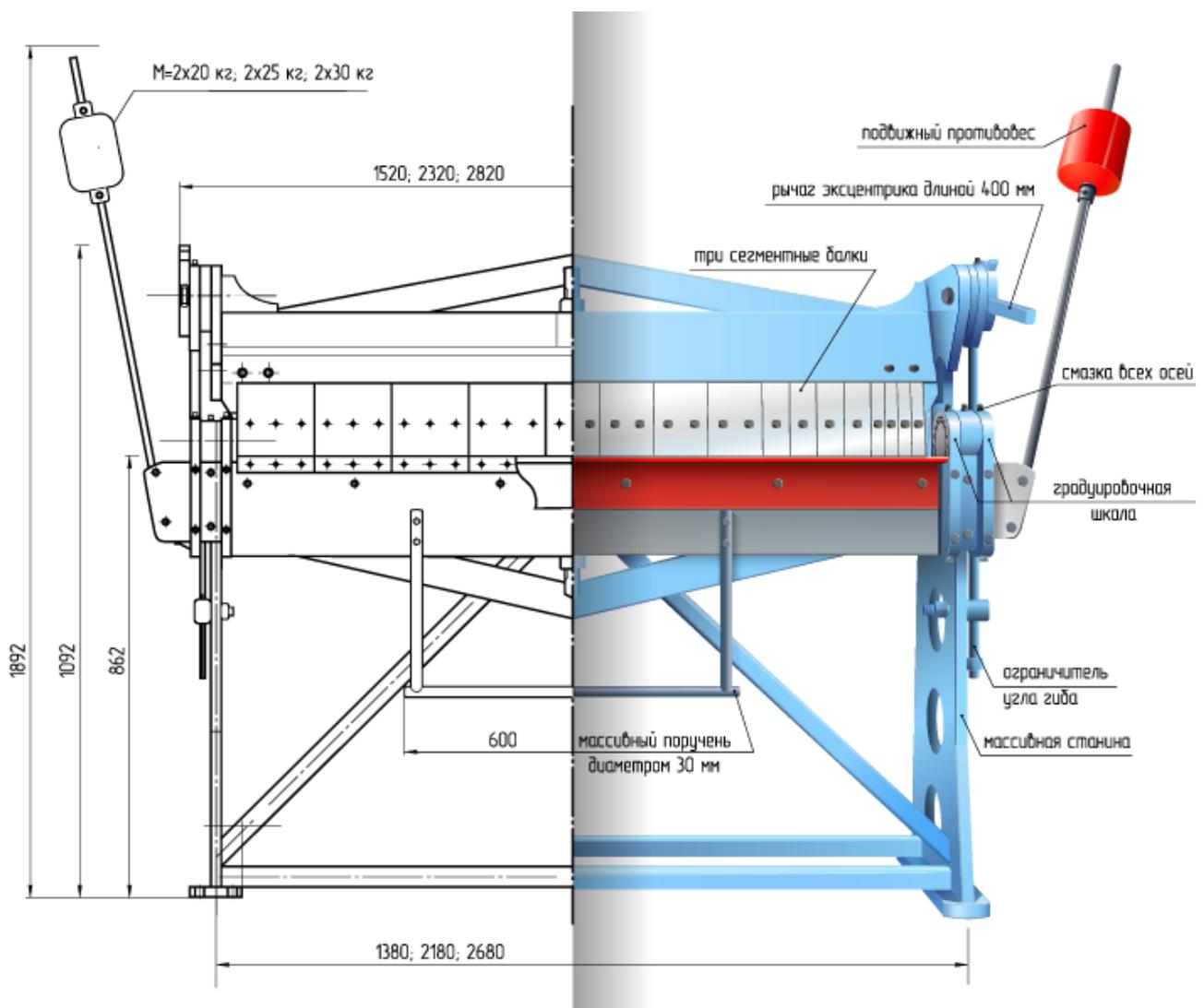


Manual Segment Bending Machines

(sheet thickness up to 2.5 mm)

Content

I.	About company	2
II.	Special features	3
III.	Sheet bending machine Aksioma A2.5/1300	4
IV.	Sheet bending machine Aksioma A2.2/2100	6
V.	Sheet bending machine Aksioma A2.0/2600	8
VI.	Sheet bending machine Aksioma B1.0/1300	10
VII.	Sheet bending machine Aksioma B0.8/2600	11
VIII.	Delivery	12
IX.	Representation	13



