

Automatic Concrete Cylinder End Grinder



Construction Materials
Testing Equipment

This automatic machine is used for fast and secure grinding of 3 concrete sample 4"*8" and 2 concrete sample 6"*12" samples to reach a smooth and radial parallel faces for ensuring the compression test accuracy.

The machine is designed to reach high precision in surface flatness and radially parallel end faces to comply with ASTM standards.

The advanced specimen feeding speed and grinding time functionality optimize operation time and save time and manpower. The machine is mounted on integral wheels for higher mobility.

Standard:

ASTM C192
C31, C39, C617

Model: 2613011
2613012

1. Diamond grinding wheel is included.
2. Grinding disks typically finish 3000-5000 specimens before a replacement is required.
3. The specimen presser polyurethane plate moves upward and downward easily with the one-touch clamp.
4. Easy access to stainless steel water tank with inlet and outlet.
5. Preset digital timer 0-100min.
6. With safety S.Steel safety guard .
7. Easy to install the adaptors on the table and requires no assembly.
8. Safe access to components allow for easy maintenance.
9. Planeness accuracy : +/- 0.05mm.
10. Splash S.Steel guard reduces user exposure to water and dust.
11. Wheel mechanism: Electrically controlled swing arc movement
12. Wheel speed: 1800 rpm
13. Moving table will be return to initial position after finishing of end grinding.
14. Baked powder painting.
15. Dimension: W*D*H (680*670*1500mm)
16. Weight: 265 kg
17. Power supply: Model: 2613011, 110V, 60Hz., single phase, 1800W.
Model: 2613012, 220V, 60Hz., single phase, 1800W

