

WAIDA

Jig Grinder

SJG-L1



- Higher finishing process accuracy of round holes
- Easy grinding wheel replacement by tool holder
- Operator-friendly (grinding wheel measurement/contact detection function, etc.)

Jig Grinder SJG-L1

Machine standard specification

Work range [Table]	Table working surface size	W:700×D:320mm
	Table movement travel [(left and right) × (front and back)]	W:600×D:300mm
	Maximum allowable load	300kg
Work range [Grinding Spindle]	Maximum distance from table top	330mm
Spindle	Planetary rotation speed	300min ⁻¹
	Spindle cutting travel	10mm
Quill	Vertical movement travel	200mm
	Oscillation stroke	10~100mm
Grinding spindle	High frequency spindle motor	Replaced with tool by HSK
	Number of revolutions	40,000min ⁻¹
Machine specifications	Machine size	W:2,300×D:2,740×H:3,030mm
	Machine weight	9,200kg

NC standard specification

NC system	FANUC Series 31i-Model B Plus
Number of control axes	5 axes(X·Y·Z·C·U)
Number of simultaneously controlled axes	4 axes
Memory editing capacity	256 Kbyte
Number of programs	Up to 500 programs
Interface software	UJG Lab
Display	19-inch color LCD(touch panel)

Special accessory

Tool holder	φ3,4,5,6,8,10
Wheel measuring device	Contact detection system
Dressing device	Up to 20,000 min ⁻¹
Grinding wheel contact detection	Contact detection system
Workpiece measuring device	Replaced with tool holder by HSK
Wet dust collector	Wet tank, mist collector, temperature controller
Upper illumination	
Oil grinding specification	Automatic fire extinguisher, fire damper

Note

- ※This product may be regulated by the Foreign Exchange and Foreign Trade Control Law. Be sure to consult us before exporting the product to a foreign country.
- ※Specifications in this catalog may be changed without notice due to improvement of the product, etc.

WAIDA MFG.CO.,LTD.

Head Office and Factory	2121, Katano-machi, Takayama City, Gifu 506-0824 Japan	TEL +81-577-32-0390	FAX +81-577-37-0020
Gifu Factory	191, Kinzoku Danchi, Kakamigahara City, Gifu 504-0957 Japan	TEL +81-58-382-3218	FAX +81-58-380-0030
Tokyo Branch Office	10F CIRCLES Shinbashi, 2-11-13, Nishi-Shimbashi, Minato-ku, Tokyo 105-0003 Japan	TEL +81-3-6811-3251	FAX +81-3-6811-3253
Chubu Office	191, Kinzoku Danchi, Kakamigahara City, Gifu, 504-0957 Japan	TEL +81-58-382-2911	FAX +81-58-389-4409
Osaka Office	7F, 11-21, Nishi Nakajima 4-Chome, Yodogawa-ku, Osaka 532-0011 Japan	TEL +81-6-6305-6461	FAX +81-6-6307-2338
Shanghai Representative Office	Rm 1015, Zhongchuang Bldg., 819 West Nanjing Road, Shanghai 200041 China	TEL +86-21-6255-6035	FAX +86-21-6215-1389
Hamamatsu Factory	300-1, Toyooka-cho, Kita-ku, Hamamatsu City, Shizuoka 433-8103 Japan	TEL +81-53-523-6711	FAX +81-53-523-6712
U.S.A. North Carolina Office	2520 Whitehall Park Drive, Suite 350, Charlotte, NC 28273, U.S.A.	TEL +1-980-335-0621	
WAIDA FEELER PRECISION MACHINERY CO., LTD.	No.558-1, Shenzhou Rd., Shengang Dist., Taichung City 42942, Taiwan(R.O.C.)	TEL +886-4-25285759	FAX +886-4-25283125
WAIDA Europe GmbH	Theodor-Heuss-Allee 112, 60486 Frankfurt am Main, Germany		