

Manufacturer of sheet metal folding machines from Poland

PPHU **PROD-MASZ**

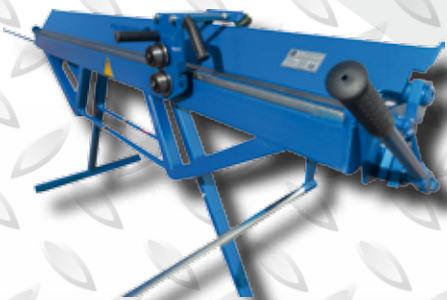
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QBM
QUALITY BUILDING MATERIALS



**Sheet metal folders
Box and pan folders
Sheet metal guillotines
Rotary shears, Cutters
Roll bending machines
Swaging machines
Punching machines
Hydraulic machines**



Are you looking for a machine for sheet metal processing? Do you expect quality and reliability?
Professional advice as well as accurate and punctual deliveries will be provided by Prod-Masz.





The Prod-Masz company belongs to the group of market leaders in the field of sheet metal machines. In our offer everyone will find a model that will meet their individual expectations. We focus on functionality and solid and durable implementation.

We are a dynamic family company, engaged not only in the implementation, but also exceeding the high requirements of our clients. Thanks to trained staff and modern thinking, we are able to take care of your needs and meet your requirements. We want our customers to be completely satisfied with our products and enjoy their use for a very long time.

If you are looking for a sheet metal bending machine that is characterized by trouble-free operation, easy to use and sold at a low price, then our range is worth your attention!

Prod-Masz guarantees short delivery times and the highest quality at a very good price.

If we have aroused your interest, please contact us. We are happy to advise and prepare an offer suitable for you.

The production of created by us bending machines complies with the highest technical standards as well as the CE guidelines. Our machines have a 12-month warranty and enjoy great interest throughout Europe.



The satisfaction of our customers is our top priority.
Qualitative and reliable work distinguish us and is the rule for us.



Sheet metal folders ZGR-1000



Small folding bending machines with a working length of 1020 mm and 1250 mm for 0.8 mm thick steel sheet and aluminum sheet up to 1 mm with a built-in curl forming machine with a pipe diameter of 14 mm. The rotary shears is here on the guide rail and does not have to be removed.

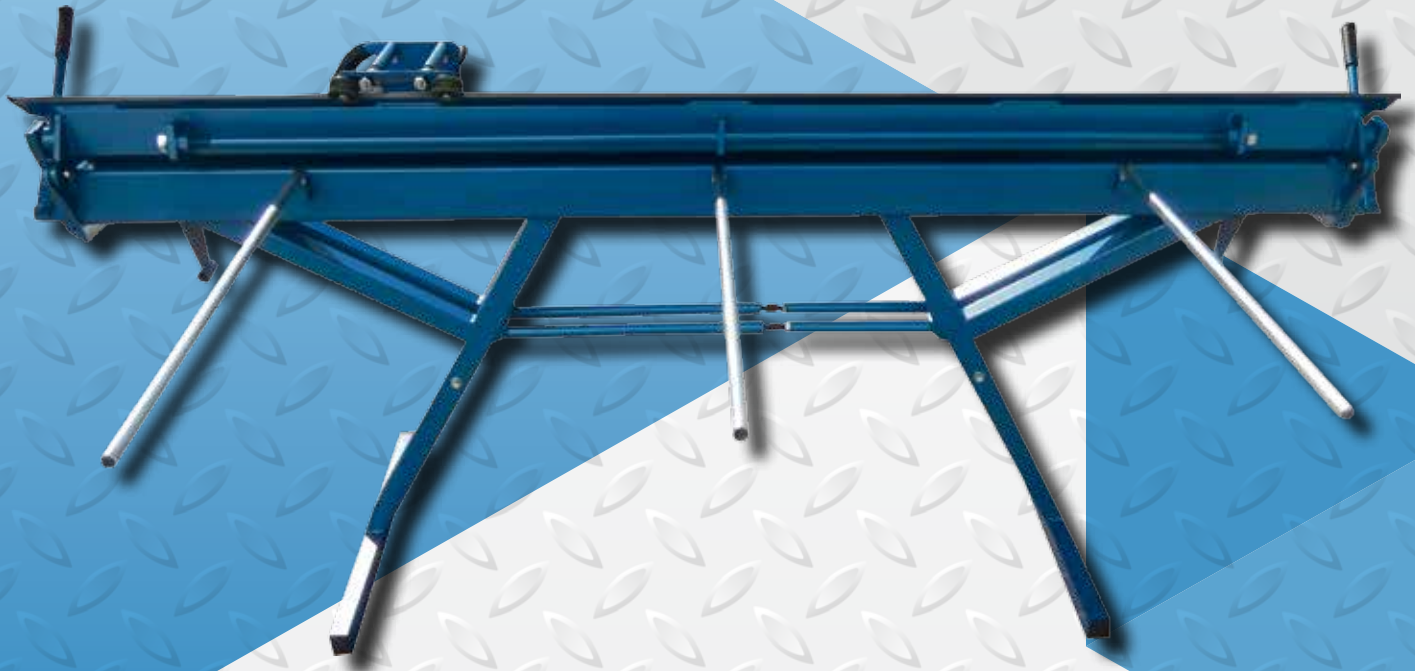
Advantages:

