


# BRAKE DISK & DRUM LATHE



 Youtube Video

KBL-9000L



KBL-9000LD



## Features

- ◆ Lathe machine for Disc & Drum
- ◆ Direct driving motor type (first in KOREA)
- ◆ High precision digital micrometer
- ◆ LM(Linear Motion) guide keeps high precision even with long term use
- ◆ Special fabrication of Integral Arbor shafts reduce machine tolerances.
- ◆ The problems of traditional belt system has been eliminated by connecting the bar directly to the motor
- ◆ Built-in Inverter provides easy control of rotation speed
- ◆ Available all over the world with disc diameters of 500 mm and drum diameters of 500 mm
- ◆ Built-in Cover with LED to protect chips from flying
- ◆ Centralized control box for easy operation.
- ◆ Multi-functional drawer makes it easy to store accessories.
- ◆ Slide discharge method allows easy discharge of chips without removing the cap.
- ◆ One-touch switching between automatic and manual operation



#### Chip protection cover

Acover with LED help preventing chips from flying and enables precise work



#### LM guide rail

Liner Motion guide rail keeps high precision even with long term use



#### Integrated casting body

Integrated body is durable and easy to switch from left to right, vice versa



#### Control

Centralized box has all the buttons at optimum place, to enhance productivity



#### RPM display

Easy to check the RPM



#### Button to switch modes

One-touch to switch between auto and manual mode

## Technical Data

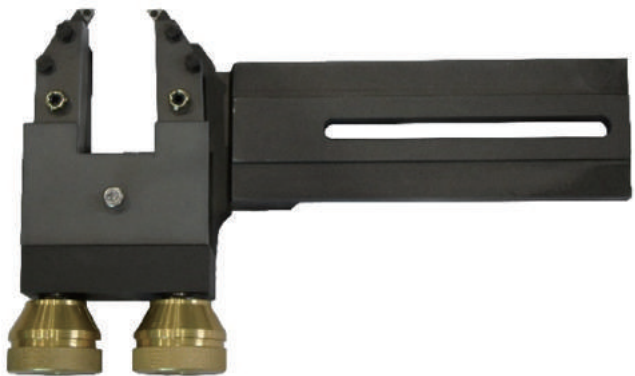
Specifications may vary for performance and quality

Model		KBL-9000L	KBL-9000LD
Work scope	Disk	diameter- 500mm, thickness- 50mm	diameter- 500mm, thickness- 50mm
	Drum	-	diameter- 500mm, depth- 140mm
RPM		0-120 RPM(Continuously variable transmission) High performance inverter	0-120 RPM(Continuously variable transmission) High performance inverter
Main motor		220/380V 50/60Hz 1HP	220/380V 50/60Hz 1HP
Precision		0.05mm(0.001969inch)	0.05mm(0.001969inch)
Input power		100/220V 50/60Hz	100/220V 50/60Hz
Run-out		MAX 0.003mm(0.000079inch)	MAX 0.003mm(0.000079inch)
Adjusting RPM		Built-in inverter, Digital display installed	Built-in inverter, Digital display installed
Drivingsystem		Linear drive	Linear drive
Shaft		All in one	All in one
Left & right shift		Fixed handle	V-shaped rail conveying type
Cone adapter		88mm, 105mm, 128mm, RV-Cone 4EA	88mm, 105mm 128mm, Hub type 4EA, kit for drum type
Grinding methods		fixed type	fixed type
Grinding type		Separable disk	Disk/Separable drum type/Hub type
Lighting & safety cover		LED60EA / Acrylic safety cover	LED60EA / Acrylic safety cover
Compartment		Versatile compartment	Versatile four drawers
Packing size		1060x1060x1490mm	1060x1060x1490mm
Weight(Net/Gross)		240/345kg	240/345kg

Digital dual meter



Dual meter



Technical Data

Specifications may vary for performance and quality

Model	KBL-9000L For Disc	KBL-9000LF For Disc	KBL-9000LD For Disc & Drum	KBL-9000LDF For Disc & Drum
Main motor	220/380V, 50/60HZ X 1HP	220/380V, 50/60HZ X 1HP	220/380V, 50/60HZ X 1HP	220/380V, 50/60HZ X 1HP
Main motor speed	0 – 120 RPM	0 – 120 RPM	0 – 120 RPM	0 – 120 RPM
Lathe Motor	DC 24V, 15W	DC 24V, 15W	DC 24V, 15W	DC 24V, 15W
Lathe motor speed	0 - 20 RPM	0 - 20 RPM	0 - 20 RPM	0 - 20 RPM
Disc size	Dia. 500mm/Thick. 50mm	Dia. 500mm/Thick. 50mm	Dia. 500mm/Thick. 50mm	Dia. 500mm/Thick. 50mm
Drum size	Not available	Not available	Dia. 500mm / Depth 140mm	Dia. 500mm / Depth 140mm
Meter gauge	Dual meter	Digital dual meter	Dual meter	Digital dual meter
Power	AC 220V , 50 / 60Hz /1PH	AC 220V , 50 / 60Hz /1PH	AC 220V , 50 / 60Hz /1PH	AC 220V , 50 / 60Hz /1PH
Material	Metal, etc.	Metal, etc.	Metal, etc.	Metal, etc.
Size	860(W) X 540(L) X 1500(H)mm	860(W) X 540(L) X 1500(H)mm	860(W) X 540(L) X 1500(H)mm	860(W) X 540(L) X 1500(H)mm
Weight	240 kg	240 kg	240 kg	240 kg