

JH

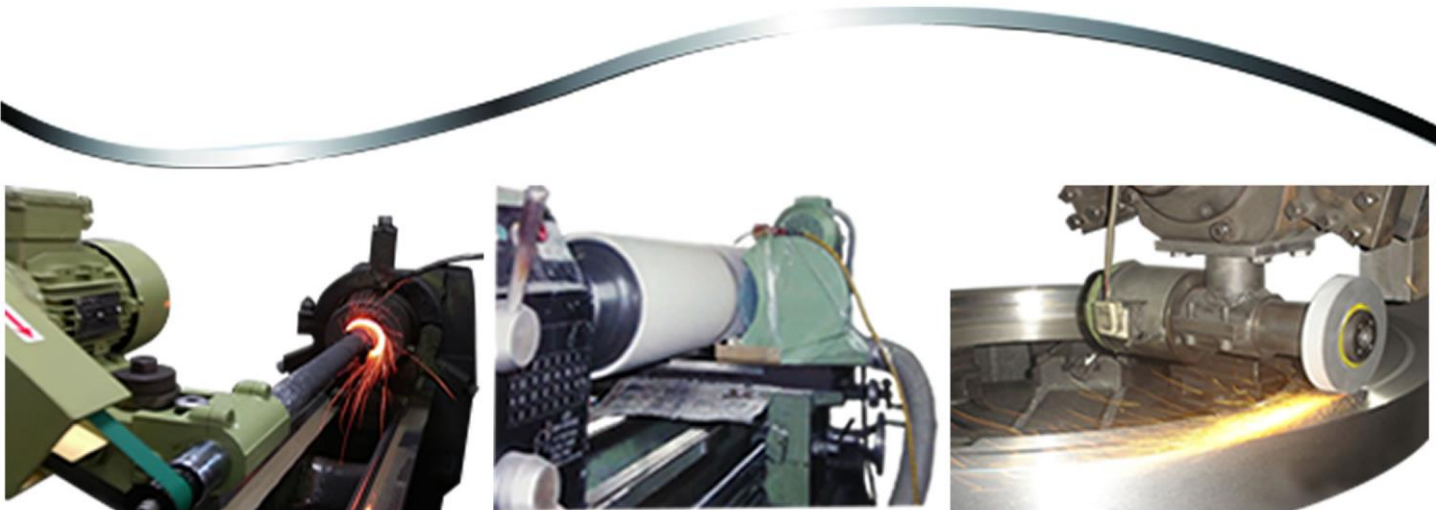
Jhu Heng Enterprise Co., LTD

Precision Grinder for Lathe

Customized Spindle

Motor Direct Shaft

Customized Grinder



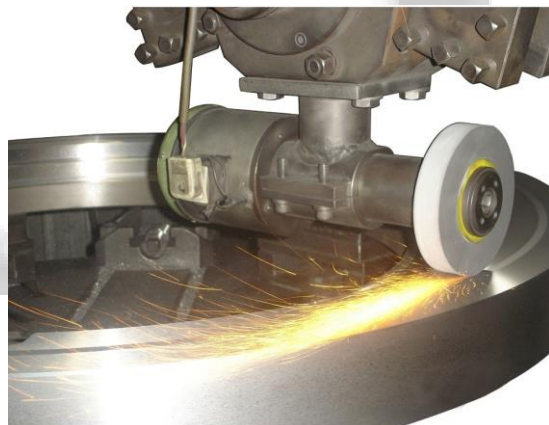


Management Philosophy

Since the establishment of JhuHen Enterprise in 1984, the company has dedicated to the development of precision grinder on lathe for more than 30 years. And deeply favored by customers, its customer base has spread to more than 60 countries. The company has always upheld the business purposes of "provide the best quality, most professional service and the most popular with customers".

Best Quality

The axis and axis tube of the grinder produced by our company have been processed via a series of treatment, such as heat treatment, deformation and hard chromium plating, etc., to ensure its good hardness, strong rigidity, high wear resistance. Moreover, the bearing is the core component of spindle, during operation, in order to ensure the precision and accuracy, stable rotation, and keep the spindle in lowest temperature, we adopt the high precision bearing from well-known foreign companies. During the assembly process, it takes 3 to 4 times of dynamic balance check, to ensure precision $< 3 \mu\text{m}$ in operation.



Most Professional Services

When the customers use our grinders, aside from the dimension and precision of processing items, the appearance after processing is also an important consideration for customer. The precision of the grinder will affect the appearance of the processing items, however, the matching grinding wheel is also one key point; according to the grinding material demanded by customer, such as steel, iron, copper, cast iron, porcelain, rubber, marble, etc., our company will discuss with the manufacturers of grinding wheel, and select the most suitable grinding wheel for customers.

In addition to the grinders with own brand, we can also design the grinders and grinding spindle meeting the customers' needs according to their production, environment, equipment and other special conditions, by usage of computer aided design software.