- the possibility of beam adjustment
 - light weight: only 39 kg !!!
 - bending edge: 15 mm
 - built-in curl forming machine -> pipe diameter 14 mm
 - passage opening 60mm
 - bending angle: 145 degrees
- unscrewable and foldable legs

Each bending machine delivered by us is produced by CNC technology. All machines have a CE certificate and are covered by a 12-month warranty.



Sheet metal folders ZGR-Type L



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L-type benders have been created for roofers. They have the right lengths like the ZGR-2140 bending machine, which enables cutting with a cutter over the entire working length.

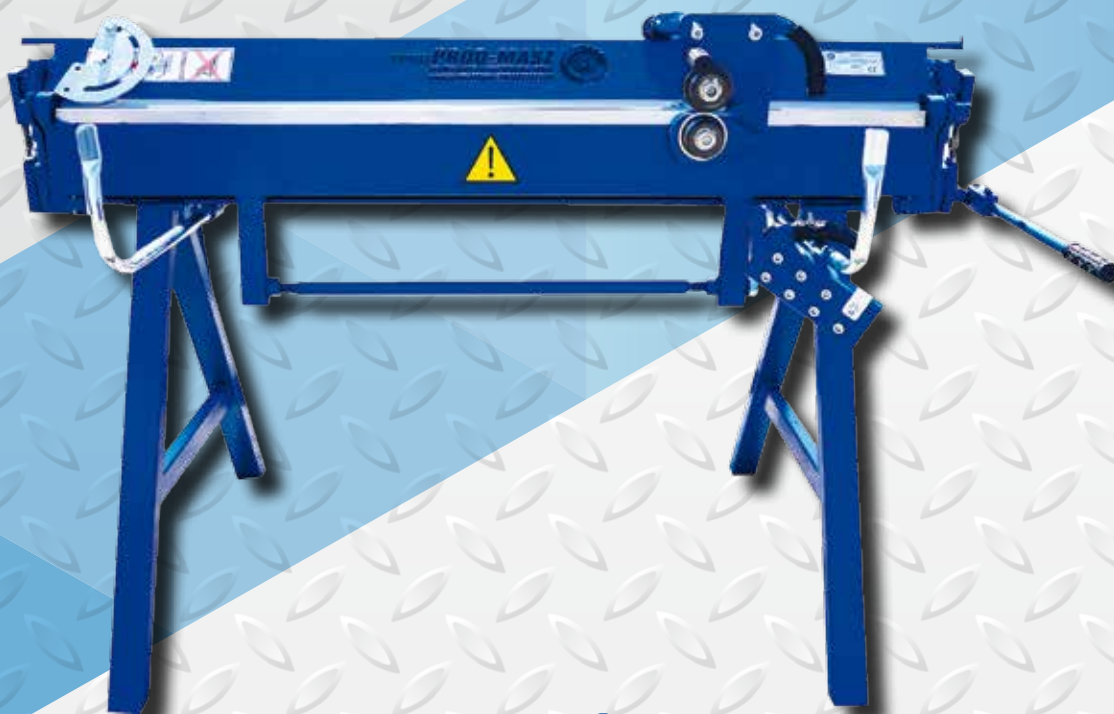
These light build machines have a durable and strong construction. The bending angle is 160 degrees here.

