

SCIENCE

Processing time:
90 seconds

Simultaneous machining of both ends with one chucking

Supports improved quality in cylindrical grinding operations



Double-center grinding machine
GHS-600

Simultaneous center hole machining on both ends with one chucking

- No need for centering work, eliminating shaft misalignment
- Reduces overall machining time

No need for steady rest installation with long workpieces

Minimizes repeat clamping errors during mounting and removal

Accuracy Comparison

Runout after cylindrical grinding	Without center hole grinding	With center hole grinding
	0.0032	0.0004

*Not a guaranteed value *Measured using an eccentricity tester

Main Specifications

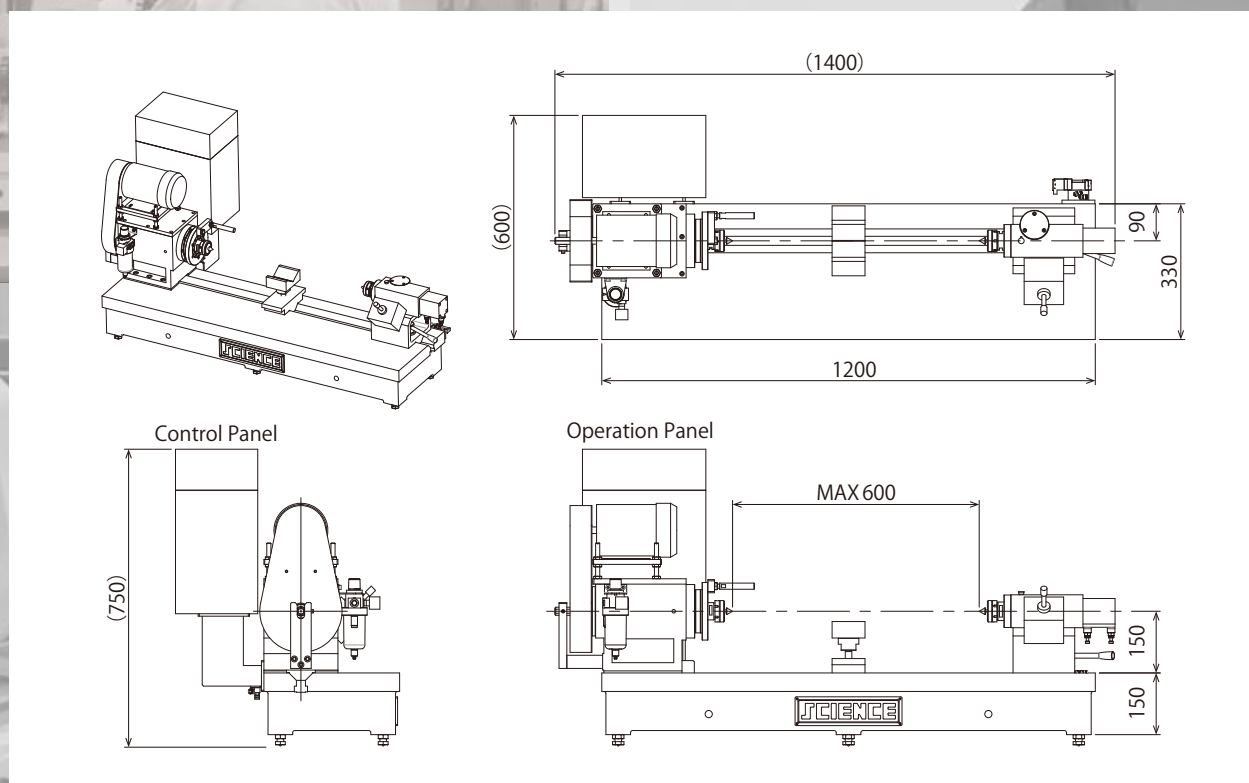
Distance between centers	*MAX 600 (varies depending on grinding wheel shape)
Center height	150
Spindle speed	MAX 300 r.p.m (inverter-controlled variable speed)
Motor (spindle)	0.4 KW 4-pole
Tailstock	Stroke: MAX 50
Air pressure	MAX 0.5Mpa
Weight	300 kg

Standard Accessories

Grinding wheel (#120)	Grinding wheel diameter 16 × shaft diameter 46 (recommended shaft tolerance 0 to -0.01 mm), 60° shape, 2 wheels (included)
Collet	For above grinding wheels (φ6), 2 pieces (included)
Wrench for grinding wheel replacement	Two types (Open-end wrench 35, one collet wrench each)
Lifting bolts	Eyebolts M20, 4 pieces
Leveling bolts	M16P1.5, 6 pieces (included)

*Custom-shaped grinding wheels for specific workpieces available upon request

Layout Diagram



*Specifications and design subject to change without notice

Special sizes, such as distance between centers and center height, are also available upon request