

cascade®

www.caglayanmakas.com.tr




CASCADE

ROOFING INDUSTRY
MACHINES and HAND
TOOLS





Our company Çağlayan Makas has been established by Refik ÇAĞLAYAN in BURSA, in 1953. He has been followed by his second and third generation family member successfully. It became a leader company in cutting, metal processing, hand tools sector produced from peculiar forged steel in short period.

 is our export brand.

Third generation administration has a target of keeping international standard level quality higher everyday due to changes of time. The customer satisfaction is our main power for working more hard and put our quality stamp on forget steel industry with great honour coming from our company past.

Best Regards...



Price-Performance
Product



Everywhere in the
World



66 Years of Knowledge and
Experience



Fast Delivery
Time



Cost-Effective
Efficient Solutions



High-Quality and
Durable Equipment



User-Friendly
Equipment

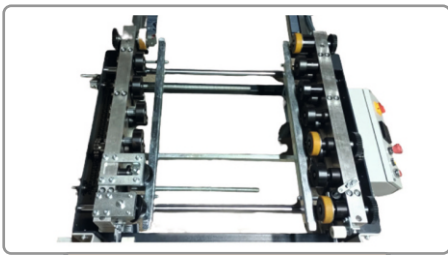


Reliable Service

ROOF SEAM MACHINE



The purpose of the Roof Seam Machine is to produce seamed metal panels with a height of 25 mm in a single pass. This compact, lightweight and detachable seam machine is the most suitable choice for all construction sites with difficult access and workshop operations.



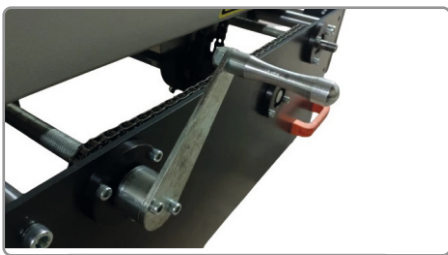
OPEN MACHINE



CONTROL PANEL



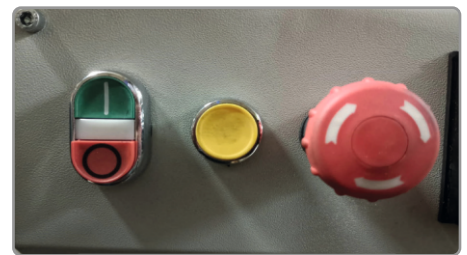
DETACHABLE ENTRY HANDLES



WIDTH ADJUSTMENT LEVER



DIGITAL COUNTER



FORWARD-REVERSE CONTROL & EMERGENCY STOP



WHEELS



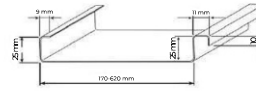
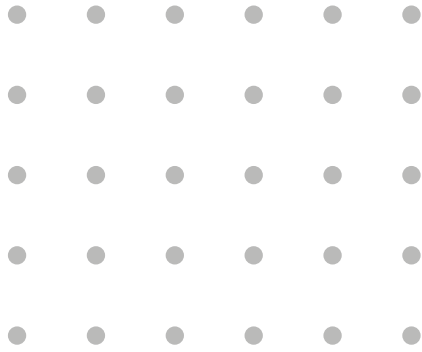
TRACE MAKER



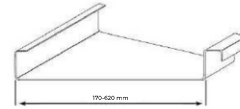
CUTTING AT THE OUTPUT

ADVANTAGES

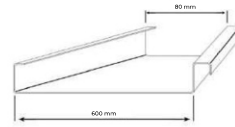
- A compatible model equipped with all necessary hardware.
- Production of seamed metal with a 25mm height in a single pass.
- The best choice for all hard-to-reach construction sites and workshops.
- Fits commercial and passenger vehicles.
- Consists of 4 parts and can be quickly assembled and disassembled.
- Can be disassembled and carried by two people.
- Stepless width adjustment from 250mm to 700mm.
- 2 working steps for seamed metal production from conical plates.
- The smallest axis dimension with single-sided seaming production is 80mm.
- 4 wheeled, portable.
- Digital length measuring instrument.
- Tracer mechanism
- No-waste cutting at material output.
- Forward-back operation capability.
- CE Compliance Approval Certificate



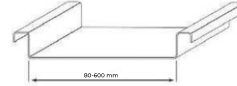
Standart Clamp 25
Pan width is between 170-620 mm.



