

Product catalogue

2023



Prod-masz

Bending machines manufacturer





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About us



Prod-Masz - Products for professionals

If you are looking for the best sheet metal machines on the market, Prod-Masz is the company that will meet your expectations. For over 20 years, we have been a leader in the production of bending machines for a multitude of specialists from all over Europe. We care about the needs of our clients, and in return what they give us back is boundless trust.



 **Prod-masz**
Bending machines manufacturer





Thanks to trained staff and a modern approach, we operate efficiently and create innovatively.

We create our bending machines in accordance with the highest technical standards and CE certificate guidelines, and our production focuses on the satisfaction of our customers by providing the highest quality machines.

If you want to buy a sheet metal machine that is not only easy to use, but also reliable and available at an affordable price, be sure to check out our product portfolio.

Prod-Masz guarantees short delivery times and the highest quality with an excellent price-to-performance ratio.

Join the group of our satisfied customers now and choose Prod-Masz as your business partner.

Check us out now!



RED type bending machines

with side cutouts on the beams



The RED folding machine with cutouts on the beams is a device that stands out from the market competition with its extremely rich equipment. The machine can be successfully used in roofing workshops. The user has the option of bending finishing elements on three sides, e.g. ready-made window sill bending, firewall bending, tight internal or external corner bending with dimensions of 38-40 mm, as well as caps. The toolbox, rear table, angle tapping block, wheels for internal transport and a protractor are also very functional.

RED bending machines were created with the needs of the most demanding roofers in mind. The operation of the machine is very simple. RED bending machines are used during finishing work, bending from the face of the product up and down. Modern components make the device characterized by high work efficiency and precision.

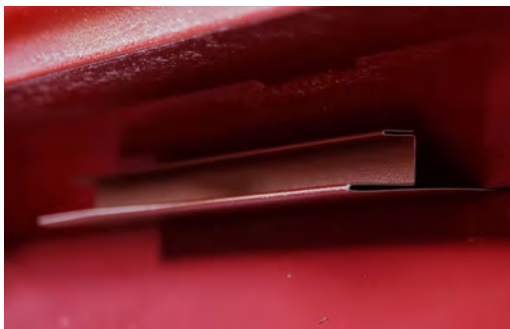


RED PLUS version

Unlike the RED version, the machine has 1 lever for manual lifting of the beam and additionally a mechanism with a pedal enabling operation with the help of legs. The above model of the bending machine is equipped with a set of wheels to facilitate the movement of the machine.



Both types of bending machines: both RED and RED Plus have an identical supporting structure. The difference between the two machines is that the RED version does not have a foot lever for raising and lowering the upper beam, while the machine has two side levers located on both sides of the machine.



Our bending machines have a manual drive. They are intended only for bending thin metal sheets and are most often used in locksmith or roofing works.

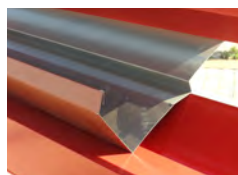
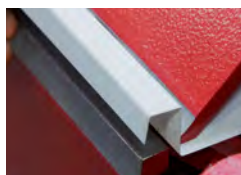


Examples of characteristic bends

that you will create using RED and RED PLUS type bending machines.

The equipment model we offer has special cutouts that allow for various types of technological processes. Thanks to this feature, RED and RED Plus bending machines are much more functional and efficient, which means that they successfully replace segment bending machines.

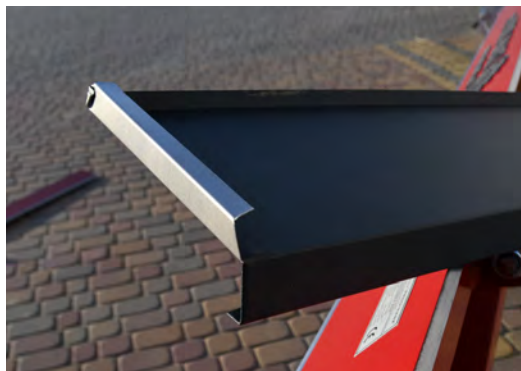
RED bending machines are great for processing steel, aluminum and other types of sheet metal. Thanks to these machines, you will create objects of various shapes and sizes.



