CNC Coordinate tables

The BAZUS automatic series has been developed for automated industrial process applications. The system is designed mechanically and electrically according to the degree of automation required and the precision and repeatability needed.

MN

MN Automatic XY crosstables for heavy loads

Coordinate table for heavy loads with two automatic XY axes for professional use

Designed for automatic work with heavy loads, the MN series are optimal coordinate tables for all types of automatic movement in an industrial environment: drilling, milling, grinding, welding, transfer systems, industrial engraving, automatic positioning of laser and optical systems, movement of autonomous tool holders and / or heads, as well as in any other mechanical application where automatic control of the XY position is necessary.

Its solid and robust design allows a large number of jobs to be carried out while maintaining complete adjustment and positioning accuracy and high repeatability in any type of linear positioning. A coordinate table that excels in the industry for its excellence.

All the elements of the MN series automatic coordinate tables are made of cast iron (high-quality stabilized gray GG25 cast iron), which gives it extraordinary mechanical rigidity.

Technical details:

- High precision, versatility and long life of components and accessories.
- It stands out for its versatility in many different uses or situations.
- Linear movement, with low resistance to friction.
- Movement by means of dovetail guides with turcite to obtain a very low coefficient of friction (all surfaces grinding finishment) and great mechanical rigidity against vibration. In addition to the aforementioned option, you can choose to move on recirculating ball guides to obtain high acceleration and high speed.
- Servobrushless motors with encoder.
- Ball recirculation spindles with double preloaded nut.
- Synchronization with external devices (head, cooling pump, etc...)
- Software and interface included.

The MN series automatic table offers 3 models of different sizes, from 340x200 mm at 700x400 mm of useful travelling, in order to be able to adapt to the various requirements and / or different uses and applications: all kinds of machine tools, drills, grinding machines, sharpening machines, milling machines, lathes, linear optical and laser systems, positioning of work heads, adjustment and position regulation of parts in presses, displacement for welding cutting and industrial engraving.

BAZUS commitment:

- The highest quality, robust and durable coordinate tables on the market.
- Tables with the finest linear positioning and without spindle-play.
- Coordinate tables made 100% in Europe.

Customized solutions:

BAZUS, your trusted partner for high-performance positioning systems, provides the right solution for any application, specifically designed or customized to the characteristics and requirements of your activity.