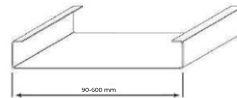
Angled Clamp 25
Pan width is between 170-620 mm.



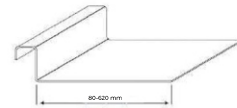
Conical Clamp 25
Minimum and maximum dimensions are given.



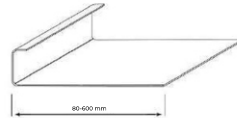
Clamp 25 - Both Sides Female
Pan width is between 80-600 mm.
Shooting is done in two takes.



Clamp 25 - Both Sides Male
Pan width is between 90-600 mm.
Shooting is done in two takes.



Clamp 25 - Single Side Female
Pan width is between 80-620 mm.



Clamp 25 - One Side Male
Pan width is between 80-600 mm.

TECHICAL SPECIFICATIONS

Operating Voltage	220 V / 50 Hz / 1 Phase
Motor Power	1x1x1 kw
Working Speed	9 m/minute
Number of Stations	7 station
Shortest Panel Length	500 mm
Input Size	250-700 mm
Axle width	170 mm -620 mm (subject to change based on material)
Workable metals	Titanium Zinch 0,60 - 0,80 mm between Copper 0,50 - 0,80 mm between Aluminum 0,60 - 0,80 mm between Painted Sheet Metal 0,50 - 0,70 mm between Stainless Steel 0,40 - 0,50 mm between

Measurements (U x G x Y) 1200 mm x 900 mm x 580 mm(wheeled)

Weight (kg) 190

COIL UNCOILER



Roof Seam Machines, an economical manual coil uncoiler compatible with roll-form and industrial sheet processing machines used for different purposes.

The R-1500 coil uncoiler model has a maximum lifting capacity of 1500kg and a working width of 1000 mm. Thanks to its lightweight design, it can be easily transported to any location. It has an adjustable handle that allows it to be narrowed or expanded within a range of 30-60 cm.

Due to internal compression system, the coil will not shift to the right or left and will not cause any damage to the material. It is constructed from special profiles, has a sturdy chassis, and is designed for a long service life.

With a sturdy and practical coil uncoiler, you can easily uncoil coils weighing up to 1500 kg, whether at the construction site or in the workshop.

It is compatible with roof seam machines.

Since the coil is in the air, your metal won't be damaged in any way.

It has a robust chassis with thick profiles.



GUILLOTINE SHEARS

Precise cuts can be made in workshops and construction sites with portable guillotine shears.

Our PRO Models, designed for easy portability, allow cutting tasks to be performed anywhere.

By using the new generation lightweight and portable guillotine shears instead of heavy and cumbersome old-fashioned ones, you can streamline your work.



CODE	BLADE LENGTH mm	WIDTH mm	CUTTING CAPACITY mm	HEIGHT mm	WEIGHT kg
PRO-800	810	200	1,2	75	35,600



CODE	BLADE LENGTH mm	WIDTH mm	CUTTING CAPACITY mm	HEIGHT mm	WEIGHT kg
PRO-1000	1020	200	1,2	75	43,600



CODE	BLADE LENGTH mm	WIDTH mm	CUTTING CAPACITY mm	HEIGHT mm	WEIGHT kg
PRO-1200	1220	200	1,2	75	53

ECONOMIC ROOFING NAILER

An economic roofing nailer is an excellent tool for roofing tasks. Notable for its affordability, this device simplifies the process of fastening roofing materials efficiently. It's an ideal choice for both professionals and house owners alike.