Benefits

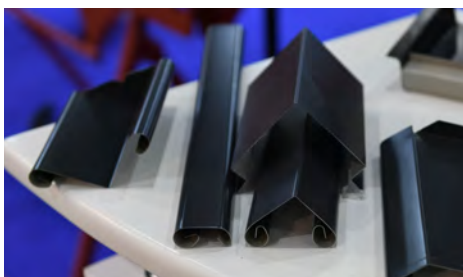
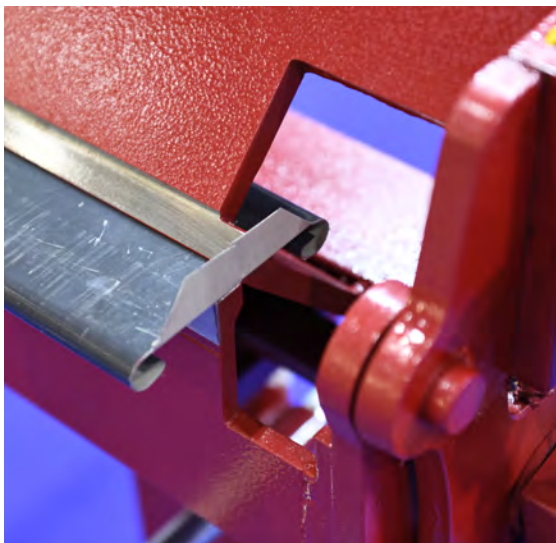
of RED bending machines

- The width of the bending beam of 15 mm will cope with various thicknesses of the processed material, up to and including 1,5 mm of steel.
- The space for the bent finish is 60 mm
- The width of the side cutouts is 60 mm
- Possibility of lifting the upper beam
- Foot operated mechanism (Red Plus version)



Examples of characteristic bends

that you will create using Red and Red Plus type bending machines



List of models

of Red type bending machines

Manual ZGR bending machines 

	Working length	Steel plate thickness	Bending beam thickness	Weight
RED 1250/0.8	1250mm	0.8mm	15mm	49kg
RED 1400/1.2/160*	1400mm	1.2mm	15mm	250kg
RED PLUS 1400/1.2/160*	1400mm	1.2mm	15mm	220kg
RED 1400/1.5/160*	1400mm	1.5mm	15mm	320kg
RED 2200/0.8/145*	2200mm	0.8mm	15mm	220kg
RED PLUS 2200/0.8mm	2200mm	0.8mm	15mm	230kg
RED 2200/1,2 mm/160*	2080mm	1.2mm	15mm	420kg
RED PLUS 2200/1.2mm/160*	2200mm	1.2mm	15mm	480kg
RED 2200/1.5/160*	2080mm	1.5mm	15mm	540kg
RED 2700/1,0 mm/160*	2580mm	1.0mm	15mm	490kg
RED 3200/0.8/160*	3200mm	1.2mm	15mm	600kg
RED PLUS 3200/0.8/160*	3200mm	0.8mm	15mm	700kg
RED 3200/1.0/160*	3200mm	1.0mm	15mm	750kg
RED 4200/0.8/160*	4200mm	0.8mm	20mm	810kg



Manual ZGR bending machines



Manual ZGR bending machines are tools that are used to bend sheet metal or other thin-walled materials. They are general purpose tools that can be used in many industries such as the automotive industry, construction, but also in factories and craft workshops. These machines are used in sheet metal forming. The attached protractor allows bending machines to bend sheet metal at a given angle. The use of bending machines increases the precision of work and speeds up the entire production process.

ZGR-1400 bending machine

The ZGR-1400 mm manual bending machine guarantees high quality and simple operation. This model is equipped with a protractor, turnbuckles, front stops and a rear sheet support table, as well as an angle stop. Each of these individual components is part of the standard equipment of the bending machine, but it is the protractor that is the main and greatest asset of the ZGR-1400 mm machine due to the fact that it enables higher bending accuracy in serial production.