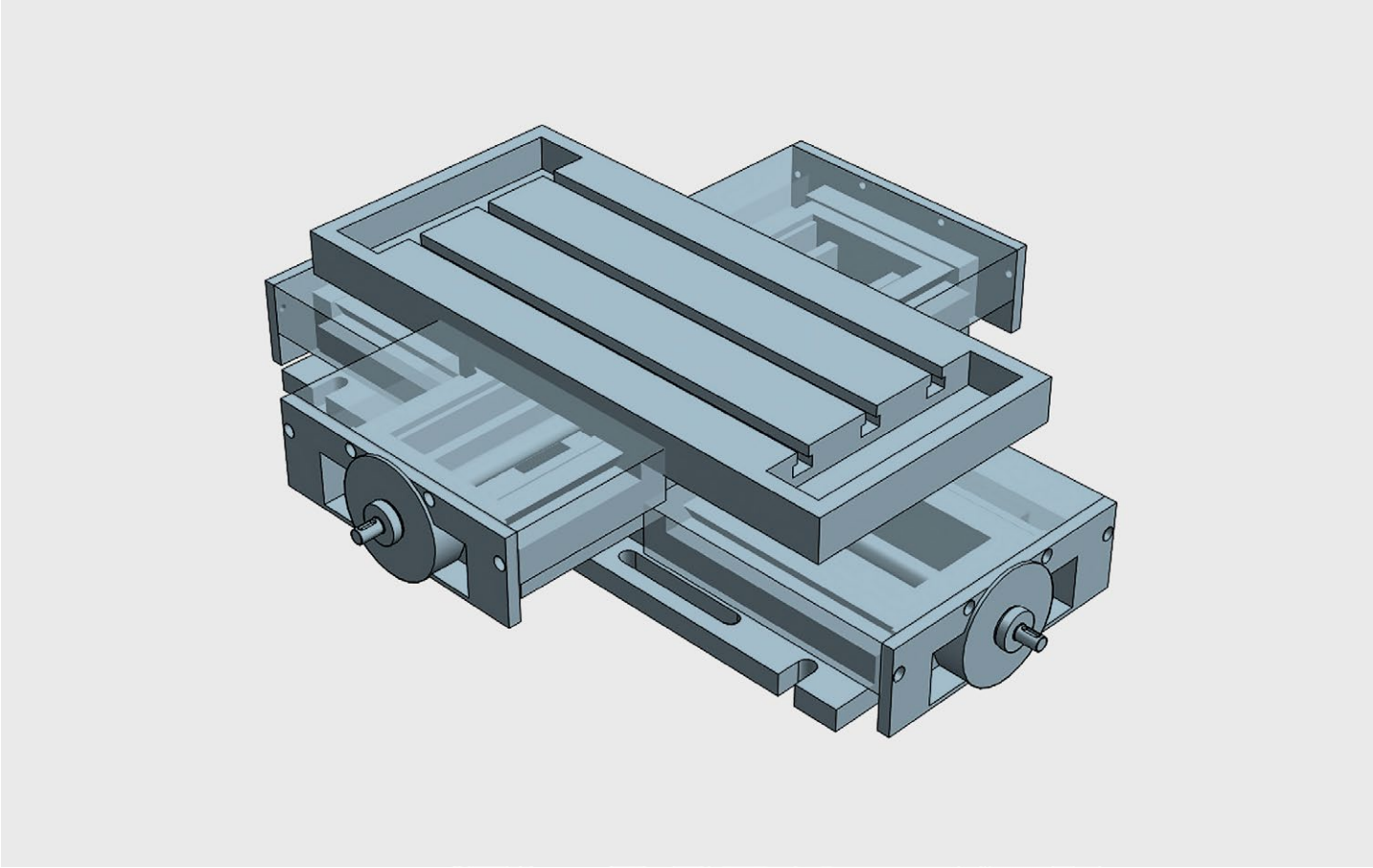
Whatever your coordinate table, thanks to more than 100 years of continuous improvement, you will have a partner who offers solutions to all your positioning and movement requirements with many different applications available worldwide.

The first guarantee, for 5 years:

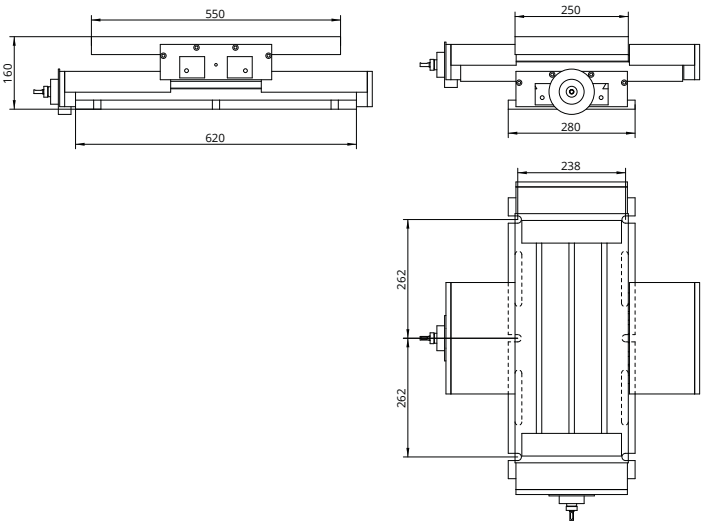
Why settle for a 2 year warranty? At BAZUS we believe that, if the coordinate tables do not expire at this time, neither should the professional attention received. So once again we want to change the rules. 5 year guarantee.