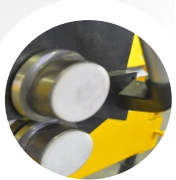


Optional Cutting Attachment

CUTTING CAPACITY mm	BENDING ANGLE(°)	WORKING RANGE mm	DIMENSIONS LxWxH mm	WEIGHT kg
0,8	110	2150	2450x750x850	240



CUTTING CAPACITY mm	BENDING ANGLE(°)	WORKING RANGE mm	DIMENSIONS LxWxH mm	WEIGHT kg
0,8	110	2650	2900x750x850	310



Optional Cutting Attachment



Optional Cutting Attachment

CUTTING CAPACITY mm	BENDING ANGLE(°)	WORKING RANGE mm	DIMENSIONS LxWxH mm	WEIGHT kg
0,8	110	3150	3400x750x850	400

Ball Bearing HandSaw - 15 cm

15 Cm Manuel Handfed Planer
Double Station
Compact Structure
Stainless Body



Ball Bearing HandSaw - 25 cm

25 Cm Manuel Handfed Planer
Double Station
Compact Structure
Stainless Body



Ball Bearing HandSaw - 35 cm

35 Cm Manuel Handfed Planer
Double Station
Compact Structure
Stainless Body



Ball Bearing HandSaw - 50 cm

50 Cm Manuel Handfed Planer
Double Station
Compact Structure
Stainless Body



Single Seam Clamping Pliers (90°)



In a single operation, it closes to the corner at a 90 degree angle. It is lightweight, providing the opportunity for fast and flawless operation. It is manufactured from durable and long-lasting first-quality steel. Special oven paint.

CODE	L mm	a mm	d mm	WEIGHT kg	N/mm Max mm
088-AS	385	220	50	1,950	0,8

Double Seam Clamping Pliers (180°)

In a single operation, it closes to the corner at a 180 degree angle. It is lightweight, providing the opportunity for fast and flawless operation. It is manufactured from durable and long-lasting first-quality steel. Special oven paint.



CODE	L mm	a mm	d mm	WEIGHT kg	N/mm Max mm
089-AS	435	220	50	2,335	0,8

Saddle Closure Pliers

In a single operation, it folds and closes the eave end fully and smoothly without any inward effort. It is lightweight, providing the opportunity for fast and flawless operation. It is manufactured from durable and long-lasting first-quality steel. Special oven paint.



CODE	L mm	a mm	d mm	WEIGHT kg	N/mm Max mm
090-AS	385	220	50	2,100	0,8



Folding Bracket Straight Clamp

All the details happen easily. Each folding clamp has a different function. You can choose the model that suits your working angle. For those users who want to do a lot with little force...

CODE	THROAT DEPTH mm	MOUTH WIDTH mm	WEIGHT kg
086-AS	120	120	0,480

Folding Bracket 45° Clamp

All the details happen easily. Each folding clamp has a different function. You can choose the model that suits your working angle. For those users who want to do a lot with little force...



CODE	THROAT DEPTH mm	MOUTH WIDTH mm	WEIGHT kg
087-AS	110	120	0,470

Folding Clamp

All the details happen easily. Each folding clamp has a different function. You can choose the model that suits your working angle. For those users who want to do a lot with little force...



CODE	THROAT DEPTH mm	MOUTH WIDTH mm	WEIGHT kg
083-AS1	80	80	0,800

Folding Clamp



All the details happen easily. Each folding clamp has a different function. You can choose the model that suits your working angle. For those users who want to do a lot with little force...

CODE	THROAT DEPTH mm	MOUTH WIDTH mm	WEIGHT kg
083-AS-X	60	60	0,780

Folding 45° Clamp

All the details happen easily. Each folding clamp has a different function. You can choose the model that suits your working angle. For those users who want to do a lot with little force...



CODE	THROAT DEPTH mm	MOUTH WIDTH mm	WEIGHT kg
084-AS	60	60	0,720

Folding 90° Clamp



All the details happen easily. Each folding clamp has a different function. You can choose the model that suits your working angle. For those users who want to do a lot with little force...

CODE	THROAT DEPTH mm	MOUTH WIDTH mm	WEIGHT kg
084-AS-X	60	60	0,720

Left-Handed Shears



Special Forged Alloy Steel Shears
Ergonomic PVC Handles
Coated Nuts and Bolts

CODE	SHEAR LENGTH mm	CUTTING CAPACITY mm	WEIGHT kg
099-L	250	0,8	0,390



Straight Sheet Metal Shears

Special Forged Alloy Steel Shears
Ergonomic PVC Handles
Coated Nuts and Bolts



CODE	SHEAR LENGTH mm	CUTTING CAPACITY mm	WEIGHT kg
099-S	270	0,8	0,400



Right-Handed Shears



Special Forged Alloy Steel Shears
Ergonomic PVC Handles
Coated Nuts and Bolts

CODE	SHEAR LENGTH mm	CUTTING CAPACITY mm	WEIGHT kg
099-R	270	0,8	0,390



Cobbler's Scissors

Quality and tradition meet with cobbler's scissors
Straight, precise cuts
Special alloy steel
Heat-treated sandblasted edge
Oven-baked coated body