	Working length	Steel plate thickness	Bending beam thickness	Weight
Bending machine ZGR-1400/1.2	1400mm	1.2mm	15mm	180kg
Bending machine ZGR-1400/2.0	1400mm	2.0mm	24mm	190kg

ZGR-2000 bending machine

The ZGR-2000 mm bending machine is a manual model of a bending machine designed for trade and industry. This model is characterized by stability and solid construction. The ZGR-2000/0,8 and 2000T/0,8 models are equipped with a 15 mm thick bending beam. The standard bend angle here is 145 degrees, but it is even possible to produce a model with a bend angle of up to 160 degrees at the customer's request. Models ZGR- 2000/0,8 or ZGR-2000T/0,8 are one of the most popular and best-selling bending machines in our company.



Bestseller

	Working length	Steel plate thickness	Bending beam thickness	Weight
Bending machine ZGR-2000/0.8	2140mm	0.8mm	15mm	180kg
Bending machine ZGR-2000L/0.8	2140mm	0.8mm	15mm	180kg
Bending machine ZGR-2000/1.2	2140mm	1.2mm	24mm	280kg
Bending machine ZGR-2000/1.5	2140mm	1.5mm	20mm	350kg
Bending machine ZGR-2000/1.8	2140mm	1.8mm	20mm	520kg
Bending machine ZGR-2000T/0.8	2140mm	0.8mm	15mm	180kg



ZGR-2500 bending machine

Folding machines in this series are hand-folded machines with a stable construction. Thanks to the strong construction of the bending machines, it is possible to manually bend metal sheets with a thickness of up to 1,5 mm over a length of 2,5 m. Precise parameters, comfort and high quality - these are the main guidelines we use when creating our sheet metal bending machines. These priorities are also confirmed by the CE certificate. ZGR-2500 bending machines are made of a solid steel construction.



	Working length	Steel plate thickness	Bending beam thickness	Weight
Bending machine ZGR-2500/0.8	2640mm	0.8mm	24mm	280kg
Bending machine ZGR-2500/1.2	2640mm	1.2mm	24mm	350kg
Bending machine ZGR-2500/1.5	2640mm	1.5mm	24mm	540kg

ZGR-3000 bending machine

This is one of the most popular versions of ZGR bending machines. The model resembles a classic machine intended for workshops. The technically perfect and thoughtful design of the bending machine gives its user flexibility and ensures economic efficiency. However, care should be taken when using it for maintenance. Care for the equipment effectively extends the life of the machine, making it an almost indestructible machine. The classics are always very popular, and the 3000 model is universal in its own way.



	Working length	Steel plate thickness	Bending beam thickness	Weight
Bending machine ZGR-3000/0.8	3140mm	0.8mm	24mm	400kg
Bending machine ZGR-3000/1.0	3140mm	1.0mm	20mm	550kg
Bending machine ZGR-3140/1.2/155*	3140mm	1.2mm	30mm	600kg





ZGR-3500 bending machine

The working area of the ZGR-3500 bending machines is as much as 3640 mm. These are solid bending machines made of durable materials that are ideal for processing zinc, aluminum or copper of standard thicknesses. ZGR-3500 bending machines are characterized by high quality and reliability, as evidenced by the fact that the beams of the bending machine are made of solid material subjected to CNC processing. Moreover, the thickness of the steel sheet is available in three different versions.

	Working length	Steel plate thickness	Bending beam thickness	Weight
Bending machine ZGR-3500/0.65	3640mm	0.65mm	24mm	550kg
Bending machine ZGR-3500/0.8	3640mm	0.8mm	18mm	700kg
Bending machine ZGR-3500/1.0/155*	3640mm	1.0mm	30mm	850kg

ZGR-4000 bending machine

The ZGR-4000 bending machine is equipped with a worktop with a length of 4140 mm. Thanks to the extended legs, the machine forces the operator to assume a safe working position. Bending machines in this series are equipped with all the accessories necessary for work. These include a sheet support table, a protractor, cylinders and a bending stop. The model ensures bending precision and high comfort of use.



	Working length	Steel plate thickness	Bending beam thickness	Weight
Bending machine ZGR-4000/0.65	4140mm	0.65mm	20mm	850kg
Bending machine ZGR-4000/0.7/160*	4140mm	0.7mm	20mm	700kg
Bending machine ZGR-4000/0.8	4140mm	0.8mm	30mm	900kg



Segmental bending machines



The SGR bending machine is equipped with segments in three beams, upper, lower, as well as in the bending beam. Sheets can be bent on all sides, producing complex shapes for boxes or elements bent up and down. A multi-purpose machine - a strong, heavy and very solid segment bending machine - this is not a typical bending machine - it is much stronger and more durable than other machines.



