

SPECIMEN GRINDING MACHINE

Standard: EN 12390 - 2 , ASTM D 4543

Specimen Flat Polishing

For flat polishing both ends of the specimen after cutting to make samples with high accuracy. The machine is equipped with Ø 200 diamond grinding wheels on two power heads. The specimen is mounted on a workbench and reciprocated automatically during grinding. The grinding head can advance automatically or manually for grinding. The auto forward speed is adjustable. The parts touching water are made of high quality stainless steel, against rust and corrosion.

Technical Specifications :

Model Number	NL 4034 X / 001
Workbench motor power	0.75kW
Grinding Head Power	Y80 - 4 1.1KW x 2 tables 2800 r/m
Forms of work	Grinding both ends in parallel at the same time
Mode of work	Automatic or manual grinding
Automatic grinding feed	0.04-0.17mm(Adjustable)
Grinding range	square shape : 40x40x40-150x150mm; cylindrical shape : Ø 50-Ø 150
Surface smoothness	According to smoothness standard in mechanical machining : Ra3.2
Flatness in standard precision	± 0.05mm in 50, Verticality ≤ 0.11mm
Grinding wheel specifications	Ø200 x Φ 19 x 40mm
Cooling device	Tap water cooling. if liquid nitrogen cooling is required, it shall be specified in the order.
Product Dimension / Weight	1390(L) x 1300(W) x 1290(H) mm / 300kg
Packing Dimension / Weight	1525(L) x 1360(W) x 1430(H) mm / 387kg
Power	415V , 3PH , 50/60 Hz, 1.5KW