MN-1

MN Automatic XY crosstables for heavy loads



The design and construction enable great movement travel, with the very least overhang and great mechanical rigidity. The tracks are protected with bellows made of special material. These tables are equipped with ball screws, special bearings, adjustment nuts and Turcite guides or ball guides depending on the demand. The MN series is designed for carrying out drilling, milling, boring operations etc., and is extremely versatile in its applications. It has centralised lubrication and motor and CNC to customer specifications



Automatic “Heavy” crosstable travelling 340x200

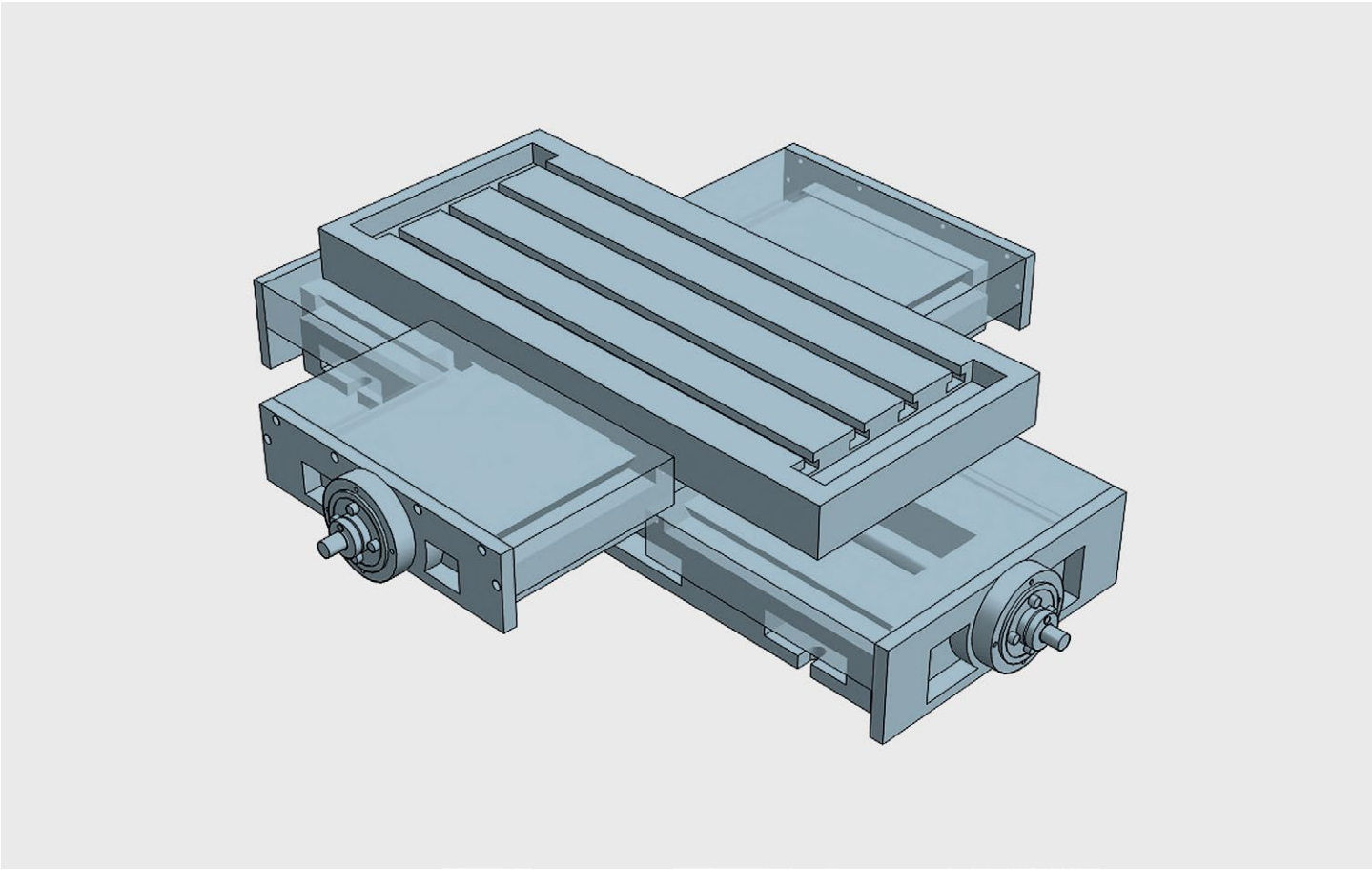
Technical Specifications	
X - Travel [mm]	340
Y - Travel [mm]	200
Tolerance CNC [mm]	+/- 0,01
Max. weight [kg]	300
Max. work pres. [kg]	1000
Weight [kg]	98

