

- Precision grinding of complex profiles, even with limited operator Know-How

524/624 Easy

CNC Surface & Profile Grinders

GENERAL VIEW



FEATURES

- Generously proportioned high quality cast iron bed, column, saddle & table, all designed to provide excellent rigidity
- Table size: model 524 - 500 x 200mm or model 624 - 600 x 200mm
- Operator-friendly self-explanatory Easy software and Touchscreen control
- Menu-driven grinding and dressing cycles
- Precision crossfeed and downfeed ballscrews with Fanuc® drives, plus Heidenhain® Absolute linear nano scales
- Guideways with hand scraped Turcite® coating and central lubrication
- Hydraulic table traverse with quick and easily adjustable proximity switch reversal
- Hardened, ground grinding spindle with encapsulated, permanently lubricated precision bearings
- Programmable wheelspindle speeds

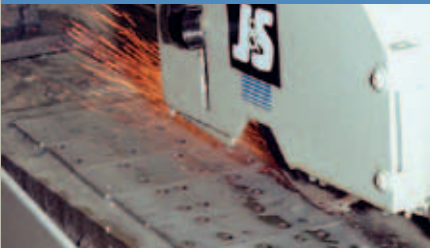


CONTROL



- Self-explanatory Easy software and Touchscreen control
- Manual, Semi or Fully automatic control of grinding and dressing cycles
- Simple to operate
- Easy and rapid set-up for automatic cycles
- 1 to 20 linked grinding cycles
- Compensated dressing in manual and auto modes
- Dress on demand with full compensation
- Straight, facing, slotting or vee form wheel macros
- Easy form dressing of complex profiles
- Plunge, area, face, multi-plunge, multi-slot, multi plunge & area grind cycles
- Zero reference from work holding to speed set-ups

PROCEDURES



SPECIFICATION

Max. grinding length x width	mm	500 x 200 / 600 x 200	Crossfeed		
Max. Y-axis travel	mm	380	Max. Z-axis travel	mm	192
Max. table load	kg	160	Electronic handwheel resolution	mm	0.001/0.01/0.1
Wheelhead			Minimum auto feed resolution	mm	0.0001
Grinding wheel dimensions	mm	254 x 19 (32) x 76.2	Automatic feed rate	mm/min	1–3000
Wheelhead motor power	kW	2.2 (3.75)	Number of spark out strokes		0–99
Max. speed	rpm	2400	Wheelfeed		
Table			Electronic handwheel resolution	mm	0.001/0.01/0.1
Max. traverse hydraulic/hand	mm	500 (610)/600 (710)	Minimum auto feed resolution	mm	0.0001
Traverse rate	m/min	2–25	Automatic feed rate	mm/min	1–3000
Travel per handwheel rotation	mm	60	Space required width/depth app.	mm	w 2060 (2160) - d 1700
Table height	mm	1025	Weight approx.	kg	1500/1600

*Subject to technical amendments

OPTIONS

- Extra axes: table and rotary
- Various workholding solutions
- Variable wheel speeds
- Various coolant systems
- Interlocked guarding option
- Various wheel dressers



Certificate No.
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