In addition, these machines are equipped with front bumpers with a connecting strip and a back table for supporting the sheet metal.



	working length	thickness of steel plate	bending angle	bending edge	max. opening	weight
ZGR-2000L	2140mm	0.8mm	160	18mm	120mm	170 Kg

Sheet metal folders ZGR-1400



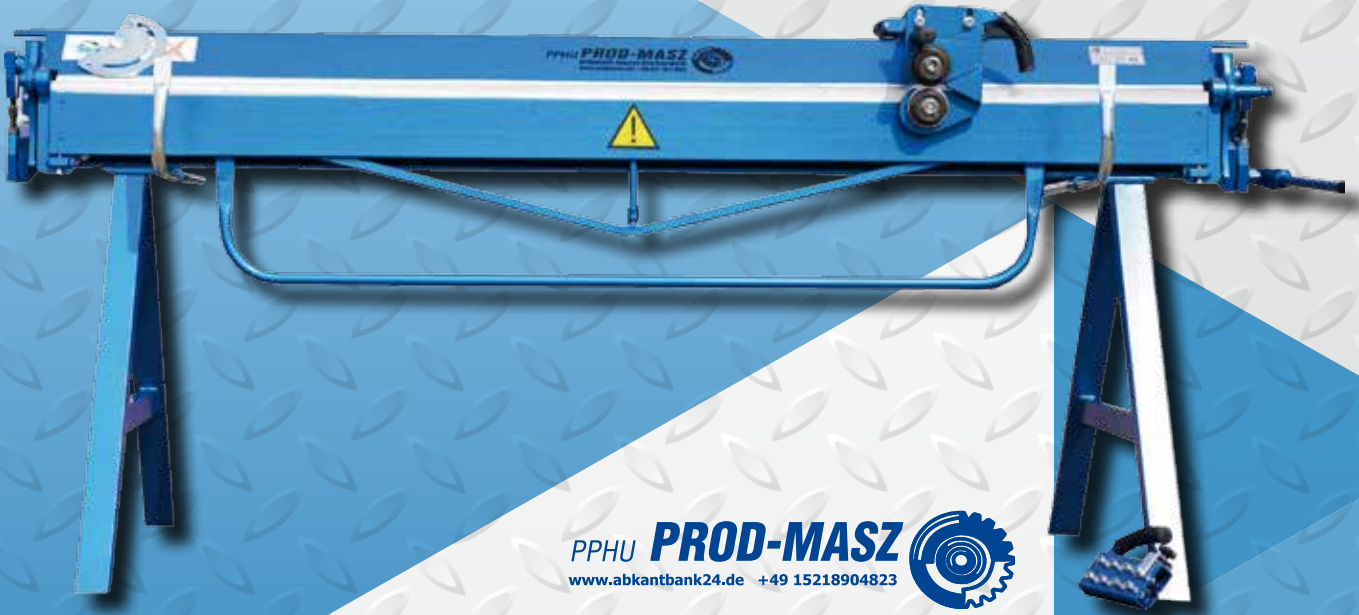
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Manual bending machines ZGR- 1400 mm have a variety of applications, e.g. in workshops and in the field of construction services. These folding machines guarantee very high quality and agility of the work and are equipped in degrees scale, front bumpers, a rear table for supporting the plate and an angle stop. All these components belong to the standard equipment of the machine. An integrated degree scale allows a high bending accuracy in series production.



	working length	thickness of steel plate	bending angle	bending edge	max. opening	weight
ZGR 1400/1.2 mm	1400 mm	1.2 mm	145	15 mm	80 mm	150 kg
ZGR 1400/2.0 mm	1400 mm	2.0 mm	145	24 mm	80 mm	190 kg

Sheet metal folders ZGR-2000



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ZGR-2000 benders are manual bending machines for industry and trade. They are characterized by stable, high quality workmanship and thanks to that they have a long service life. A fold-out shelf for metal sheets facilitates the handling of larger workpieces

By using cylinders, the upper bending bar can be easily lifted up.

