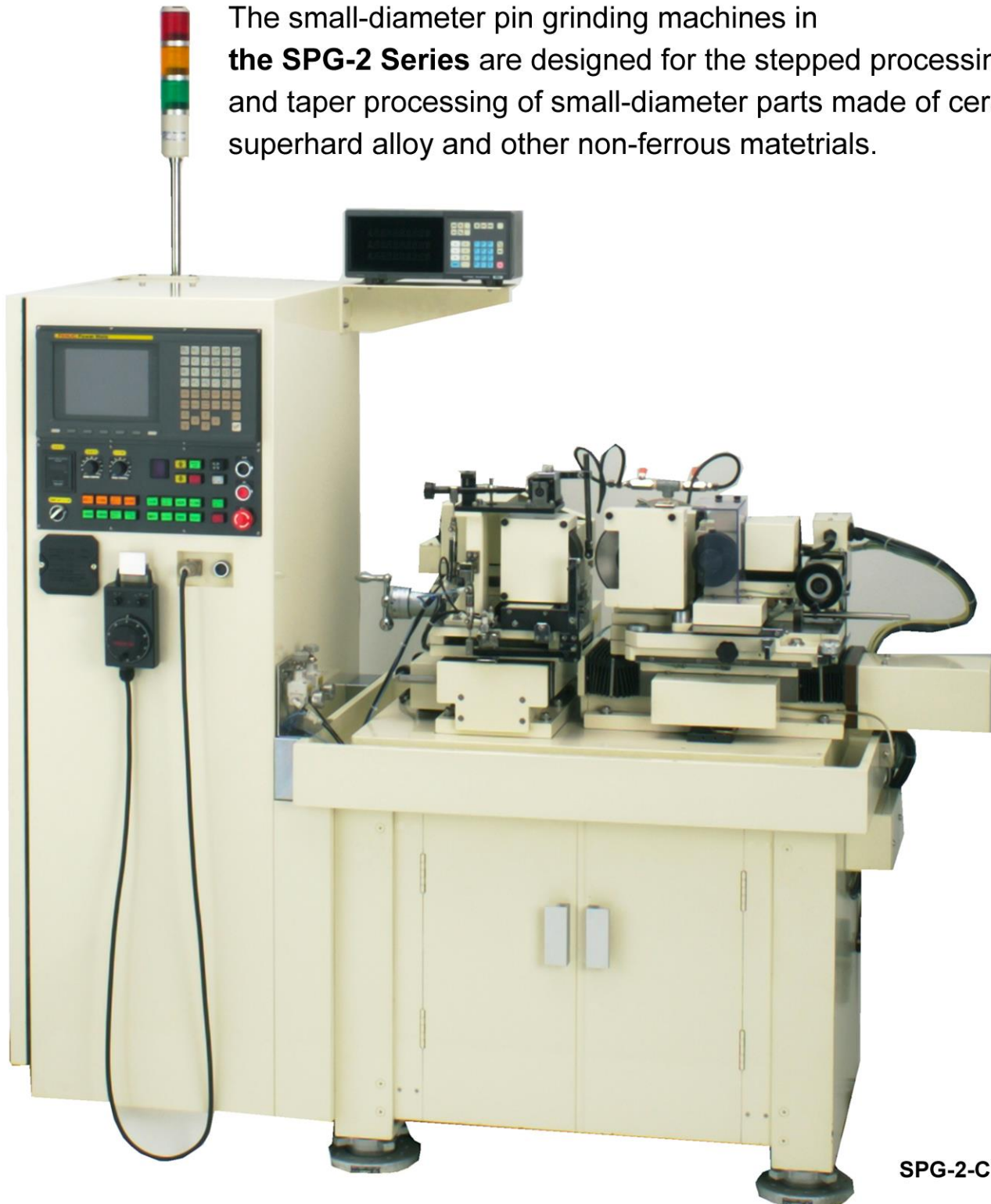


SMALL-DIAMETER PIN GRINDING MACHINE SERIES OF PSG-2, MODEL SPG-2S-CNC

The small-diameter pin grinding machines in the **SPG-2 Series** are designed for the stepped processing and taper processing of small-diameter parts made of ceramic, superhard alloy and other non-ferrous materials.



SPG-2-CNC

SMALL-DIAMETER PIN GRINDING MACHINE MODEL SPG-2S-CNC

- This machine can perform the cylindrical and stepped taper processing of the extremely small punched pins, core pins and micro-drills that are used with printed boards.
- The grinding spindle is designed so that a diamond or CBN grinding wheel can be used.
- Grinding wheel can be trued and dressed on the machine.
- The regulating wheel can be trued on the machine using a special grinding wheel.

SPECIFICATIONS

Machine size	.....	1,800Wx860Dx1,610Hmm
Machine net weight	.....	Approx. 1,000Kg
Grinding wheel spindle motor	.....	0.75Kw, AC200V, 2P, V3
Grinding wheel spindle rotation speed	.....	1,000-4,500 r.p.m.(20-60Hz, Variable speed by inverter)
Grinding wheel size	.....	150ODx31.75ID, maximum width:15mm
Regulating wheel spindle motor	.....	0.04Kw, 4P, 1/12.5by speed control motor with reducer
Regulating wheel spindle rotation speed	.....	20-120 r.p.m. (Variable speed control)
Regulating wheel size	.....	125OD x 66IDmm, maximum width:50mm
Pressure roller	.....	OD, ID,Depth depend on processed work size
Roller welding pressure	.....	Maximum 4Kg(available fine adjustment)
Blade size	.....	Maximum 50Wx59Hx4Dmm
Work stopper part		
Valid strock	.....	12mm
Guide method	.....	Cross roller guide
Grinding wheel head part		
Motor for cutting	.....	AC servomotor, 750W by Fanuc Ltd.
Resolution capability	.....	0.05µm full closed control
Valid strock	.....	50mm
Maximum speed	.....	5,000mm per minute
Guide method	.....	High accuracy roller guide method
Feed screw	.....	Φ32, lead:5mm, ball screw
Swivelling angle	.....	±2°
Regulating wheel head part		
Motor for traverse	.....	AC servomotor, 500W by Fanuc Ltd.
Resolution capability	.....	0.05µm full closed control
Valid strock	.....	75mm
Maximum speed	.....	5,000mm perminute
Guide method	.....	High accuracy roller guide method
Feed screw	.....	Φ20, lead:4mm, ball screw
Grinding wheel truer		
Truer	.....	Model MD-1Grinding wheel 75ODx25Wx12.7ID mm
Cutting handle	.....	0.002mm per one scale
Valid strock	.....	50mm
Traverse speed	.....	0-30mm per second
Truer swivel	.....	0-90 degree
Motor for cutting	.....	5 phase stepped motor
Resolution capability	.....	0.2µm per pulse
CNC device		
SPG-2S-CNC model	.....	Made by Fanuc Ltd.

Specification subject to change without notice.



Head office: Postal code 191-0012
533 Hino, Hino, Tokyo, Japan
TEL: +81 042 582 1508 FAX: +81 042 584 2780
Email: tokyo@imahashi.net

Factory: Postal code 400-0862
3-10-5 Asake, Kofu, Yamanashi, Japan
TEL: +81 055 232 3143 FAX: +81 055 232 3149
Email: kofu@imahashi.net

URL: <http://www.imahashi.net>