



dimos[®]

By Roofers for Roofers

LAGOON[®] bending machine

The reference workshop bending machine!



Products

- + Flexibility, comfort and safety
- + Higher productivity
- + High accuracy

DIMOS

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Specification and technical parameters

LAGOON® 2 M BENDING MACHINE



Specification	
Length	2.21 m
Width	0.64 m
Height	1.05 m
Weight	390 Kg
Working length	2 m

Technical parameters	
Steel 400 N/mm ²	1.00 mm
Aluminium	1.20 mm
Copper	1.00 mm
Stainless steel	0.80 mm
Zinc	1.60 mm

LAGOON® 2,50 M BENDING MACHINE



Specification	
Length	2.71 m
Width	0.64 m
Height	1.05 m
Weight	470 Kg
Working length	2.50 m

Technical parameters	
Steel 400 N/mm ²	0.80 mm
Aluminium	1.00 mm
Copper	0.80 mm
Stainless steel	0.70 mm
Zinc	1.30 mm

LAGOON® 3 M BENDING MACHINE



Specification	
Length	3.21 m
Width	0.64 m
Height	1.05 m
Weight	560 Kg
Working length	3 m

Technical parameters	
Steel 400 N/mm ²	0.75 mm
Aluminium	0.90 mm
Copper	0.70 mm
Stainless steel	0.60 mm
Zinc	1.20 mm

Specification and technical parameters

ACCESSORIES AND ADD-ONS

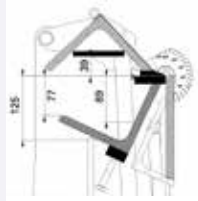
Ref.	Description/Content	Ref.	Description/Content	Ref.	Description/Content
081490	LAGOON® 2 m bending machine	081495	LAGOON® 2,50 m bending machine	081500	LAGOON® 3 m bending machine
981490	LAGOON® 2 m bending machine + manual cutting	981494	LAGOON® 2,50 m bending machine + manual cutting	981500	LAGOON® 3 m bending machine + manual cutting

		LAGOON® 2 m	LAGOON® 2,50 m	LAGOON® 3 m
CUTTING	Manual cutting	Sheet cutting adaptation Ref. 071290 Rotalame Ref. 071224	Sheet cutting adaptation Ref. 071295 Rotalame Ref. 071224	Sheet cutting adaptation Ref. 071300 Rotalame Ref. 071224
	Motor cutting	Motor cutting adaptation Ref. 071280 Electric shears SD 5 Ref. 087302 Electric shears S 1001 N Ref. 087301 Electric shears 2020 Ref. 087306		
BEADING MACHINE	Steel beading machine + bending rod 1 body = 1 diameter	Ø 14 mm - Ref. 083424 Ø 16 mm - Ref. 083426 Ø 18 mm - Ref. 083428		-
	Aluminum beading machine 3Ø + bending rod 1 body = 3 possible diameters	Ø 13 mm - Ref. 083583 Ø 16 mm - Ref. 083586 Ø 18 mm - Ref. 083588		-
REAR TABLE	Rear table	Ref. 081496		-
	Rear table with stop	Ref. 081483		-
	Rear table with rack and stop	Ref. 081493		-
STOP	Angle limit stop 0-160°	Ref. 081492		
	Rear slide stop	Ref. 084568		Ref. 084568 (x2)
	Rear ridge stop, depth 600 mm	Ref. 084560	Ref. 084561	Ref. 084562



Advantages of the LAGOON® bending machine

HIGH UNIVERSALITY

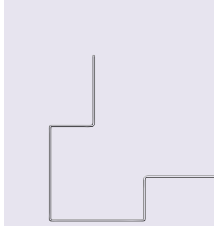


Ideal for all types of bends, including complex and non-standard bends (renovations)

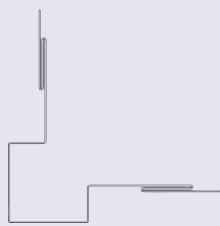
- **"V" shaped bending beam and upper beam opening 140 mm** : Clearance on the lower beam and under the upper beam allows the sheet to be turned for reverse bending.
- **Many different configurations** : jaw stretcher, configuration of bearings for pressure regulation of upper beam.
- **Option of adjustment based on requirements** : wide range of accessories (manual cutting, motor cutting, steel and aluminum beading machine with three possible diameters...).
- **Upper beam seam** makes clamping easier.

What the LAGOON® bending machine can do*...

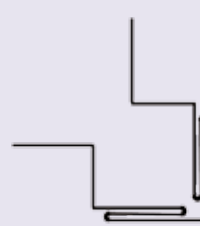
cassette edging, outer angle



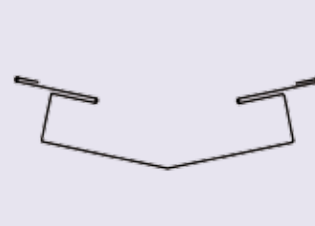
edging with joint on the cassette, outer angle



Cassette edging, outer corner



Inner valley with double bend



*This is not a complete list of possibilities - all other information on producing these profiles can be obtained from DIMOS on the following phone number: +33 (0)240 832 501

COMFORT OF USE/LESS STRENUOUS



- **Very wide pedal with easy operation**:
 - The pedal allows the operator to work **hands free**, thus allowing the adjustment of the sheet metal position.
 - Easy **accessibility** (the operator can press it in the middle or along the edges).
 - **Flexibility and accuracy**, allows easy and exact adjustments.



- **Bending beam**: The weight of the bending tool and auxiliary lifting device allows easier operation.

HOHE GENAUIGKEIT



- **Angle indicator for serial production**: allows easy angle reading for executing bends.
- **Upper bar machining**: to ensure even clamping (which allows easier shaping of individual parts)

HIGHER PRODUCTIVITY (serial production)



- **MOTOR DRIVEN CUTTING** (optional accessories) :
 - Sheet metal: 1 mm
 - Zinc : 1 mm



- **REAR TABLE** (option) : The LAGOON® bending machine thus becomes a complete work station with a table for drawing.



- **ANGLE LIMIT STOP** (option) : Allows identical bends to be executed for the purpose of serial production.



- **REAR STOP** (option) : Allows the depth of cuts or bends to be measured, thus increasing productivity.