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1. A brief description of Modular 2000, Modular 3000 and Modular 2000+2000 machines

A workshop bending machine from the company of ZANZI s.r.o. Haniska, model Modular 2000/1,0 copper and Modular 2000/0,8 steel, Modular 3000/0,8 , Modular 2000+2000/0,8

- Solidly welded, put together all-steel construction,
- Mobile via 4 height adjustable steering wheels with a break (only special accessories),
- Maintenance free thanks to the use of sliding storage cases,
- Easy and fast setting of pressure of the upper beam,
- Balancing of weight of the upper beams using the gas pressure spring,
- Easy transport by means of a truck trailer etc.,
- A trouble-free mounting on a stand in the workshop is possible,
- An easy connection of multiple machines to each other for production of long plates (2,0 m, 4,0 m, 6,0 m ...)!

1.1 Machine alignment

- Put the machine straight, the upper beam is located with the correct position of the machine, observed from above, 1mm back parallel to the lower beam (a possible necessary adjustment is performed by turning the wheels – the wheels must not be braked – only as a special accessory).
- The required pressure is reached by loosening the 6-sided screws pic 6, up or down, by moving the backdrop of the upper beam. Up .__. pressure will increase

Down ._. pressure will decrease



- Open or alternatively close the upper beam using the handle pos. 3, the handle is only put on and can be disassembled at any time
- The thread in the bending beams, pos. 5 is planned for the connection of linear guidance for the scissors

1.2 The connection of another machine

- Put the machines next to each other, pic 1
- Place the bending beam at the joint point to the same height pic 1
- Lightly screw on the adjacent board with the 6-sided screws (don't tighten firmly), pic 1, pic 4 or pic 5
- Fit the drawbar and set the approximate coaxiality using the right, left nut, pic 3 and 4
- Set the precise height coaxiality using the pic 3 and firmly tighten the adjacent board
- Precisely set the longitudinal coaxiality using the drawbar and secure it with the lock nuts pic 5
- Brake all the wheels (with special accessories)

Note:

- The bending beam of the connected machines should be in one axis pic 5, pic 6
- The connected and firmly tightened machines shouldn't be moved in this state, because the irregularities of the floor could cause damage to the connecting elements

It is necessary to shield the machines against the impacts of humidity of any type!





Pic 2 Setting up flatness by using screws or use flat floor

















- It is necessary to brake all of the machine's wheels (only with the special accessories), respectively secure with the anchor screws against overturning !
- It is necessary to secure the holder of the upper beam separately !
- It is necessary to remove the drawbar pic 4 !
- The bending beam has to be secured against falling out !
- It is possible to grip the machine by the fully opened upper beam using a forklift or a crane.

1.4 Technical specifications

Power: 1,0 mm copper

0,8 mm steel

Base unloading: 670 mm (distance from the back stop to the axis of the bending beam)

Weight: 180 kg

Dimensions: LxBxH 2000 x 880 x 1110 mm

3000 x 880 x 1110 mm



1.5 Accessories for the Modular 2000, Modular 3000, Modular 2000+2000 machines

- Guide rail including scissors (for the base model)
- Guide rail (for the superstructure module)
- Cover foils as a protection against weather impact LxBxH 2000x880x1110 mm
- Mounting bracket for mounting on a workshop stand (4 pcs.)
- Plate storage system with a millimeter scale pic 8
- Mobile wheels





Pic 9 setting ups scissor

