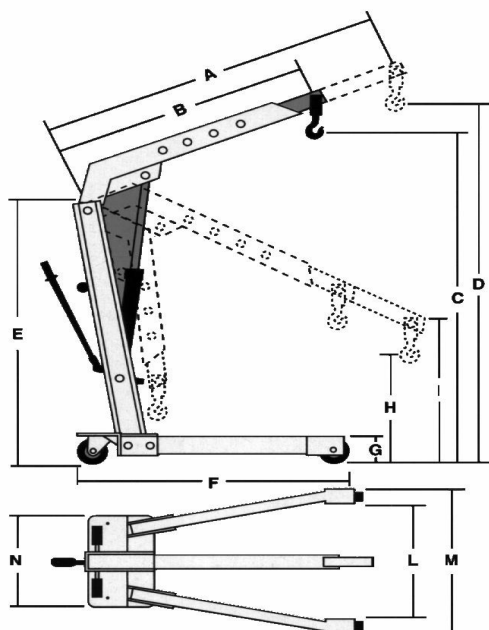
Item/Clip	Type	Item No.:	Description	Pieces per package
	SM-HS	91800	Stainless steel clip expansion Y-shape top and bottom part assembled, 50 mm expansion.	400
	SM-ESe 50 mm	91805	Stainless steel expansion clip, top and bottom part assembled, 50 mm expansion.	400
	SM-ESI 70mm	91807	Same as above, but 70 mm expansion, top and bottom part assembled	
	SM-ESe30 50 mm	91835	Same as SM-ESe, <u>but for 30 mm (1,5") seam height.</u>	
	SM-ES	91808	Stainless steel expansion clip, 100 mm expansion, heavy bottom part, assembled.  Advice: This clip is used for panels over 10 meter length.	100
	SM-HF	91810	Stainless steel fixed Y-shape clip.	1000
	SM-Efk	91813	Stainless steel fixed clip, width 30 mm.	1000
	SM-Efk30	91833	Same as SM-Efk, <u>but for 30 mm (1,5") seam height.</u>	1000
	SM-EFg	91815	Stainless steel fixed clip, width 50 mm, fixing holes.	500
	SM-KA	91851	Snow Safety Clamp Aluminium	25
	SM-KC	91853	Snow Safety Clamp Copper	25
	SM-KE	91855	Snow Safety Clamp stainless Steel  With screws and nuts assembled. Saves about 50% in time when installing.	25

Standard clip height 25 mm (1"). The clips are produced to German standards for the roofing technology. The material quality stainless steel material no. 1.4301 (V4A).

Please ask for quantity discounts. Special height on request.



## Coil-Lifter K1-WSK



K1-CWT

	Item No.:	capacity max.	weight
<b>K1-WSK100</b>	91320	1000 kg	115 kg
<b>K1-WSK200</b>	91322	2000 kg	220 kg

### Technical data:

		WSK100	WSK200	
designed for	1	1000	2000	kg
four different	2	800	1500	kg
stations of weight	3	500	1000	kg
	4	300	600	kg
	A	1310	1970	mm
	B	1060	1520	mm
	C	2200	2930	mm
hook height	D max	2390	3270	mm
crane height	E	1700	1990	mm
chassis length	F	1740	1640	mm
width	L	880	980	mm
entire width	M	1010	1120	mm
width	N	550	1120	mm
chassis height	G	170	220	mm
height	H	0	800	mm
castors Ø		150	150	mm
weight		115	220	kg
hydraulic oil	Esso 5015	or similar		

The coil-lifter K1-WSK 100 takes up little space when folded together. The coil-lifter can be erected without tools. To lift the coil up use hand pump, through a hand drain valve the crane can be lowered precisely. The crane arm is 4 times adjustable and has two parking and two steering castors made of polyamide.

### Lifting-Traverse K1-CWT for Decoiler and Coil-Lifter

	Item No.:	capacity
<b>K1-CWT</b>	91230	2000 kg

Certified by VGB 9a UVV 18 DIN 18800 for coil width up to 1000 mm.