In the case of ZGR-2000 / 0.8 and 2000T / 0.8 models, the bending beam is 15 mm, which allows the production of standing seam profiles. The standard bending angle is 145 degrees, but at customer's request it can be 160 degrees.



	working length	thickness of steel plate	bending angle	bending edge	max. opening	weight
ZGR-2000/0.8	2140mm	0.8mm	145	15mm	80mm	180 Kg
ZGR-2000/1.2	2140mm	1.2mm	145	24mm	80mm	290 Kg
ZGR-2000/1.5	2140mm	1.5mm	145	20mm	80mm	320 Kg
ZGR-2000/1.8	2140mm	1.8mm	145	20mm	80mm	430 Kg

Sheet metal folders RED and RED PLUS 2200



These bending machines are equipped with precise mechanisms (hinges) that support and stiffen the center of the bending beam, ensuring trouble-free operation without distortions.

High quality and attention to detail of all elements ensure reliable and durable use. Thanks to the use of hinges and foot lever, the possibilities of application have been expanded. You can therefore bend in any position and there is no need to grip the lever on the right side of the machine. This increases both the accuracy and the speed of positioning the workpiece on the bending edge.

These machines also have: rear and front frame for holding the sheet, depth stop, step scale, angle limiter, gas spring. The only tool that can be used to place complicated machining inside the bending machine.

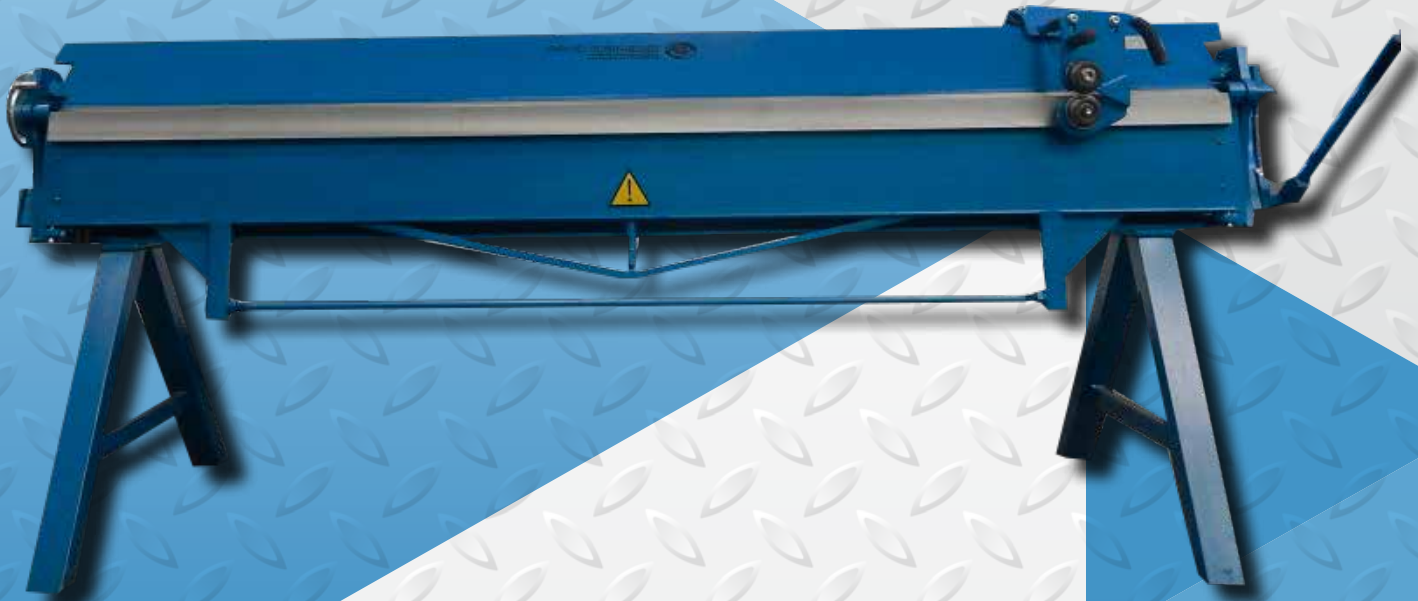
Modern solutions allow even more precise work.



	working length	thickness of steel plate	bending angle	bending edge	max. opening	weight
RED-2200	2200mm	0.8mm	140	15mm	80mm	250 Kg
RED PLUS-2200	2200mm	0.8mm	140	15mm	130mm	270 Kg

Thousands of customers have already trusted us!