The main advantages

of segment bending machines

- Full segmentation along the entire working length
- Easy assembly and disassembly of the upper and lower segments
- Bending angle 0 - 160 degrees
- Pedal lock - simple foot operation
- Product equipped with actuators



Additional information

- Segment width: 30, 40, 50, 60, 70 and 100 mm
- Three beams equipped with segments (full segmentation)
- Bending angle limiter
- Bending angle 0 - 160 degrees
- Protractor
- Ground clearance: 100mm

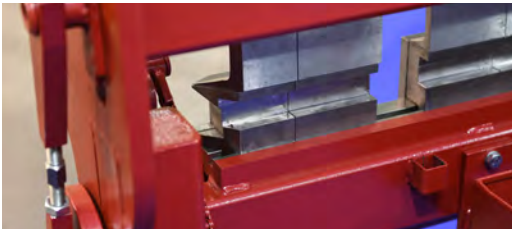
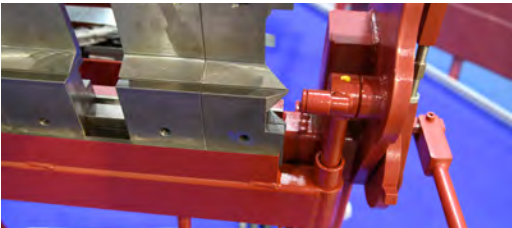
The set includes practical tool boxes for segments or tools



Gallery showing

the functionality of segment bending machines

Hydraulic and semi-automatic
bending machines



	Working length	Steel plate thickness	Bending beam thickness	Weight
SGR-650	650mm	1.0mm	15mm	60kg
SGR-1050	1050mm	1.5mm	15mm	235kg
SGR-1250	1250mm	1mm	15mm	105kg
SGR-1250	1250mm	1.5mm	15mm	255kg
SGR-1400	1400mm	1.5mm	15mm	285kg
SGR-2050	2050mm	1.5mm	15mm	600kg



Hydraulic and semi-automatic bending machines



Semi-automatic hydraulic benders are machines used to form metal by bending metal using hydraulic or mechanical force. Both machines are used for bending sheet metal as well as creating structural components such as frames, posts, beams, etc. Moreover, the machines are equipped with a hydraulic cylinder that facilitates the lifting and lowering of the upper beam. The machines are also characterized by high pressure and precise control of the bending process. Hydraulic benders are easy to operate and the operator's work is limited to using a lever or foot pedal to control the bending force.

As an experienced manufacturer, we sell only exceptionally modern and at the same time reliable hydraulic bending machines. The presented models are universal presses that are commonly used for bending metal sheets for the needs of, among others, the construction, workshop or industrial industries.





Modular bending machines allow for precise and quick production of all components, even those with very complex shapes. Strongsolid construction made of high- quality elements is very stable and resistant to intensive use. Ease of use, user-friendly control program, large bending angle - these are other advantages of the above-mentioned device for processing steel (including galvanized), aluminum and copper sheets.

The ZGH-2140/3,0 and ZGH 3140/1,2 hydraulic bending machines are two specialized presses that meet the stringent Polish and EU requirements for operational safety and quality. The machine tools are characterized by a high level of precision and efficiency, which allows for the improvement of the economic and technical efficiency of technological processes implemented in the production. The offered models are controlled by the use of CNC software, so they contribute to the improvement of production. The investment in these machines pays off quickly.

Hydraulic bending machines

i.e. efficiency and precision

Advantages

- Semi-automatic bending angle set on the encoder and potentiometer
- The press brake works as a semi-automatic. After bending, the beam returns to its original position and the pressure beam returns to the set height. The starting position is 10 mm.
- The press brake is suitable for series production

	Working length	Steel plate thickness	Bending beam thickness	Weight
Hydraulic ZGH-2140/3.0	2140mm	3.0mm	30mm	1000kg
Semi-automatic ZGH-2140/3.0	2140mm	3.0mm	30mm	1300kg
Hydraulic ZGH-3140/1.2	3140mm	1.2mm	30mm	2100kg
Semi-automatic ZGH-3140/1.2	3140mm	1.2mm	30mm	2100kg

Modular and semi-automatic bending machines



Modular bending machines are machines characterized by flexibility and the ability to easily modify the configuration. The machines are made of various modules that can be combined with each other by adapting the modular bending machine to the specific type of material that we intend to process.