About company

The company "Aksioma" is a structural subdivision of Yadrin Machine-Building Plant. "Aksioma" specializes in the production of manual machines (lathes) for metal processing. Machine-Building Plant in Yadrin (Republic of Chuvashia) founded in 1971, and continue this cooperation now. In addition, the plant produces a range of high-pressure valves for hydraulic systems,

Quality control at all stages of the production process and almost half a century of experience with precision products enables us to maintain consistently high product quality. Components of the machine "Aksioma" tested at all stages of production - metal stamping, machining, welding control and assembly operations, control of parameters of heat treatment, quality control, metal surface cleaning and quality powder coating.

The high resource machines "Aksioma" is provided by well-chosen kinds (mark) of steel, processing precision manufacturing.

For maximum of convenience when using our machines, we adhere to the principle "all inclusive"; it means that additional tools and devices necessary during the operating process already concludes in the basic

Special features

When you pre-order the machine, you will be able to create just such a hardware configuration, which will accurately reflect your production tasks, namely:

- to change the width of any segment beams at a constant total number of segments;
- equipment of the bending machine by additional counterweights, in addition to those entering in the basic package
- We have the ability to produce bending machine with (variable) standard less lengths of the working area, for example, 3050 mm.

Sheet bending machine Aksioma A2.5/1300

Intended for the manufacture of the most complicated wares with multiple edges bent in different directions, have the flexibility to non-parallel edges. Series "A" works with sheets of Steel.3 thickness up to 2.5 mm and aluminum and copper sheets up to- 5 mm, and besides according to precise gap adjusting mechanism is easily configured into sheets of thickness of 0.3 mm.

The reliability of the machine provides by

- the massive construction made of alloyed steel, the weight of bending machine A2.5/1300 is 540 kg;
- symmetrically loaded main elements - the axis of rotation of the clamping and rotary beam;
- the presence of bronze bushings sliding, preventing wear of the main components;
- high precision manufacturing;

The ability to produce the most complicated parts

- pressing segmental bar ;
- rotating segment beam;
- main segment beam ;
- segments 8 kinds of width 25 up to 152 mm;
- accuracy for setting the working gap for thicknesses from 0.3 mm to 5 mm;

Unsurpassed usability

- four calibration scales,
- the bending angle is visible to the operator from any position;
- two mechanical bending angle limiter;
- engraving the width of the segments;
- segments can be easily removed and moved along the beams;
- rear table excludes the slack of the sheet;
- the depth limiter (back stop) of the material feed;

Easy bending

- counterweights completely compensating the weight of the rotary beam and part of the necessary effort to bend;
- precision hinges and bronze sleeve bearings;
- grease of all rotation parts;

Segmentation Formula

1300 mm = 2x25 + 2x42 + 2x51 + 2x73 + 2x84 + 2x106 + 2x117 + 2x152

Specification (technical data)

METAL BENDING MACHINE A2.5/1300	
Working length	1300 mm
Maximum metal thickness of steel 3	2.5 mm
Bending radius	2t (t- thickness of material)
Jaws clamping beam	90 mm
The working lumen of segments of the clamping beam	51 mm
The working lumen of segments of the main beam	20 mm
The working lumen of segments of the rotating beam	20 mm
The maximum bending angle	130 degrees
Precision of bending	0,2 t
A method of fixing clamping beam	eccentric
Minimum unbent edge	10 mm but not less 8t
Weight of counter weights excluding the bar weight	2x20 kg

Sheet bending machine Aksioma A2.2/2100

Intended for the manufacture of the most complicated wares with multiple edges bent in different directions, have the flexibility to non-parallel edges. Series "A" works with sheets of Steel.3 thickness up to 2.2 mm and aluminum and copper sheets up to- 5 mm, and besides according to precise gap adjusting mechanism is easily configured into sheets of thickness of 0.3 mm.