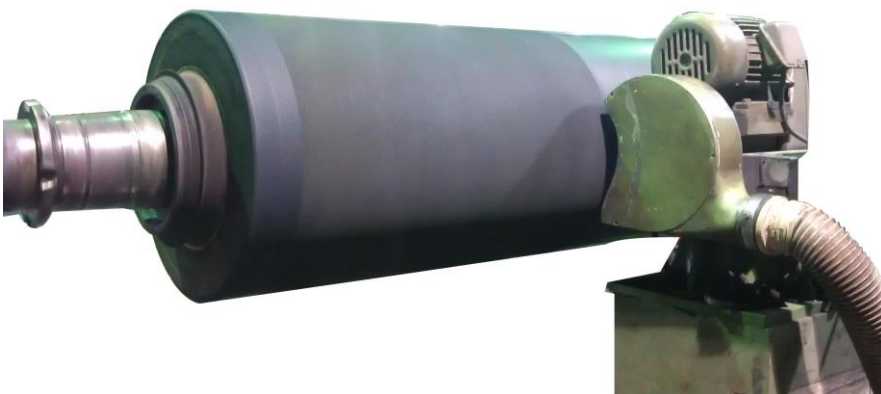
Most Favored by Customers

Our company takes 90% of share in Taiwan, moreover, we get consistent high praise in 60 overseas nations, such as America, Japan, Russia, Belgium, France, India, Malaysia, China, Germany, etc..



Grinders Produced by JhuHeng

1. The axis is made by alloy steel and treated by special heat treatment, which ensures the high rigidity and good wear resistance. The bearings adopt high precision bearings from famous foreign factories.
2. During the assembly process, it takes 3 to 4 times of dynamic balance check, to ensure precision $< 3 \mu\text{m}$ in operation.
3. The spindle holder of the grinder is adopted the three-contact design by cast iron, to ensure its stability and durability, and never deformation and damage.
4. All materials, such as steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble...and other work pieces, are suitable to this grinder, which can replace high cost cylindrical grinders.
5. With more than 30 years of experience in manufacturing and the assistant of computer-aided design (CAD) software, we designed the grinders and grinding spindle to meet customers' needs.
6. Customer base, our company takes 90% of share in Taiwan , moreover, we get consistent high praise in 60 overseas nations, such as America, Japan, Russia, Belgium, France, India, Malaysia, China, Germany, etc..





Basic Models-Product Show



JH-125A



JH-150A



JH-150L



JH-175A



JH-175S



JH-1110A



JH-1110S



JH-1135A



JH-3HP



JH-5HP



JH-7.5HP



JH-10HP



JH-15HP



Basic Models-Product Show

Specifications of Basic Models

Model	Motor Specifications			Dimension of Grinding Wheel		Spindle Speeds	Swing Over Cross Slide	Voltage Values	Weight	
	(HP)	50HZ (KW)	60HZ (KW)		OD x Thickness x ID	(RPM)	(mm)	(V)	(Kg)	
JH-125A	1/2	0.37	0.43	5(in)	125x16x16 (mm)	4300	200~280	220/380/ 415	21	
				Internal	25.5x10x6.35 (mm)	18000				
JH-150A	1.0	0.75	0.86	5(in)	125x16x16 (mm)	4300				28
				Internal	25.5x10x6.35 (mm)	18000				
JH-150L	1.0	0.75	0.86	8(n)	203x19x16 (mm)	3100	280~340	220/380/ 415/460	35	
				Internal	25.5x10x6.35 (mm)	18000				
JH-175A	2.0	1.5	1.75	10(in)	255x25.4x25.4 (mm)	2400	340~440		70	
JH-175S	2.0	1.5	1.75	10(in)	255x32x25.4 (mm)	2400			58	
JH-1110A	3.0	2.2	2.55	12(in)	305x32x101.6 (mm)	1900	>540		75	
JH-1110S	3.0	2.2	2.55	12(in)	305x32x101.6 (mm)	1900			63	
JH-1135A	5.0	4	4.55	14(in)	355x32x127 (mm)	1700			90	
JH-3HP	3.0	2.2	2.55	10(in)	255x32x76.2 (mm)	2400			90	
JH-5HP	5.0	4	4.55	12(in)	305x32x101.6 (mm)	1900			140	
JH-7.5HP	7.5	5.5	6.3	14(in)	355x40x127 (mm)	1700			157	
JH-10HP	10	7.5	8.6	16(in)	405x40x127 (mm)	1500			175	
JH-15HP	15	11	12.6	16(in)	405x50x127 (mm)	1500			185	

The above listed are standard specifications, if you need special specification, we can produce according to customer's requirement. Internal grinding spindle is attached in *125A / 150A / 150L.

*A Type – Adjustable Height.