Sheet metal folders ZGR-2500



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The bending machines of this series are hand-folded machines with a stable construction. Thanks to the robust construction of these bending machines, it is possible to bend sheets with a thickness of up to 1.5 mm on a length of 2.5 m.

Accurate parameters, convenience and high quality. These are the main guidelines for the creation of our sheet bending machines, which also confirms the CE certificate. ZGR-2500 benders are made of solid steel construction.



	working length	thickness of steel plate	bending angle	bending edge	max. opening	weight
ZGR-2500/0.8	2640mm	0.8mm	145	24mm	80mm	290 Kg
ZGR-2500/1.2	2640mm	1.2mm	145	24mm	80mm	320 Kg
ZGR-2500/1.5	2640mm	1.5mm	145	24mm	80mm	400 Kg

Sheet metal folders ZGR-3000



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These folding machines with a stable structure belong to the group of the most sold bending machines manufactured by Prod-Masz. These bending machines are classic workshop machines. The technically perfect and well-thought-out design of the folding machine guarantees the flexibility of the machine and its economic performance, and thanks to maintenance and work while maintaining the manufacturer's specifications, the ZGR-3000 bending machine is practically indestructible in everyday use.

Extended technical thought and modern technologies enable our company to create products that completely meet the expectations and needs of a modern roofer.



	working length	thickness of steel plate	bending angle	bending edge	max. opening	weight
ZGR-3000/0.8	3140mm	0.8mm	145	24mm	80mm	400 Kg
ZGR-3000/1.0	3140mm	1.0mm	145	20mm	80mm	550 Kg
ZGR-3000/1.2	3140mm	1.2mm	155	30mm	80mm	840 Kg

The „Prod-Masz” brand means the highest quality.

Sheet metal folders ZGR-3500



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Professional bending machines with 3.64 m work surface.

ZGR-3500 bending machines are solidly constructed and built, well suited for the processing of zinc, aluminum and copper in the usual strengths.

The high quality of execution and design of all elements ensures reliable and durable use while maintaining accuracy in the geometry of the folding bench. These folding machines provide high precision for daily use at the construction site.

The two beams are CNC machined from solid material and ensure a long durability. By using cylinders, the upper bending bar can easily be lifted.



	working length	thickness of steel plate	bending angle	bending edge	max. opening	weight
ZGR-3500/0.65	3640mm	0.65mm	145	24mm	80mm	550 Kg
ZGR-3500/0.8	3640mm	0.8mm	145	18mm	80mm	750 Kg
ZGR-3500/1.0	3640mm	1.0mm	155	30mm	80mm	850 Kg

Sheet metal folders ZGR-4000



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Excellent workmanship and practical solutions are convincing in these bending machines. The bending capacity is sufficient for 0.8 mm thick steel sheets for most applications. The extended legs give these machines a very safe working position and also prevent a rapid „tipping over” during transport.

