

Travelling Column Grinding Machines available with 3 levels of automation: Diastep, NC & CNC models

Specifications

	Mini 7
Maximum Grindable Surface	800 x 550mm
Table Surface	700 x 400mm
Maximum Longitudinal Travel	900mm
Minimum Programmable Vertical Feed	0.001mm
Rapid Vertical Speed	1.5m/min
Maximum Weight on the Table	800kg
	Mini 12
Maximum Grindable Surface	1300 x 650mm
Table Surface	1200 x 500mm
Maximum Longitudinal Travel	1400mm
Minimum Programmable Vertical Feed	0.001mm
Rapid Vertical Speed	1.5m/min
Maximum Weight on the Table	1200kg
	Mini 15
Maximum Grindable Surface	1600 x 650mm
Table Surface	1500 x 500mm
Maximum Longitudinal Travel	1700mm
Minimum Programmable Vertical Feed	0.001mm
Rapid Vertical Speed	1.5m/min
Maximum Weight on the Table	1500kg

Automation Levels - Delta MINI Series

The **DIASTEPI** unit controls all machine functions, allows to visualise the axes and to program an automatic grinding cycle by means of a guided menu, making easy the task of the operator who, thanks to the flexibility of the control, can change the inserted parameters without stopping the grinding cycle.

The NC plus allows to store more pieces, the linear and interpolated wheel dressing on the table to use wheels with parametric profiles, multiplane cycles and side cycles with the Y axis. This control has been designed to make easy also the most complex grinding operations. The control unit has a colour LCD screen with customised membrane keypad: every key is easily associated with a machine function. The screen pages are clear and easy to read and give all the necessary information. The new control has been studied to give the following advantages: easy to operate; allows to prevent and avoid the operator's errors. Information is displayed in a clear and unmistakable way on the display.

Finally, the CNC, based on the SIEMENS SINUMERIK 840Di combined with SIEMENS SIMODRIVE digital drives. Thanks to the more than decennial experience in the field of plane surface grinding we realised a man-machine interface simple and intuitive but powerful and complete in the same time.