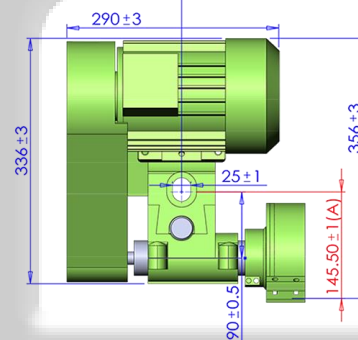
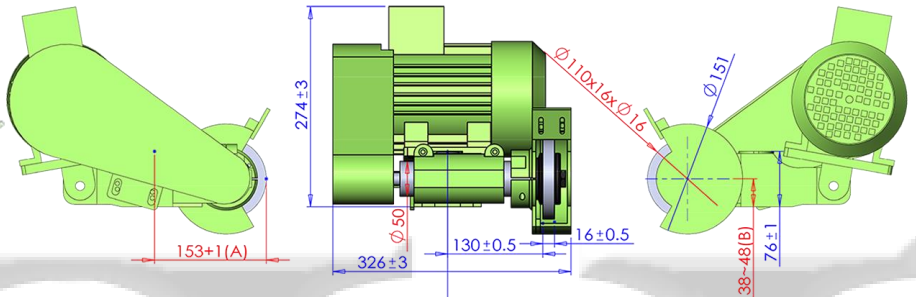
*S Type – Fixed Height.

*HP Type – Collocation Iron Plate.



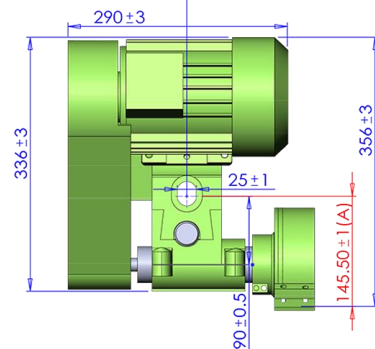
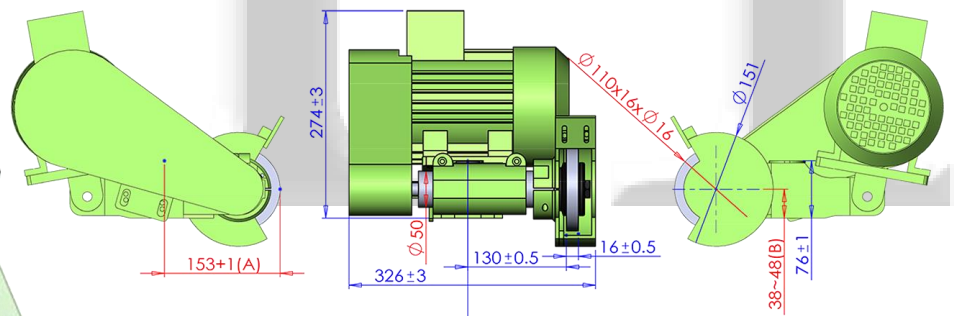
125A

Motor Spec	0.5HP (0.37 KW)
Dimension of Grinding Wheel	5(in)
Spindle Speeds	4300(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	21Kg



150A

Motor Spec	1HP (0.75 KW)
Dimension of Grinding Wheel	5(in)
Spindle Speeds	4300(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	28Kg

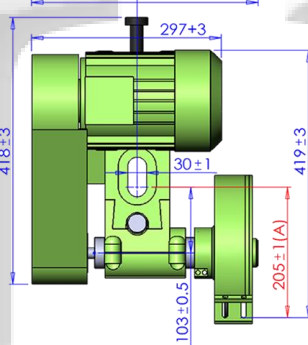
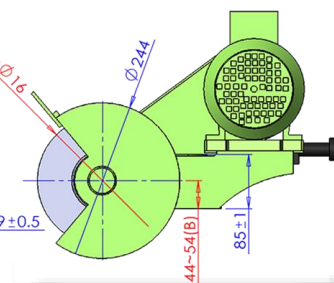
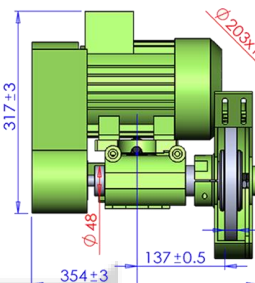
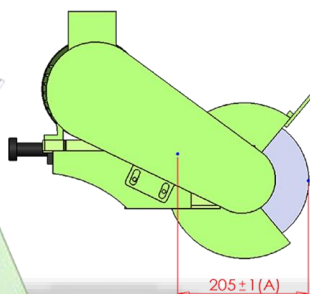


