

## CONCRETE CYLINDER GRINDING MACHINE

A Concrete Cylinder Grinding Machine is used to smooth and polish concrete cylinders (Ø100mm & Ø150mm) that are commonly prepared for compressive strength testing. These cylinders are typically molded from concrete mixes and are then tested to assess the material's strength. The grinding machine ensures that the surface of the concrete cylinders is flat and smooth, which is essential for accurate and consistent test results.



### Technical Specifications :

Model Number	NL 4034 X / 003N
Specimen Options	3 Nos (Ø100mm) or 2 Nos (Ø150mm)
Disc Rotation	1800 r.p.m
Feed Control (Polishing)	0.2 mm/min to 2.5 mm/min (approx.)
Timer (Polishing)	Electric Timer
Water Supply	Automatic Water Flow
Polishing Disc	Ø8" Diamond Polishing Disc
Product Dimension	600 (L) x 850 (W) x 1350 (H) mm
Approx. Weight	290kg
Power	220~240 V, 0.75 kW, 1 Ph, 50/60 Hz, 1.8 A

\*1 Copy of Manual Instruction

### Unit Consists Of :

Model Number	Parts Description	Qty
NL 4034 X / 003 – P 001	4" or 100mm Dia. Specimen Holder Base	1 pc
NL 4034 X / 003 – P 002	4" or 100mm Dia. Specimen Cover Plate	1 pc
NL 4034 X / 003 – P 003	6" or 150mm Dia. Specimen Cover Plate	1 pc
NL 4034 X / 003 – P 004	Tubing Set (Drain Tube x 2.5m), (Cooling Water Supplied Tube x 3m)	1 set

### Optional Accessories :

Model Number	Parts Description
NL 4034 X / 003 – A 001	Ø8" Diamond Polishing Disc
NL 4034 X / 003 – A 002	3 Sample Ø 50mm Dia. Clamping Jig