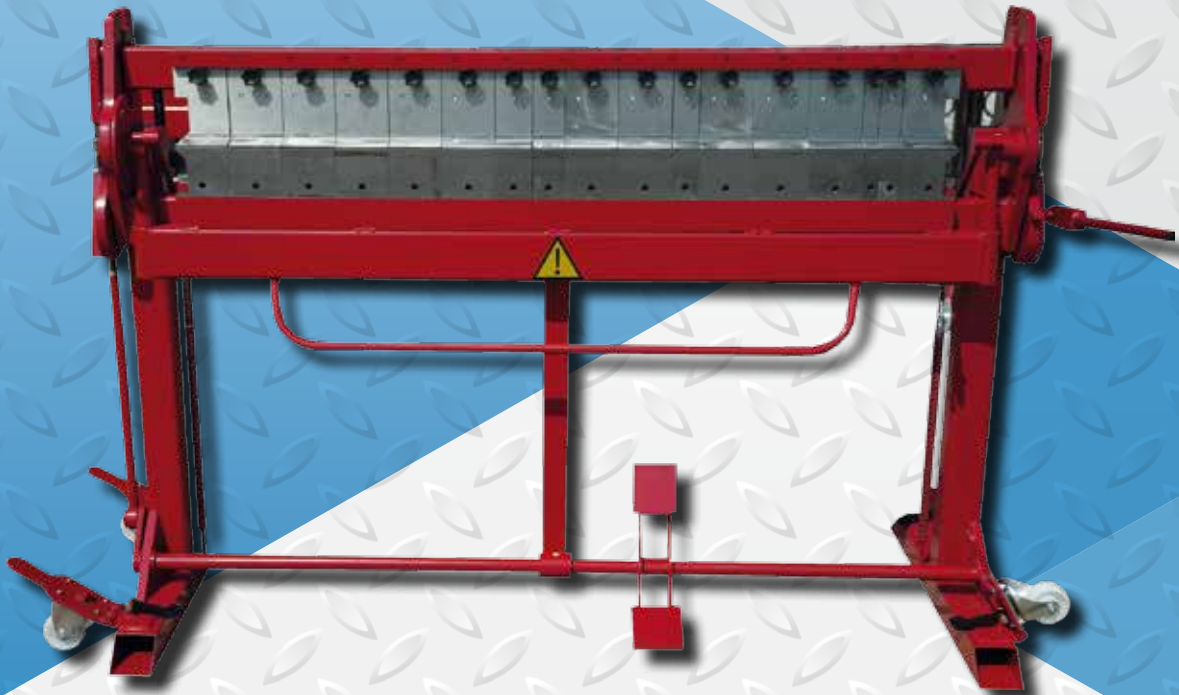
These benders are equipped with all accessories and offer a truly unique price-performance ratio. The rear plate support table, protractor, hydraulic compensators and bending stop angle are included in the standard scope of delivery of these roof bending machines.

Precision bending and handiness, ergonomic beam for optimal position and hydraulic compensators for light handling - these are just some of the advantages of this heavy and massive bending machine.



	working length	thickness of steel plate	bending angle	bending edge	max. opening	weight
ZGR-4000/0.6	4140mm	0.6mm	145	20mm	80mm	600 Kg
ZGR-4000/0.7	4140mm	0.7mm	160	20mm	80mm	700 Kg
ZGR-4000/0.8	4140mm	0.8mm	155	30mm	80mm	800 Kg

Box and pan folders SGR-1000, 1250 and 1400mm



3-fold bending machines with foot control - these machines are equipped with segments in three bars: upper, lower and bending. This makes it possible to bend sheet metal from all sides, e.g. create complex shapes of boxes or objects.

Benefits:

- EU production,
- blocking with the pedal, hands are free and you can position the plate freely
- upper, lower and bending beams divided into segments,
- precision ground segments,
- segments with guidance for easy and quick disassembly,
- easy and quick setting of the bending angle limiter,
- bending beam combined with two hydraulic compensator, thanks to which operating the beam is extremely light,
- heavy and durable construction for decades of use,
- convenient opening and closing of the upper beam,
- a practical shelf for segments and tools at the rear of the machine.

Technical data:

- max. working width; 1000mm / 1250mm / 1400mm
- bending angle max. 160 degrees
- max. sheet thickness (steel) 1.5 mm
- weight 235 kg / 255 kg / 275 kg
- width of segments 30,40,50,60,70 and 100 mm
- bending angle limiter
- protractor
- 100 mm opening



Arbeitslänge	Blechstärke (Stahl)	Biegewinkel	Segmentbacken breite	Durchlass	Gewicht
1000mm 1250mm 1400mm	1,5mm	160 Grad	30,40,50,60,70 und 100mm	100mm	235 Kg 255 Kg 275 Kg

Sheet metal guillotines



Available lengths:

- 1500 mm manual or hydraulic
- 2050 mm manual or hydraulic
- 2500 mm manual or hydraulic
- 3000 mm manual or hydraulic



A guillotine is a motorized or hand-operated machine tool for cutting metal sheets.

Universally applicable manual or hydraulic sheet metal shears in heavy design for trade and industry.

Thanks to the GLT guillotine, you perfectly adapt to any work.