Basic Models-Product Show



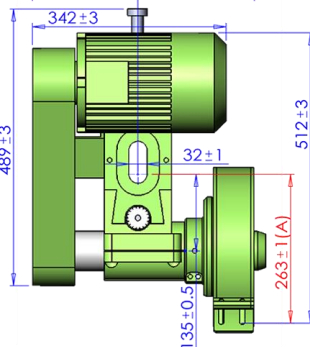
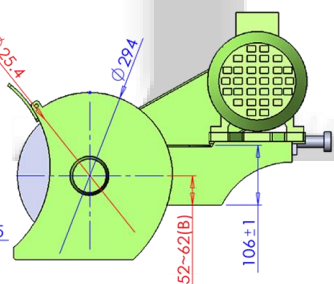
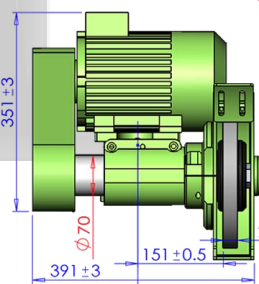
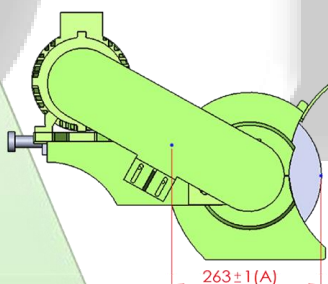
150L

Motor Spec	1HP (0.75 KW)
Dimension of Grinding Wheel	8(in)
Spindle Speeds	3100(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	35Kg



175A

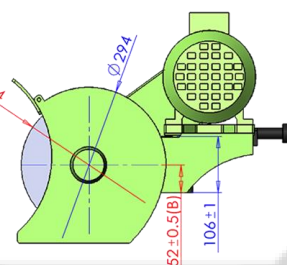
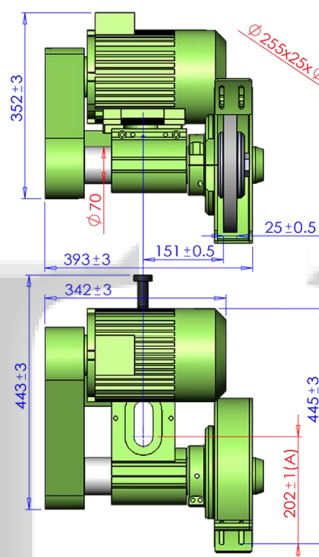
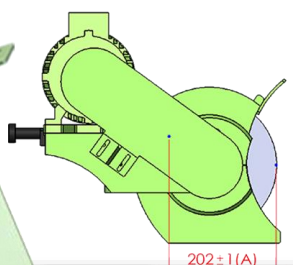
Motor Spec	2HP (1.5 KW)
Dimension of Grinding Wheel	10(in)
Spindle Speeds	2400(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	70Kg





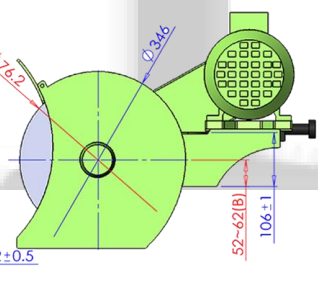
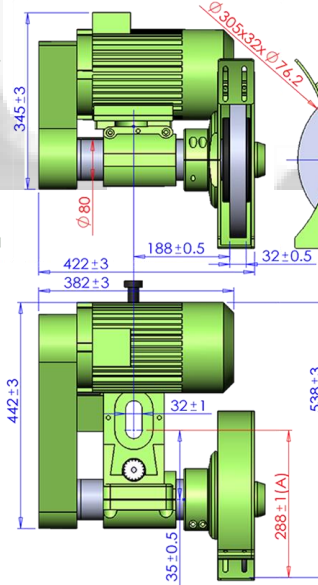
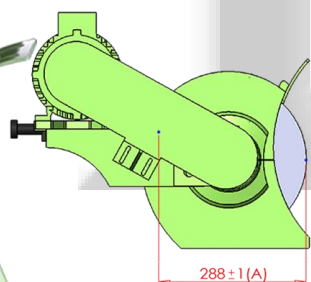
1755

Motor Spec	2HP (1.5 KW)
Dimension of Grinding Wheel	10(in)
Spindle Speeds	2400(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	58Kg