Differences between modular bending machines and other bending machines

The differences are that modular bending machines are more flexible and easier to modify. This is because the machines consist entirely of modules spaced 80 cm apart.

Additional accessories

Accessories are attached to the bending machine: circular scissors with a guide, a front table for supporting sheet metal with a scale and a limiter, an angle limiter



Advantages

- Multi-tasking product divided, into modules
- Hinge mechanism for easy bending
- Top opening
- Simple operation

	Working length	Steel plate thickness	Bending beam thickness	Weight
ZGM-2140/1.2	2140mm	1.2mm	15mm	800kg
ZGM-3200/1.2	3200mm	1.2mm	20mm	2000kg

Manual guillotines



Manual guillotines are universal sheet metal shears with high parameters, which work well in many industries, professions or even in home workshops. Manual guillotines are characterized by the fact that they are equipped with a manual mechanism that allows the pressure of the blade to be applied to the material to be cut.



Advantages

of hand guillotines

- Folding table for easy handling of large format sheets
- Working table with scale
- Compact and durable steel construction
- Reliable steel scissors
- Ground and hardened blades
- Quality confirmed by CE certificate



	Working length	Steel plate thickness	Weight
1500mm/1.25mm	1500mm	1.25mm	300kg
2050mm/1.25mm	2050mm	1.25mm	600kg
2500mm/1.25mm	2500mm	1.25mm	800kg
3000mm/1.2mm	3000mm	1.2mm	1000kg



Hydraulic guillotines



Hydraulic guillotines that use hydraulics to apply more pressure to the materials being cut. Widely used in the metallurgical industry. Our guillotines are ideal for cutting steel sheets up to 1.2 mm thick and aluminum sheets not thicker than 1.7 mm.

Advantages of hydraulic guillotines

- High efficiency allowing for long use
- Precision provided by human-assisted hydraulics.
- Solid 1 durable steel construction
- Impressive cutting power to cut hard materials
- Hydraulics that replace people
- Unquestionable safety of use

	Working length	Steel plate thickness	Weight
GLTH-2050/1.2	2050mm	1.25mm	600kg
GLTH-3050/1.2	3050mm	1.2mm	1000kg



Roll bending machines and swaging machines



Roll bending machines for forming metal or plastic by bending or rolling. Roll bending machines are used to produce metal elements of various shapes.



Advantages of roll bending machine

- Speed and efficiency allows you to bend or roll large amounts of material in a very short time
- Ability to create products of various shapes and sizes
- Low operating costs due to the durability and robustness of the coils



	Working length	Steel plate thickness	Weight
Roll bending machine ZWR-1300	1300mm	1.2mm	250kg
Electric roll bending machine ZWR-1300	1300mm	1.2mm	280kg



Universal swaging and swaging machine

for sheet metal

Accessories 



The series presented above has extremely advanced technological solutions that guarantee incredibly efficient and accurate work. Prod-Masz swaging machines are designed to produce various types of grooves during material processing.

The swaging and swaging machines are available in two versions. Both the electric and manual versions can process steel sheets up to 1.2 mm long. Includes 4 pairs of standard gouging and flanging rolls. The power supply is 400V.

Advantages of the gouging machine

- Quick and simple assembly using a rotating mounting element
- Stable grooving machine with crank driven shaft
- Lower shaft with adjustable stop
- High precision achieved thanks to precision-bearing rollers

Universal swaging and swaging machine for sheet metal

Sheet thickness	Maximum distance between beams	Maximum distance between shafts	Working depth	Working depth of the stops	Width	Depth	Height	Weight
1.2mm	20mm	33mm	170mm	180mm	180mm	500mm	400mm	17kg



Accessories

Crushfolders



These convenient and very fast tools are used to precisely press the fold in one work cycle. They are perfect for finishing eaves and drips. The fold is closed leaving the so-called tear, while the sheet is not broken and the surface is not exposed to damage. The working element is a set of 4 cascading shaping roller systems, and the proper sheet pressure is increased gradually. The pressing machine can be used for sheets of various thicknesses, obtaining the required accuracy, thanks to the last system with adjustable gap width.