Valdeolivos, S/N
E22422 Fonz (Huesca) - Spain
Phone: (+34) 974 412 063
E-mail: info@bazus.com
www.bazus.com

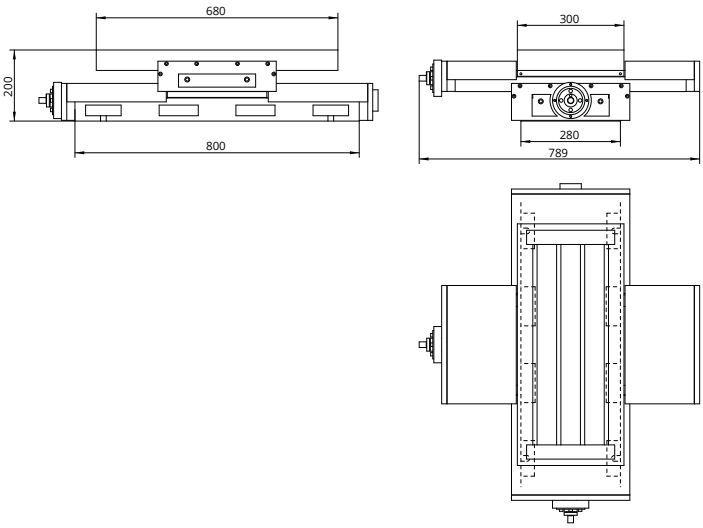
BAZUS

MN-2

MN Automatic XY crosstables for heavy loads



The design and construction enable great movement travel, with the very least overhang and great mechanical rigidity. The tracks are protected with bellows made of special material. These tables are equipped with ball screws, special bearings, adjustment nuts and Turcite guides or ball guides depending on the demand. The MN series is designed for carrying out drilling, milling, boring operations etc., and is extremely versatile in its applications. It has centralised lubrication and motor and CNC to customer specifications



Automatic “Heavy” crosstable travelling 410x300

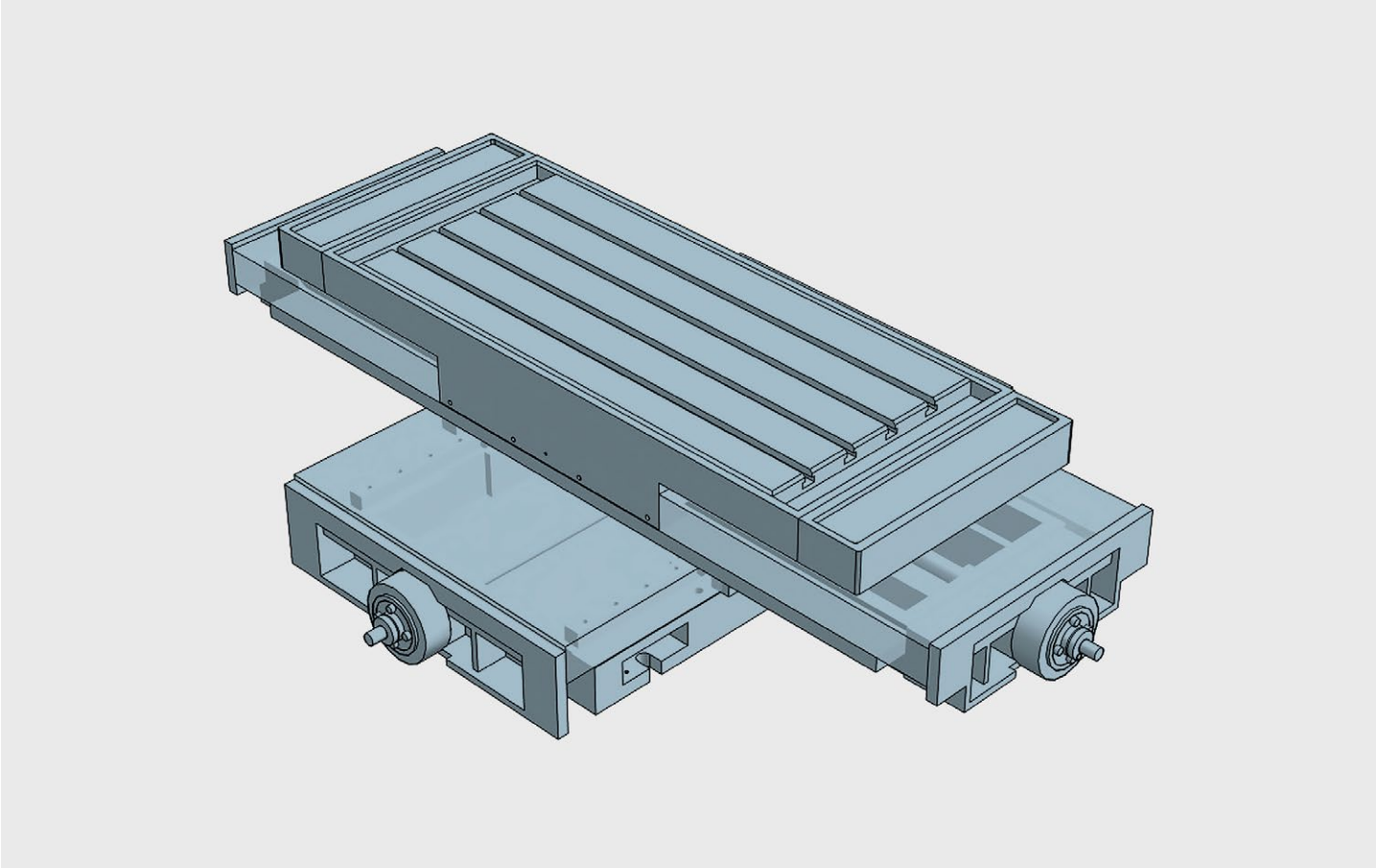
Technical Specifications	
X - Travel [mm]	410
Y - Travel [mm]	300
Tolerance CNC [mm]	+/- 0,01
Max. weight [kg]	500
Max. work pres. [kg]	1500
Weight [kg]	197

