

High Speed Jig Grinding Air Turbine Spindle

PLANET

Ultra-high-Speed & Super-Precision



PLANET



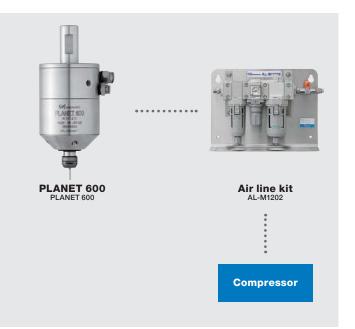
About PLANET

Features



Μ	lilling mach	nine + PL	ANET =	Jig Grin	der	
	• • • • • • • • • • • • •					
	peed is 65,0					

Connection drawing



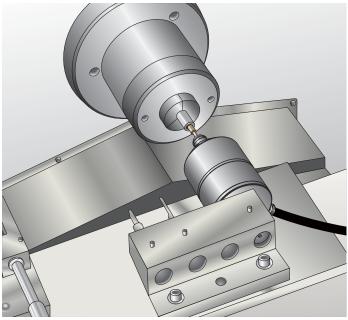
- A milling machine turns into a jig grinder by simply attaching a boring head available on the market and PLANET.
- If PLANET is mounted on a bench lathe, this grinder can be used as a precision internal grinder.
- PLANET can be used as a principal axis of an internal surface grinding device.

You can easily mount PLANET on a machine, so there is no need to buy a expensive high spec machine. If you use PLANET only when you need it, you can avoid idle time of a machine, and use a machine effectively and efficiently.

Rotation speed is 65,000min⁻¹, spindle run out is within 1μ m. Planet realize hign-precision jig grinding and mold machining.

Low price = No need to buy a expensive jig	boring machine
Using your machine effectively and efficiently = Avoiding io	

In case mounted on a lathe



Save Your Cost

Save Your Time

Save Your Machine

Save Your Planet

Save The Planet

You can easily transform your conventional machines into high speed jig grinders with bolt-on setting.

You can also mount on lathe machines for precision internal grinding.

2040

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High Speed Jig Grinding Air Turbine Spindle

PLANET 600



DXF data DXF files are available on our website		Code No. Code No.	7355 7356			00-M2040 00-H3440	Collet is sold separately.	
O.D.		Max₌rpm	Spindle	runout	Proper air pressure		Collet	Air Consumption
PL600-M2040 Ø 20 mm PL600-H3440 Ø 19.05 mm		65,000 min ⁻¹	Withi	hin 1 µm 0.4 MPa		CHK Group (ø0.5~ø6.35mm)		
Standard Accessories Collet nut (K-265): 1nc / Snanner (12x14): 2ncs / Inlet Air Hose (K-254: 06mmx2m) with Filter Joint (E-I-01): 1nc / Silencer: 1nc / Anti-Swivel Bar: 1set								

PLANET

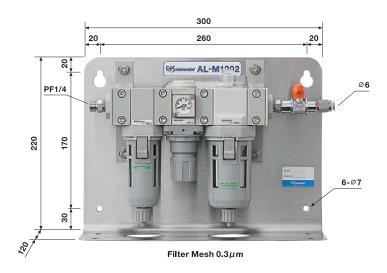


Accessories

AL-M1202 (For ϕ_{6mm})

Code No. 4502 Model AL-M1202

Air line kit



Standard Equipment Accessories Connection Hose (K-260): 2m / Lubricating Oil (K-211): 1pc. / Reducer

Collet	Code No.	Model	I,D		
	91592	CHK-2.35	φ2.35		
	91530	СНК-3.0	<i>\$</i> 3.0		
I.D 21	91593	CHK-3.175	φ3.175		
	91540	CHK-4.0	<i>ϕ</i> 4.0		
	91560	CHK-6.0	φ6.0		
Madal, CUIV 1.0	91596	CHK-6.35	φ6.35		
Model : CHK-1.0、 CHK-3.0、CHK-3.0AA、			φ0.5、φ0.6、φ0.7、φ0.8、φ0.9		
CHK-3.175、CHK-3.175AA、 CHK-4.0、CHK-4.0AA、			φ1.0、φ1.5、φ2.0、φ2.5、φ3.5、φ4.5、φ4.76、φ5.5		
CHK-6.0. CHK-6.0AA, CHK-6.35, CHK-6.35AA	-	СНК-□□	φ1.1、φ1.2、φ1.3、φ1.4、φ1.7、φ1.8、φ1.9 φ2.1、φ2.2、φ2.3、φ2.4、φ2.6、φ2.7、φ2.8、φ2.9 φ3.1、φ3.2、φ3.3、φ3.4、φ3.6、φ3.7、φ3.8、φ3.9 φ4.1、φ4.2、φ4.3、φ4.4、φ4.6、φ4.7、φ4.8、φ4.9 φ5.1、φ5.2、φ5.3、φ5.4、φ5.6、φ5.7、φ5.8、φ5.9 φ1.6、φ5.0		
	91597	CHK-3.0AA			
Model : Except above	91597	СНК-3.175АА	φ3.0AA [*] φ3.175AA [*]		
	91598	CHK-4.0AA	04.0AA%		
	91600	CHK-6.0AA	06.0AA%		
Collet CHK group	91601	CHK-6.35AA	06.35AA*		
	91001	0111-0.33AA	*High precision type AA (Spindle runout within 2μ m		
Collet nut	Code No.	Model	Description		
	2129	K-265	Collet nut for Collet CHK		
Lubricating Oil	Code No.	Model	Description		
	1057	K-211	Lubricating Oil (70cc)		
	1058	K-202	Lubricating Oil (1L)		



www.nakanishi-inc.com



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Specifications and design are subject to change without notice.