The reliability of the machine provides by

- the massive construction made of alloyed steel, the weight of bending machine A2.2 / 2100 is 810 kg;
- symmetrically loaded main elements - the axis of rotation of the clamping and rotary beam;
- the presence of bronze bushings sliding, preventing wear of the main components;
- high precision manufacturing;

The ability to produce the most complicated parts

- pressing segmental bar ;
- rotating segment beam;
- main segment beam ;
- segments 10 kinds of width 25 up to 200 mm;
- accuracy for setting the working gap for thicknesses from 0.3 mm to 5 mm;

Unsurpassed usability

- four calibration scales;
- the bending angle is visible to the operator from any position;
- two mechanical bending angle limiter;
- engraving the width of the segments;
- segments can be easily removed and moved along the beams;
- rear table excludes the slack of the sheet;
- the depth limiter (back stop) of the material feed;

Easy bending

- counterweights completely compensating the weight of the rotary beam and part of the necessary effort to bend;
- precision hinges and bronze sleeve bearings;
- grease of all rotation parts;

Segmentation Formula

$$2100 \text{ mm} = 2 \times 25 + 2 \times 42 + 2 \times 51 + 2 \times 73 + 2 \times 84 + 2 \times 106 + 2 \times 117 + 2 \times 152 + 3 \times 200 + 2 \times 100$$

Specification (technical data)

METAL BENDING MACHINE A2.2/2100	
Working length	2100 mm
Maximum metal thickness of steel 3	2.2 mm
Bending radius	2t (t- thickness of material)
jaws clamping beam	90 mm
The working lumen of segments of the clamping beam	51 mm
The working lumen of segments of the main beam	20 mm
The working lumen of segments of the rotating beam	20 mm
The maximum bending angle	130 degrees
Precision of bending	0,2 t
A method of fixing clamping beam	eccentric
Minimum unbent edge	10 mm but not less 8t
Weight of counter weights excluding the bar weight	2x25 kg

Sheet bending machine Aksioma A2.0/2600

Intended for the manufacture of the most complicated wares with multiple edges bent in different directions, have the flexibility to non-parallel edges. Series "A" works with sheets of Steel.3 thickness up to 2.5 mm. and aluminum and copper sheets up to- 5 mm, and besides according to precise gap adjusting mechanism is easily configured into sheets of thickness of 0.3 mm.

The reliability of the machine provides by

- the massive construction made of alloyed steel, the weight of bending machine A2.0 / 2600 is 930 kg;
- symmetrically loaded main elements - the axis of rotation of the clamping and rotary beam;
- the presence of bronze bushings sliding, preventing wear of the main components;
- high precision manufacturing;

The ability to produce the most complicated parts

- pressing segmental bar ;
- rotating segment beam;
- main segment beam ;
- segments 10 kinds of width 25 up to 200 mm;
- accuracy for setting the working gap for thicknesses from 0.3 mm to 5 mm;

Unsurpassed usability

- four calibration scales;
- the bending angle is visible to the operator from any position;
- two mechanical bending angle limiter;
- engraving the width of the segments;
- segments can be easily removed and moved along the beams;
- rear table excludes the slack of the sheet;
- the depth limiter (back stop) of the material feed;

Easy bending

- counterweights completely compensating the weight of the rotary beam and part of the necessary effort to bend;
- precision hinges and bronze sleeve bearings;
- grease of all rotation parts;

Segmentation Formula

$$2600 \text{ mm} = 2 \times 25 + 2 \times 42 + 2 \times 51 + 2 \times 73 + 2 \times 84 + 2 \times 106 + 2 \times 117 + 2 \times 152 + 5 \times 200 + 3 \times 100$$

Specification (technical data)

METAL BENDING MACHINE A2.0/2600	
Working length	2600 mm
Maximum metal thickness of steel 3	2.0 mm
Bending radius	2t (t- thickness of material)
jaws clamping beam	90 mm
The working lumen of segments of the clamping beam	51 mm
The working lumen of segments of the main beam	20 mm
The working lumen of segments of the rotating beam	20 mm
The maximum bending angle	135 degrees
Precision of bending	0,2 t
A method of fixing clamping beam	eccentric
Minimum unbent edge	10 mm but not less 8t
Weight of counter weights excluding the bar weight	2x30 kg

Sheet bending machine Aksioma B1.0/1300

Bending machine "Aksioma" series "B" with a length of 1300 mm working area is designed to work with metal thickness up to 1 mm, and is one of the most reliable machines in its class. Ideal for simple works in a building areas or maintenance zone with metal sheet thickness from 0.3 to 1 mm.