Sheet metal shears



Our offer also includes specialized shears for cutting sheet metal, which can handle metals with a maximum thickness of 0,8 mm. It is an extremely practical and handy tool. They can be stored in the toolbox that comes with some bending machines.

Edge coiler

ZKR-2000



An interesting proposition is also the ZKR-2000 edge wrapping machine, available in two versions, which differ mainly in the diameter of the wrapping roller. Available models are ZKR-2000/16 mm and ZKR-2000/14 mm. Their useful length is 2050 mm, width - 150, height - 80, and the whole structure weighs 16 kg. The 16mm version is mounted on a stand. In the case of the ZKR 2000/14 mm edge wrapper, this is an optional feature.

Benefits of our accessories

- Metal accessories are characterized by high durability
- Reliable
- Easy to use
- They will be just fit as an addition to your work

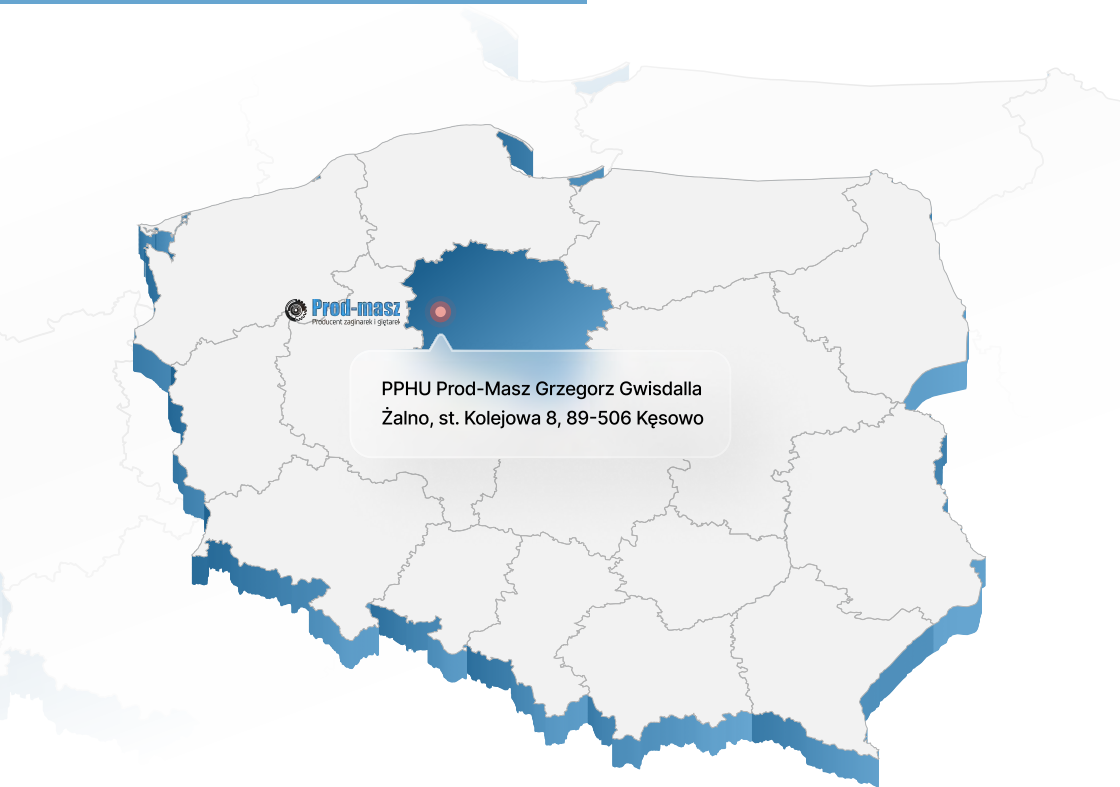
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Do you have special requirements?

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PPHU Prod-Masz Grzegorz Gwisdalla
Żalno, st. Kolejowa 8, 89-506 Kęsowo

PPHU Prod-Masz Grzegorz Gwisdalla



Żalno, st. Kolejowa 8, 89-506 Kęsowo



info@abkantbank24.de



+48 609 011 818



www.en.zaginarki.net