- fold-out table makes it easy to carry large format sheets,
- worktable with graduation,
- solid and compact steel construction,
- high quality, durable steel knives,
- extremely stable and heavy cast iron construction,
- ground and hardened plate shear knives,
- rear bumpers with scale,
- Quality approved by the CE mark
- for steel sheets 1.2 mm

- open design suitable for endless cuts
- 2.2 kW motor power
- HL 46 oil
- 4t pressure
- working pressure 120-150 bar
- has hydraulic compensators from the cutter bar up



Hydraulic bending machines and numerically controlled CNC machines ZGH-2140 and ZGH-3140



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The bending machines of the ZGH series are our motor variants with a versatile solution for sheet metal processing.

They are widely used in demanding craft businesses. To create a universal solution for all applications up to a steel sheet up to 3 mm thick, PPHU Prod Masz company has used its many years of experience in the field of mechanical engineering.

High efficiency and years of trouble-free operation are the most important features of hydraulic bending machines.

CNC hydraulic bending machines are numerically controlled. Thanks to the programming option for several working cycles, the user can enjoy even more working comfort. All models are equipped with a control panel.



Available hydraulic models:

- ZGH-2640/2mm

The advantages of semi-automatic machines:

- adjustable rear table with scale,
- semi-automatic bending angle adjustable on the encoder and potentiometer,
- after bending, the beam returns to the starting position, while the pressure beam returns to the set height.



Modular folding machines ZGM-2000 and 3200mm



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The machines in this group consist of 2 to 6 modules, each separated by 80cm, (supporting arms of the upper beam), which increases stability during the bending process.

Sheet metal can be inserted inside the machine (depth). Closing the bending machine takes place on the sides and from the inside. With this folding bench you can do many complicated edits.

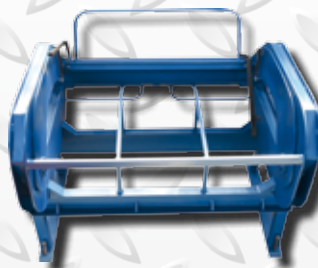
The max. Sheet thickness up to 1.2mm sheet steel. Available lengths from 1 M to 4 M

This bending machine has a powerful clamping arm that provides adequate clamping force. Each module additionally strengthens the beam structure, while the bending beam is supported in several places by hinge mechanisms.

- Accessories: cutter with guide, front table for supporting the sheet with scale and stop, angle limiter

Advantages:

- upper opening
- simple bending process through the use of a hinge mechanism
- much stronger than a typical manual folding machine
- precise and innovative
- intuitive and trouble-free service
- modern design
- solid, welded steel construction, made in CNC technology



PUNCHING MACHINES

Punching machine for steel profiles PM 10

Eccentric punch press

This machine has been designed with fitting companies that manufacture light, galvanized steel structures in mind.



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- technological undercuts in terminal parts of steel profiles
- simple operation
- high efficiency: 30 cycles/min
- operates in automatic and semi-automatic mode wide range of operation thanks to an array of blanking die sets, i.e. bar cutting set, hole punching - - set for sheets, set for perpendicular joining of pipes
- thickness of punched material dependent on tool

Compatible blanking tools:

- “wedge-shaped” blanking tool for punching holes for galvanization
- blanking tool for rounding sheet corners
- blanking tool for punching sheet corners 80×80



Hydraulic punching machine PH 70

Smaller universal hydraulic press

This general purpose hydraulic punching machine is perfectly suited for all types of metal forming, cutting, bending or hole punching.

- piston stroke adjustable upto 70mm
- punches fastened directly in the pressing piston
- pressing force regulation
- backlit working part
- simple operation
- universal applications
- quiet work
- broad operating range thanks to a wide array of punching die sets



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Technical specifications:

- pressing force- 16 T
- motor - 2,2 KW
- pressure of hydraulic unit- 150 bar
- stroke - 70mm
- weight - 350 Kg
- dimensions- 450x800x1430mm

Compatible blanking tools:

- "wedge-shaped" blanking tool for punching holes for galvanization
- blanking tool for rounding sheet corners
- blanking tool for punching sheet corners 80x80



Stationary rolling mill for pipes, profiles and flat bars GTR 60, 4, portable rolling mill GTR 50

GTR60 is a stationary rolling mill for arcs and spirals. The application of modular rollers means that this rolling mill can work with a broad spectrum of rolled piece dimensions. Thanks to the 3-roller drive, it is possible to roll smaller structural profiles in one pass.

