



Art. 2142
Automatic boring machine - Mod. "N 120 AZK"

Dimensions and technical data of boring machine

	Extra Standard	Extra Fast	
Max. standard boring width the horizontal groups	3100	3100	mm.
Max. standard boring width within the horiz. groups	200	320	mm.
Max. borings width within standard vertical groups	160	160	mm.
Min. boring width within standard vertical groups	150	150	mm.
By request Min. boring within standard groups	150	150	mm.
Max. number of cycles per minute	20	30	
Centre dist. between spindles on 20 spindles units	32	32	mm.
Centre dist. between spindles on 9 spindles units	32	32	mm.
Spindles revolutions per minute on 20 spindles	2800	2800	
Spindles revolutions per minute on 9 spindles	4000	4000	
Motor power for each unit	2,5	2,5	HP
Max. motor power possible for each unit	4	4	HP
Conveyor motor power	0,5	0,75/1	HP
Working air pressure	6	6	Atm
Air consumption for each head together with press for cycle	7,3	7,3	litres
Air consumption for the various automatic devices for cycle	9	9	litres
Conveyor belt speed	43	43/70	mpm
In-feed conveyor belt speed	43	43	mpm
Weight of machine with 6 boring groups	3900	4400	Kg.
Overall dimensions	4955	4955	mm.
Length x width x height 1750 mm.	3210	3410	mm.
Sea packing dimensions	5500	5500	mm.
Length x width x height 2250 mm.	2000	2000	mm.
Packing width without conveyor	1690	1690	mm.
Working height from the ground	950	950	mm.
Working height from the ground for machines placed on externa rails	1030	1030	mm.
Working height from the ground for machines placed on housed rails.	970	970	mm.

SPECIFICATIONS:

The MORBIDELLI AUTOMATIC BORING MACHINES have been planned to allow the max versatility possible.

In fact on the same frame it is possible to set up various types of boring groups in order to allow the machine to bore the most varied patterns, moreover MORBIDELLI'S MACHINES are equipped with a large range of devices, for cutting down setting up times, for the exactness of the positioning of the groups and for the guarantee of the accurate repetition of the cycle. The easy accessibility to the control points, the simplicity of the operations for the predisposition of the working programme, make MORBIDELLI'S MACHINES highly competitive.

The assurance of continuous perfect working is given by the accuracy of the construction and from 10 years experience in the Boring Machines field, placing MORBIDELLI'S MACHINES in a leading position in the world.

Our boring machines can be made in two different versions:

- 1) Standard version - 20 cycles per minute.
- 2) Fast version - 30 cycles per minute.

