

## AUTOMATED ASPHALT CUTTING MACHINE

### Mixing Of Elements

Automated Asphalt Cutting Machine is a fully enclosed automatic specimen cutting machine for cutting the standard asphalt mixture cylindrical ( $\Phi 100 \sim \Phi 155\text{mm}$ ) or 300 mm x 300 mm plate specimen into asphalt mixture Mechanical testing required for other sizes, with high precision, automated operation, safe and reliable features. It also can be based on user needs to install other clamping accessories, for others type of material such as terrazzo, natural stone, concrete products, ceramics, refractory bricks and other non-metallic materials and pipe. This machine is fully computerized system with touch screen control panel, it also come with automated specimen clamping and sawing system for fast, accurate cutting all kind of specimen.

### Technical Specifications :

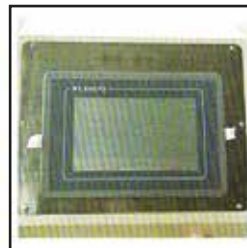
Model Number	NL 2015 X / 001
Spindle Speed	1450 RPM
Cutting Speed	0 - 999 mm/min
Cooling Pump Flow	4 L / min
Maximum Cutting Thickness	150 mm
Maximum Cutting Width	- 300 mm Automatic Fixture - 400 mm no Automatic Fixture Installed
Blade Diameter	500 mm
Operation Pressure	0.6 ~ 0.8 Mpa/20 litres (Built In)
Pneumatic Clamping Force :	
*Round Specimen	150 - 180 kg
*Slab Specimen	300 - 360 kg
Cutting Accuracy	$\pm 0.3$ mm
Dimension	2300(L) x 1100 (W) x 1400 (H)
Approx. Weight	600 kg
Power	415 V, 3 ph, 50/60 Hz, 3 kW



Precision Distance  
Remove Control Unit



Cutting Wheel



Touch Screen  
Display Unit