



HUMBOLDT

H-2956A Automatic Cylinder End Grinder

The H-2956A automatic cylinder end grinder quickly grinds specimen ends plane and parallel prior to compression tests, eliminating the need for capping compound while saving prep time. A 4" (100mm) diameter cylindrical concrete test specimens typically require less than 60 seconds to finish.

No capping material is required to finish the specimen end. Grinding disks typically finish 3,000 - 5,000 pieces before replacement is necessary. The unit is safe and economical. This unit comes with accessories for grinding 4" (100 mm), 5" (125 mm), and 6" (150 mm) cylinders. Other sizes can be finished using an optional jig, please enquire. Fragile or low strength materials can be finished satisfactorily. The automatic cylinder feeding decreases skills needed for operation while further increasing safety. The end grinder is conveniently mounted on lockable castors providing easy mobility, and is relatively small in size, so storage space is kept to a minimum.

- Grinds planeness and parallelism of test cylinder ends
- Planeness Accuracy: 0.002" (0.05mm)
- Grinding Time: 90 to 120 seconds per end
- Ready to use for 6" x 12" (150mm x 300mm), 4" x 8" (100mm x 200mm) test cylinders
- Easy access to water inlet and outlet
- Diamond-grinding wheel included



Conforms to ANSI/ASTM
C39 Standard Test Method
for Compressive Strength of
Cylindrical Concrete Specimens

H-2956A End Grinder

Features:

Save Time:

4" (100mm) diameter cylinders typically require less than 60 seconds to finish.

Save Materials:

No material is required to finish the specimen end. Grinding disks typically finish 3,000 - 5,000 pieces before replacement is necessary.

Simple Operation:

Automatic cylinder feeding decreases operator skill level and continuous supervision and increases safe operation.

Portability and Size:

Machine's relatively small size and the portability provided by its heavy-duty casters provides easy use and storage.

Includes:

Accessories for grinding 4" (100 mm), 5" (125 mm), and 6" (150 mm) cylinders (Other sizes can be finished with an optional jig.)

Eliminates Capping:

Specimen ends are finished and require no capping procedures. Trowel finishing work ensures flatness as fine as 0.002" (0.05 mm)

Sample Sizes:	6" x 12" (152 x 305mm), 4" x 8" (102 x 203mm), 3" x 6" (75 x 150mm) cylinders
Cut Precision:	Plane and Parallel to within 0.002" (.05 mm)
Cutting Feed:	Manual—right hand operation
Cutting Head:	Diamond wheel
Cutting Speed:	60 to 120 seconds per end
Dimensions:	53" x 33.5" x 24" (1350 x 850 x 600mm)
Weight:	400 lbs. (180kg)

