

LINEAR

Okamoto

LINEAR B Series

Precision Hand-Feed
Form Grinding Machine
Models LINEAR350B & 450B



Superior design and construction combined with enhanced features make the LINEAR B Series the ultimate in precision hand-feed form grinders.

Smooth Table Movement through reliable belt drive. Beefy, Heavily Ribbed Meehanite cast construction provides superior rigidity and optimum grinding accuracy. Designed for Long-Term Trouble-Free Performance. Recirculating automatic lubrication system assures adequate lubrication to critical components.

No-maintenance "lubed-for-life" cartridge type grinding wheel spindle standard. Conveniently located, extra-large handwheels optimize operator control, convenience & comfort. Available in two popular sizes 350x150 mm and 450x150 mm.

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Linear B Series
Precision Hand-Feed
Form Grinding Machine



GRIND-X
OKAMOTO PRECISION SYSTEMS
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Specifications	Unit	LINEAR 350B	LINEAR 450B
CHUCK			
Standard Chuck Size :	mm	350 x 150	450 x 150
CAPACITY			
Maximum Grinding L x W :	mm	350 x 150	450 x 150
Spindle Center to Table Surface :	mm	75 - 465	75 - 465
TABLE			
Surface L x W :	mm	360 x 150	480 x 150
Maximum Longitudinal Travel :	mm	390	530
SADDLE			
Maximum Cross Travel :	mm	210	210
FEEDS			
TABLE : Movement per Handwheel Revolution :	mm	130	130
SADDLE : Movement per Handwheel Revolution :	mm	3	3
Handwheel Graduation :	mm	0.02	0.02
WHEELHEAD : Movement per Handwheel Revolution :	mm	1	1
Handwheel Graduation :	mm	0.005	0.005
GRINDING WHEEL			
Wheel Size (D x W x B) :	mm	205 x 6 - 25 x 31.75	205 x 6 - 25 x 31.75
Wheel Speed (50 / 60Hz) :	rpm	3000/3600	3000/3600
MOTORS			
Grinding Wheel Spindle :	KW/P	1.5 / 2	1.5 / 2
POWER			
Machine Power Rating :	KVA	3	3
FLOOR SPACE			
Length x Width x Height :	mm	1526 x 1405 x 1727	1942 x 1405 x 1727
WEIGHT			
Net Weight :	Kg	840	940

Standard Accessories

- Automatic Lubrication
- Grinding Wheel with Adapter
- Wheel Puller
- Wheel Guard
- Diamond Tool with Holder
- Necessary Tools and Toolbox
- Leveling Pads and Bolts
- Instruction Manual

Optional Accessories

- Coolant System
- Splash Guard, Nozzle and Piping
- Dust Suction System
- Electro-Magnetic Chuck
- Permanent Magnetic Chuck
- Demagnetizing Control
- Micro-Feeder for Cross Movement
- Micro-Feeder for Vertical Movement
- Digital Readout for Cross Movement
- Digital Readout for Vertical Movement
- Spindle Speed Inverter
- Grinding Wheel Balancing Apparatus
- Spare Grinding Wheel Adapter
- Work Light

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When and before using our products, you are requested to well go through the articles on danger, warning and attention for the sake of safety described in operation manual attached to the machine and also in the warning plates mounted on the machine.
*Specifications subject to change without notice.
*When a product manufactured at our factory comes under the Foreign Exchange And Foreign Trade Control Law and is exported or carried overseas, it is necessary to receive permission or approval of the Japanese Government.