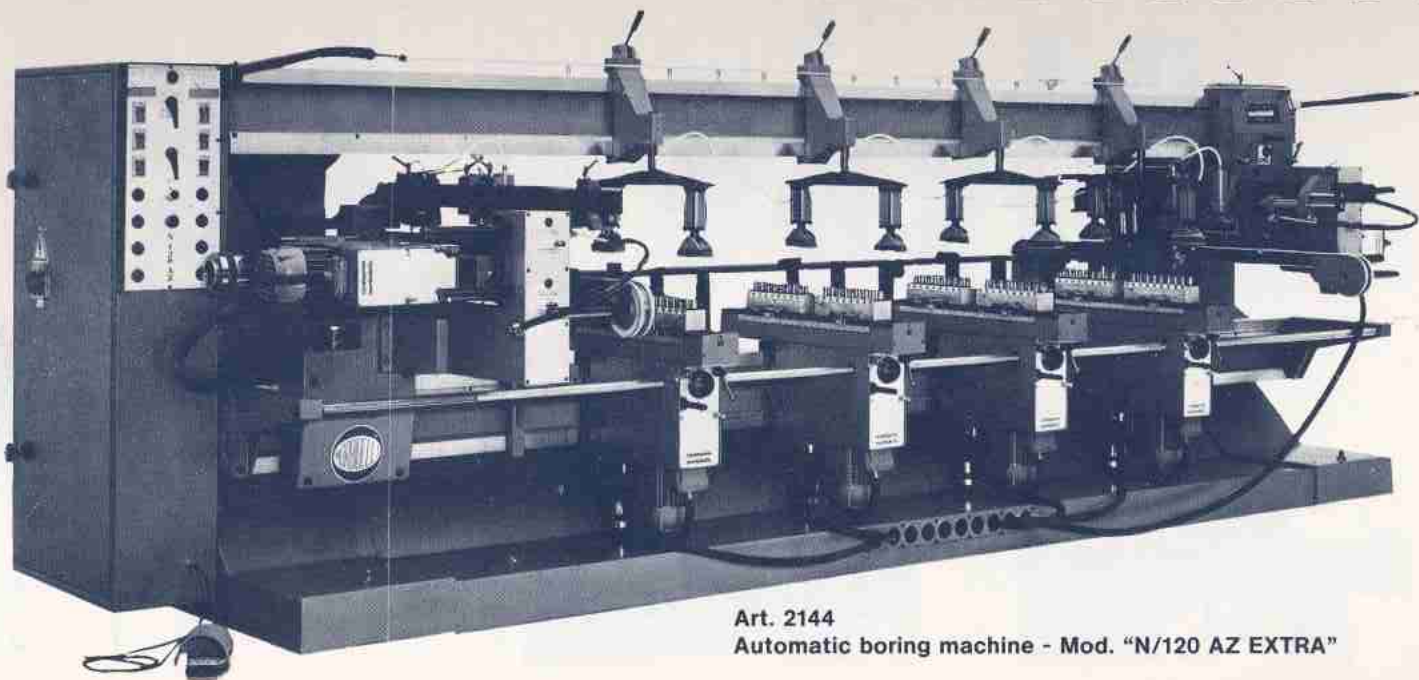
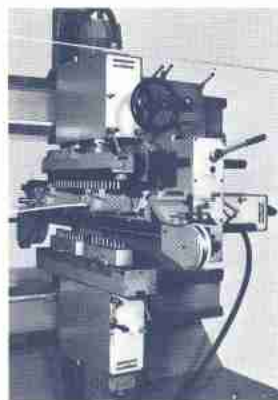
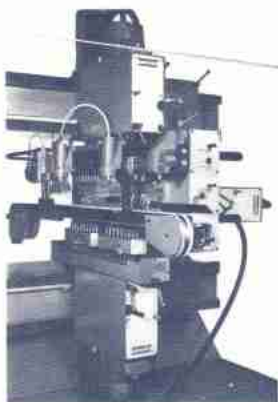


Art. 2143  
Automatic boring machine with vertical upper and lower  
horizontal heads - Mod. "N/120 AZ EXTRA"



Art. 2144  
Automatic boring machine - Mod. "N/120 AZ EXTRA"



Crossing of the upper group over side devices



Art. 2145  
Fast motorized infeed conveyor



### Dimensions and technical data of boring machine "120 AZ EXTRA"

	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. boring 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 unit	32	32	mm.
Centre dist. between spindles on 9 spindles unit	32	32	mm.
Spindles revol. per minute on 20 spindles unit	2800	2800	
Spindles revol. per minute on 9 spindles unit	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	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.

### SPECIFICATIONS:

Our boring machine type N/120-AZ EXTRA represents the most modern and advanced machine of our N. 120 Serial.

Various innovations and new expedients differentiate this machine from normal models:

Particularly we have improved the outside look and functionality of the machine adding various devices which are cutting down setting-up times.

The composition of the machine can be made using 3 types of standard upper or/and lower boring groups, that is, 20 spindles groups, 20 spindles groups with forward displacement from 0 to 32 mm, and groups with 2 small heads type K with 9 spindles swivelling 90°.

By request, the machine can be equipped with optical reading, stop device for vertical groups, automatic locking of groups, motorised displacement of groups and hydraulic breaks for controlling the speed of the boring head. Furthermore on the 20 spindles groups it is possible to fit a great variety of cross standard aggregates or by request "special". - This boring machine can be also supplied with standard speed (20 cycles p.m.) or fast version (30 cycles p.m.).

At the rear side of the machine it is possible to fit groups for rear horizontal boring utilizing a third beam.

