

Specimen grinding machine

Brand:  Made in Taiwan



Used to grind and polish concrete specimens.

Proposed in two versions:

- **YS/5104** Single Concrete specimen grinding machine
- **YS/5108** Dual-Three Concrete specimens grinding machine

◆ General Description:

YS/5104 Single Concrete specimen grinding machine

Grinding cylinder capacity: one of $\phi 100 \times 200$ mm
or one of $\phi 120 \times 240$ mm
or one of $\phi 150 \times 300$ mm

Grinding wheel diameter: 175 mm

YS/5108 Dual-Three Concrete specimens grinding machine

Grinding cylinder capacity: one to two of $\phi 120 \times 240$ mm
or one to two of $\phi 150 \times 300$ mm
or three of $\phi 100 \times 200$ mm

Grinding wheel diameter: 200 mm

YS/5104



YS/5108



▲YS/5104

◆ Specifications:

1. Automatic feed in horizontal direction.
Stepless feeding speed regulation: 0 ~ 2 mm/min
Or change to hand operated feed
2. Grinding time depends on the feeding speed
Average grind finish time: 10 ~ 60 sec
3. Grinding wheel speed: 1800~2000 rpm/ 60Hz
4. Grinding type: Wet-type (Water-cooled, Automatic feed water)
5. Grinding wheel vertical spin with arc action
6. Grinding flatness: ± 0.05 mm/ $\phi 152$ mm
7. Move the grinding machine with four wheels
8. Stainless steel cover and coolant tank and
Acrylic protection plate at grinding position
9. Automatic stop timer: 0 ~ 6 min
10. Safety device: Emergency stop button, Overload protection
11. Hand operated lubrication oil pump used to lubricate the track
12. Power: AC 220 V, 60 Hz, 3ph, 750 W
13. Complete with clamping elements for cylinder $\phi 100 \sim \phi 150$ mm

◆ Optional Accessories:

1. **YS/5104-1** (for both models) Clamping device for one of 50 mm cube
2. **YS/5108-1** (only for YS/5108) Clamping device for one to three of
 $\phi 50 \times 100$ mm ~ $\phi 75 \times 150$ mm core



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