110A

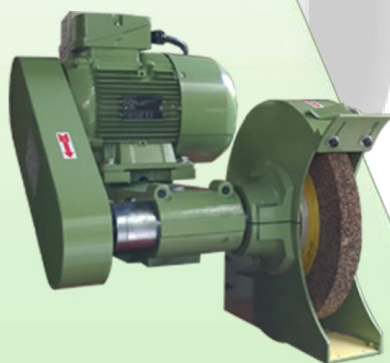
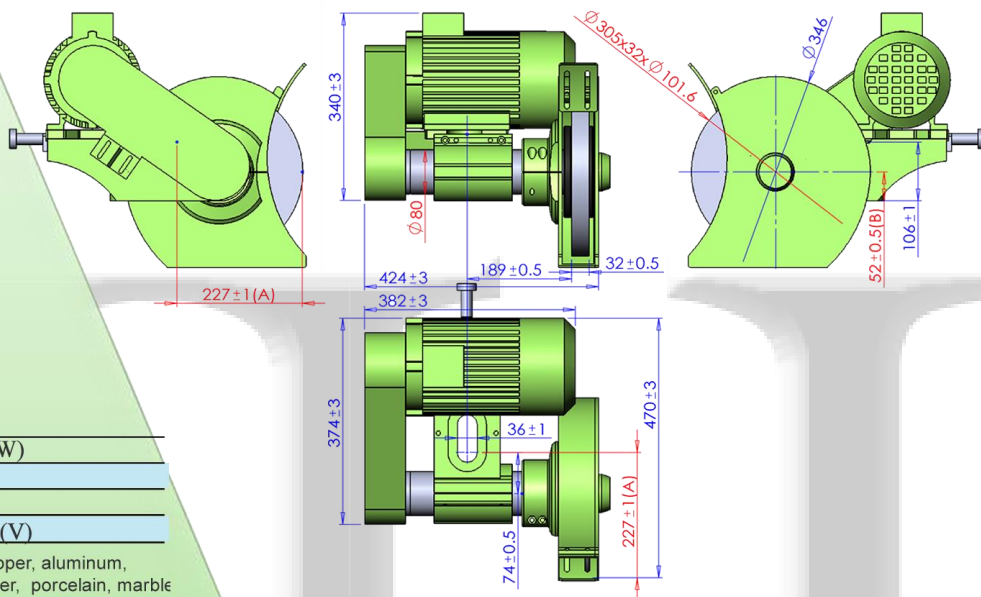
Motor Spec	3HP (2.2 KW)
Dimension of Grinding Wheel	12(in)
Spindle Speeds	1900(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	75Kg





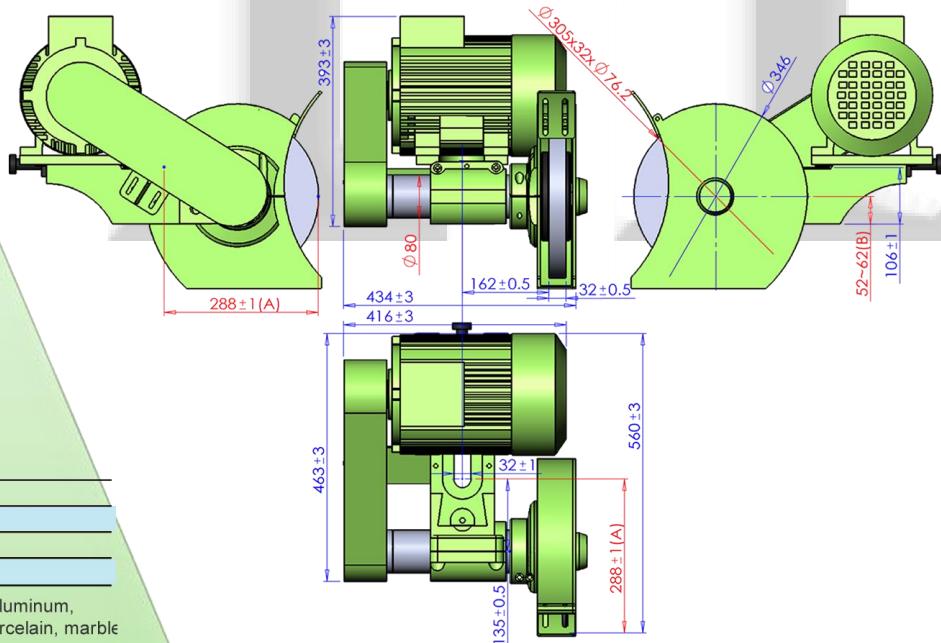
I110S

Motor Spec	3HP (2.2 KW)
Dimension of Grinding Wheel	12(in)
Spindle Speeds	1900(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	63Kg

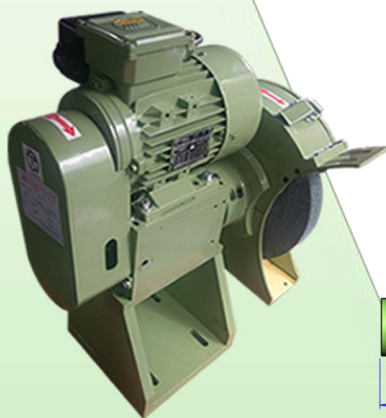


I135A

Motor Spec	5HP (4 KW)
Dimension of Grinding Wheel	14(in)
Spindle Speeds	1700(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	90Kg