The reliability of the machine provides by

- the massive construction made of alloyed steel, the weight of bending machine (light series) B1.0/1300 is 540 kg;
- symmetrically loaded main elements - the axis of rotation of the clamping and rotary beam;
- the presence of bronze bushings sliding, preventing wear of the main components;
- compensators deflection on all three working beams of the machine;
- high precision manufacturing;

Easy of operation

- four calibration scale,
- the angle of the bend is visible to the operator from any position;
- long railing on a rotating beam;
- possibility of disassembling the machine into its constituent parts and move it manually; removable punch clamping beam;

Easy bending

- precision hinges and bronze sleeve bearings;
- grease all the rotated parts;

Specification (technical data)

METAL BENDING MACHINE B1.0/1300	
Working length	1300 mm
Maximum metal thickness of steel 3	1.0 mm
Bending radius	3t (t- thickness of material)
jaws clamping beam	90 mm
The maximum bending angle	135 degrees
Precision of bending	1 t
A method of fixing clamping beam	eccentric
Minimum unbent edge	10 mm but not less 15t

Sheet bending machine Aksioma B0.8/2600

Bending machine "Aksioma" series "B" with a length of 2600 mm working area is designed to work with metal thickness up to 0.8 mm, and is one of the most reliable machines in its class. Ideal for simple works in a building areas or maintenance zone with metal sheet thickness from 0.3 to 0.8 mm.

The reliability of the machine provides by

- the massive construction made of alloyed steel, the weight of bending machine (light series) B0.8/2600 is 300 kg;
- symmetrically loaded main elements - the axis of rotation of the clamping and rotary beam;
- the presence of bronze bushings sliding, preventing wear of the main components;
- compensators deflection on all three working beams of the machine;
- high precision manufacturing;

Easy of operation

- four calibration scale,
- the angle of the bend is visible to the operator from any position;
- long railing on a rotating beam;
- possibility of disassembling the machine into its constituent parts and move it manually; removable punch clamping beam;

Easy bending

- precision hinges and bronze sleeve bearings;
- grease all the rotated parts;

Specification (technical data)

METAL BENDING MACHINE B0.8/2600	
Working length	2600 mm
Maximum metal thickness of steel 3	0.8 mm
Bending radius	3t (t- thickness of material)
jaws clamping beam	90 mm
The maximum bending angle	135 degrees
Precision of bending	1 t
A method of fixing clamping beam	eccentric
Minimum unbent edge	10 mm but not less 15t

Delivery

In Russia, there are 1093 cities, in Kazakhstan -86 cities, Belarus has 113 cities, in Armenia 48 cities and to all of cities we deliver for metal bending machines.

Delivery cost is determined by the rates of transporting companies. Delivery to the receiving point of the transport companies in city Cheboksary, we will carry out free of charge.

To find out the cost and time of delivery to your city, send a request to e-mail mail@stankiaksioma.ru or contact us at the contact numbers. For your convenience, on weekdays from 9 am to 18 pm Moscow time free on line 8 (800) 500-26-81. To calculate alternative delivery methods, use the below data on weights and dimensions of machine, given the rigid packaging factory. Please note that during transport the machine should never be placed on the side or upside down position.

- Bending machine A2.5 / 1300 Weight 610 kg, Dimensions mm 1700x900x1200
- Bending machine A2.2 / 2100 Weight 890 kg, Dimensions mm 2500x900x1200
- Bending machine A2.0 / 2600 Weight 1030 kg, Dimensions mm 3000x900x1200
- Bending Machine V1.0 / 1300 Weight 205 kg, Dimensions mm 1500x500x400
- Bending Machine V0.8 / 2600 Weight 350 kg, Dimensions mm 3000x500x400
- Scissors sheet and round profile N5x300, Weight 21 kg, dimensions 400x400x400

Representation

Moscow

Nizhny Susalny per., 5 str.12

Cheboksary

Skladskoi per., 6

Ulyanovsk

9-engineerny proezd, 26

Yadrin

Machine-building Plant, republic Chuvashy (the plant is founded in 1971 year). Now is the supplier for enterprises of the military-industrial complex