WSX60 works in the vertical and horizontal position, allowing for more practical use of the machine.

- Drive of all rollers: All 3 rollers of the machine are driven with the possibility of disconnecting the top bending roller. Biegewalze zu trennen.

Technical details:

- weight: 290 kg
- rated volatege 230V/400V/50Hz
- motor revolutions 930 rpm
- bending roller revolutions 13 rpm

Dimensions:

- engh: 800 mm
- height: 1300 mm
- width: 870 mm
- noise level 55 dB
- motor power 1.1 kW
- minimum radius 250 mm
- that can be achieved, approximate value due to diversity of materials
- maximum rolling dimension 60 mm x 60 mm x 3 mm / Ø60 mm x 3 mm



Mobile rolling mills for pipes, profiles and flat bars The smallest portable rolling mill offered by Prod-Masz. This rolling mill's main advantages are:

Hydraulic pressing force – rolling mills until now had screw-action pressing force

Modular design – allows for quick disassembly of nearly every part of the machine

Rollers: plastic, steel

Pressing: hydraulic, screw

Drive: manual, electric

Light, modular design • Simple roller replacement • Simple operation • Portable machine



Technical details:

- Pressing force 2T
 - Max. dimensions of bent section 50 mm x 50 mm x 2 mm / Ø50 mm x 1,5 mm
 - Roller spacing 435/315/195mm
 - Rotational speed 12 obr/min
 - Drive 220V / manual
 - Dimensions (height x length x width) 485x600x220 mm
 - weight: 39 kg (with motoreducer: 46 kg)
- The mobile rolling mill is also available in the bigger version as the GTR-100.

Additional equipment for bending machines



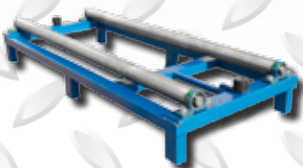
Rotary shears/ cutter NK / 0,8mm - with adjustable cutting direction and rollers, which are made of high-alloy steel with very high resistance against wear. This allows cutting of sheet over a very long period of time, without re-sharpening. The performance of the cutter is about 40 km of sheet metal with a thickness of 0.5 mm - until the first re-sharpening. The cutting wheels can be sharpened an average of 35 times.

- Max. Steel sheet thickness up to 0.8mm
- weight approx. 8 kg



Welt press / Edge pressing - convenient and very fast tool for precise pressing of the prefabricated fold in one operation.

Curl forming machine- useful length: 2050 mm
Max. sheet thickness: 0.60 mm for $R_m < 360$ MPa
Diameter of the wrapping roller: $\varnothing 16$ mm or $\varnothing 14$ mm on request
The diameter of the pipe is 31.8 / 3.6



Sheet unwinder (pallet unwinder) - dispenser with a width of up to 1250 mm to 1200 kg. The basis of the stiff sheet metal unwinder was made of steel profiles. Roll spacing: 260 mm - 330 mm



Swaging machine 1.2mm - is available in 2 versions. Both the electrical and the manual version can handle steel sheets up to a thickness of 1.2 mm.

- the ability to adjust the bumper
- the possibility of electrical installation
- 4 sets of rollers included
- making the shape of rolls on order in the price of the machine
- gouging depth 190mm



Metal plate rolling machine ZWR-1300
Assymetric 3-roll bending machine made of high-strength steel with a manual or electric drive

- working length 1300mm,
- the max. thickness of the sheet for 1.2mm,
- weight about 250 kg of the hand machine,
- in the production of gutters and outflow pipes



The best quality for the amazing price !!!
We look forward to winning you as a customer

Contact and directions:

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

Handy:

+49 15218904823, +48 609 01 1818

info@abkantbank24.de

+48 609 01 1818

+48 601 088 051

+48 661 112 635

fax. +48 52 334 14 56

www.abkantbank24.de

www.zaginarki.net



QUALITY BUILDING MATERIALS

IRISH OFFICE

Unit 5C, Grange Avenue,
Baldoyle Industrial Estate,
Dublin D13 F58X
Ireland