Valdeolivos, S/N
E22422 Fonz (Huesca) - Spain
Phone: (+34) 974 412 063
E-mail: info@bazus.com
www.bazus.com

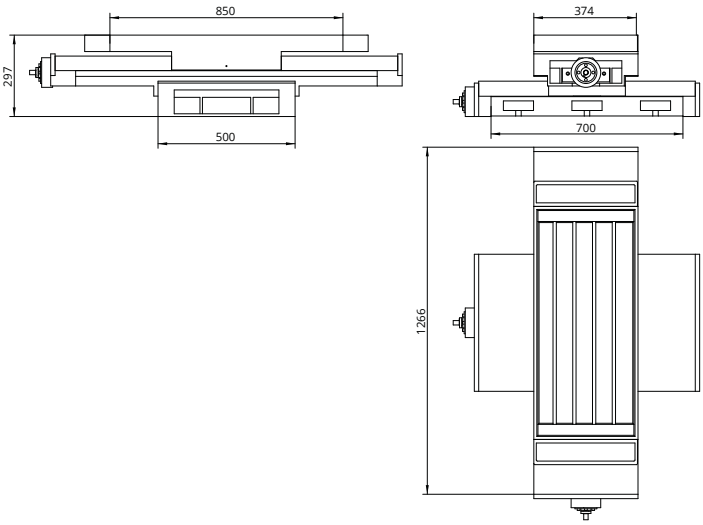
BAZUS

MN-4

MN Automatic XY crosstables for heavy loads



The design and construction enable great movement travel, with the very least overhang and great mechanical rigidity. The tracks are protected with bellows made of special material. These tables are equipped with ball screws, special bearings, adjustment nuts and Turcite guides or ball guides depending on the demand. The MN series is designed for carrying out drilling, milling, boring operations etc., and is extremely versatile in its applications. It has centralised lubrication and motor and CNC to customer specifications



Automatic “Heavy” crosstable travelling 700x400

Technical Specifications	
X - Travel [mm]	700
Y - Travel [mm]	400
Tolerance CNC [mm]	+/- 0,01
Max. weight [kg]	900
Max. work pres. [kg]	1750
Weight [kg]	357

Valdeolivos, S/N
E22422 Fonz (Huesca) - Spain
Phone: (+34) 974 412 063
E-mail: info@bazus.com
www.bazus.com

BAZUS