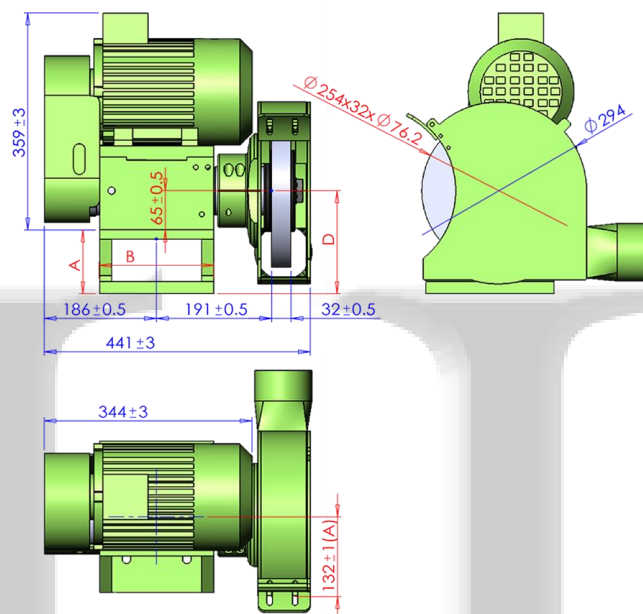
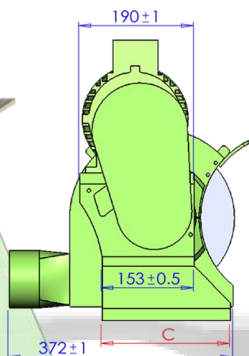


Basic Models-Product Show



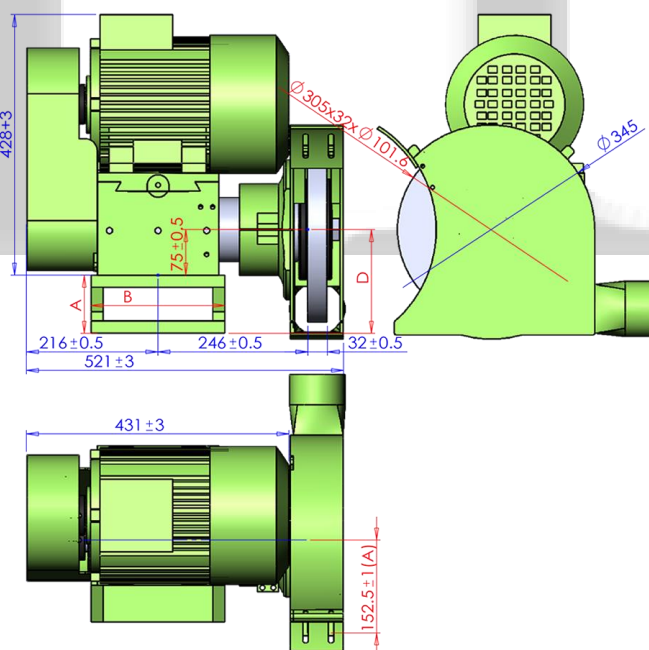
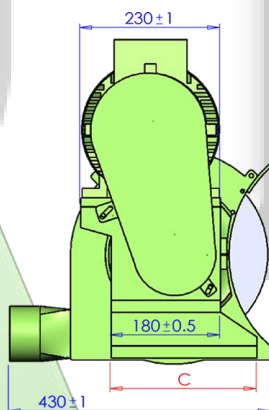
3HP

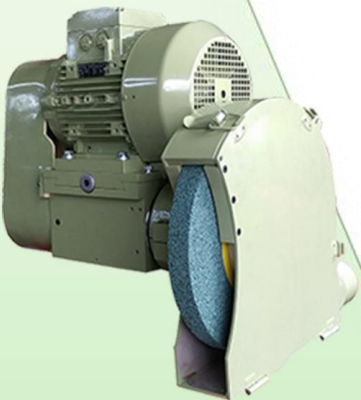
Motor Spec	3HP (2.2 KW)
Dimension of Grinding Wheel	10(in)
Spindle Speeds	2400(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	90Kg



5HP

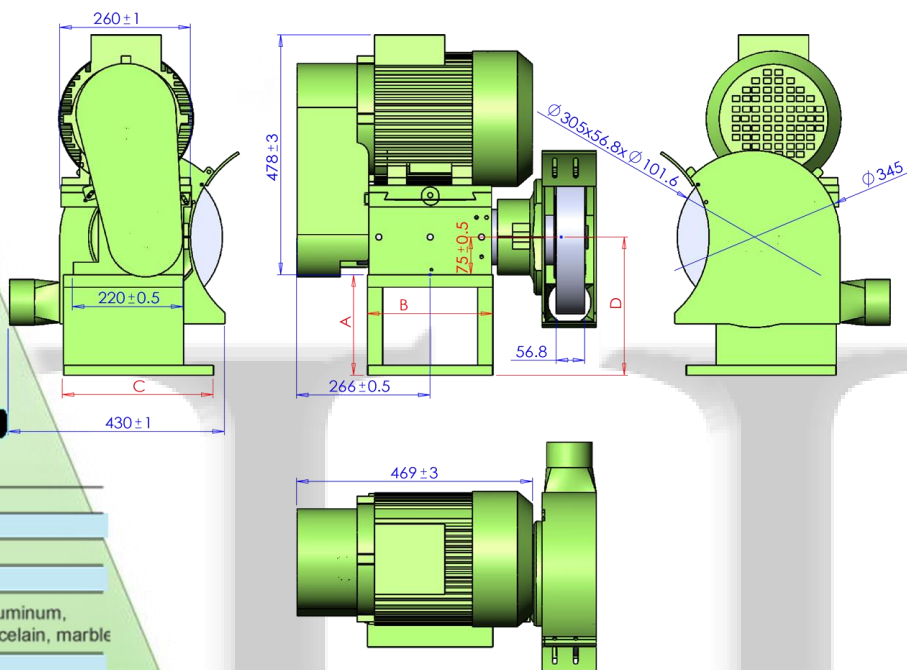
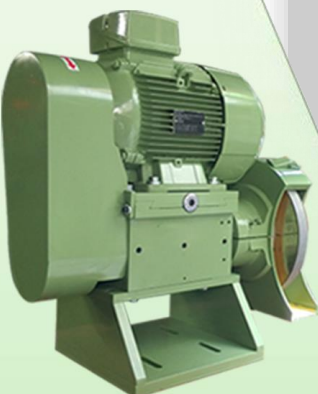
Motor Spec	5HP (4 KW)
Dimension of Grinding Wheel	12(in)
Spindle Speeds	1900(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	140Kg