CODE	L mm	a mm	Max mm	WEIGHT kg
010-A	350	95	0,8	0,850



Right Curverd Gutter Scissors

If you are looking for reliability and quality,
gutter scissors will make your work even more professional.
Straight, precise cuts
Special alloy steel
Heat-treated sandblasted edge
Oven-baked coated body



CODE	L mm	a mm	Max mm	WEIGHT kg
013	245	60	0,8	0,345



Right Straight Gutter Scissors

If you are looking for reliability and quality,
gutter scissors will make your work even more professional.
Straight, precise cuts
Special alloy steel
Heat-treated sandblasted edge
Oven-baked coated body



CODE	L mm	a mm	Max mm	WEIGHT kg
015	250	65	0,8	0,345



Compound Lever Shears

Special Forged Alloy Steel Jaws
Ergonomic PVC Handles
Coated Nuts and Bolts

CODE	SHEAR LENGTH mm	CUTTING CAPACITY mm	WEIGHT kg
099-M	270	0,8	0,450



Right Straight Gutter Snips(Spring-Loaded)

Special Forged Alloy Steel Jaws
Ergonomic PVC Handles
Coated Nuts and Bolts



CODE	SHEAR LENGTH mm	CUTTING CAPACITY mm	WEIGHT kg
M-290-A	290	0,8	0,480



Left Straight Gutter Snips(Spring-Loaded)

Special Forged Alloy Steel Jaws
Ergonomic PVC Handles
Coated Nuts and Bolts

CODE	SHEAR LENGTH mm	CUTTING CAPACITY mm	WEIGHT kg
M-290-B	290	0,8	0,480

Pointed-Headed Roofing Hammer



Tools that are friendly to roofers make your job much easier and add value to your work.

Special PVC mallet for angled and versatile strikes.

No power loss.

Leaves no marks on strikes.

Ergonomic Handle

Compact Pliers

CODE	MEASUREMENT mm	WEIGHT kg
091-AS	165x75x40x4	0,598

Square-Headed Roofing Hammer

Ergonomic Handle

Compact Pliers

Tools that are friendly to roofers make your job much easier and add value to your work.

Special PVC mallet for angled and versatile strikes.

No power loss.

Leaves no marks on strikes.



CODE	MEASUREMENT mm	WEIGHT kg
092-AS	145,5x75x40	0,634

Gutter Lid Pliers



Burr-free straight cut.

Special alloy steel.

Heat-treated shears.

Oven-painted body

CODE	MEASUREMENT mm	WEIGHT kg
S-100	200	0,480

Straight Tube Shrinking Pliers

Burr-free straight cut.

Special alloy steel.

Heat-treated shears.

Oven-painted body



CODE	MEASUREMENT mm	WEIGHT kg
S-200	240	0,555

Pointed Anvil-Sheet Metal Support-Flattening Tool



Shape Metal, Sharpen Your Craft: Pointed Anvil!
Metals can easily be given any desired shape by forging them on the anvil.
Forging is steel.

CODE	MEASUREMENT mm	WEIGHT kg
093-AS	FLAT SIDE:20x20 POINTED SIDE:100x5	1,650



Flat Anvil-Sheet Metal Support-Flattening Tool

Flatten Metal, Sheap Your Craft: Flat Anvil!
Metals can easily be given any desired shape by forging them on the anvil.
Forging is steel



CODE	MEASUREMENT mm	WEIGHT kg
094-AS	25x35	3,400



Roof Measurement Template



TRACETTE, mini template T5 steel
A tool used for measuring and drawing up to 100 mm
Our laser-cut template has no margin of error
Thanks to the applied darkening process, it is resistant to rust and deformation

CODE	WEIGHT kg
095-AS	0,100



Contact Details More Information



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