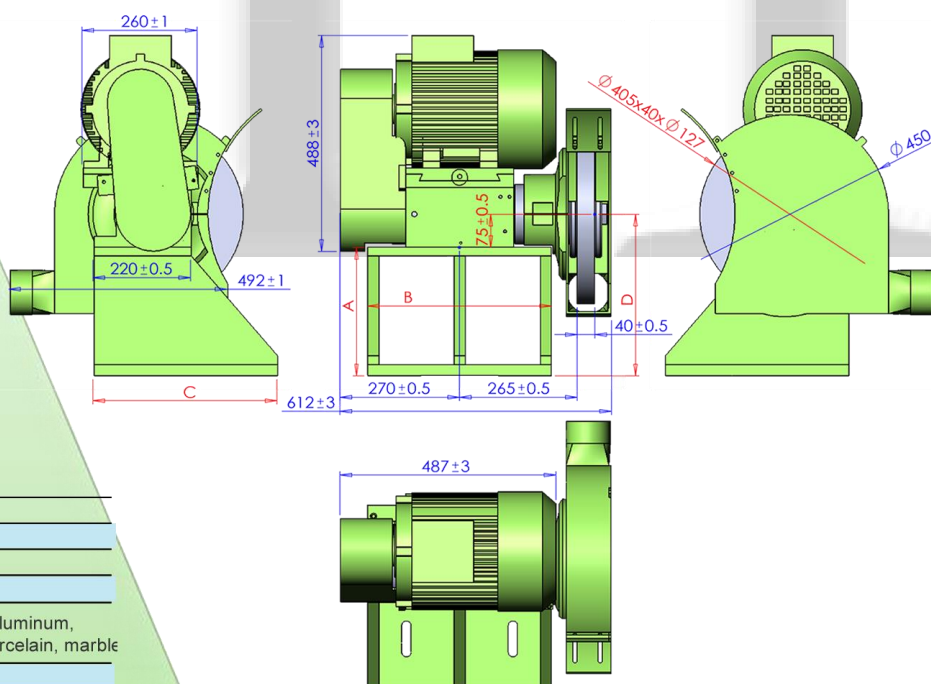
7.5HP

Motor Spec	7.5HP (5.5 KW)
Dimension of Grinding Wheel	14(in)
Spindle Speeds	1700(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	157Kg

10HP

Motor Spec	10HP (7.5 KW)
Dimension of Grinding Wheel	16(in)
Spindle Speeds	1500(RPM)
Voltage Values	220/380/415(V)
Grinding species	Steel, iron, copper, aluminum, cast iron, rubber, porcelain, marble
Vibration	<3um
Weight	175Kg





Motor Direct Shaft -Product Show



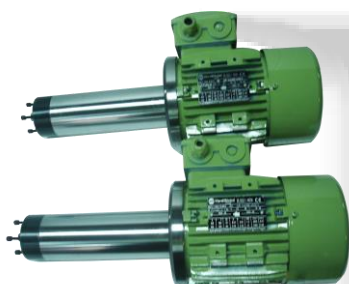
Motor Direct Shaft I



Motor Direct Shaft II



Motor Direct Shaft III



Motor Direct Shaft IV



Motor Direct Shaft V



Motor Direct Shaft VI



Motor Direct Shaft VII

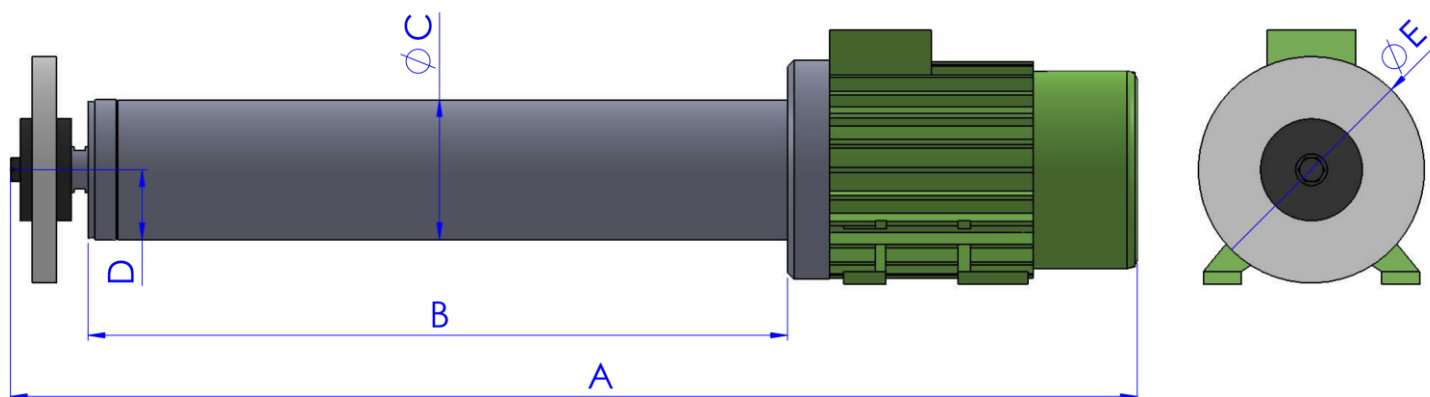


Motor Direct Shaft VIII



Motor Direct Shaft IX

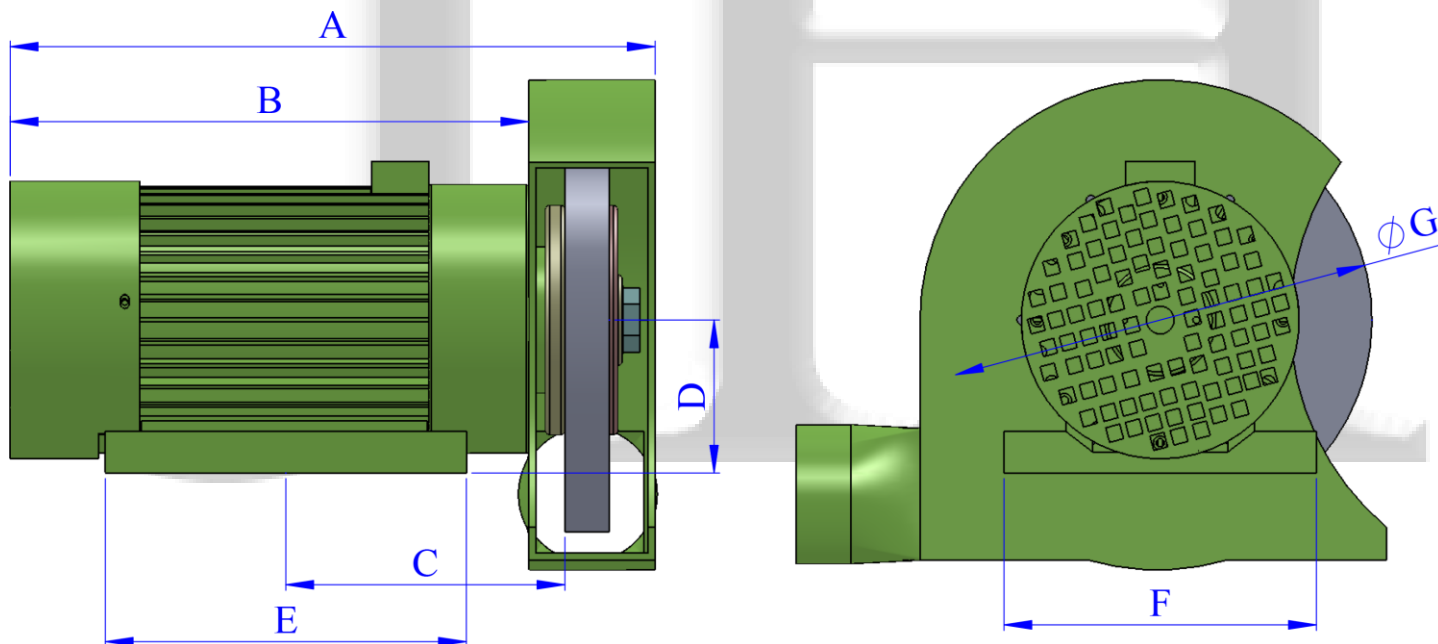
Motor Direct Shaft -Product Show



1HP~3HP Specifications of motor direct shaft

Model	Motor Specifications		Total Length	Tube Length	Tube Diameter	Tube - Wheel center height	Wheel Dimension	Voltage Values
	(HP)	(KW)	(A) mm	(B) mm	(C) mm	(D) mm	(E) mm	V
Motor Direct Shaft	1	0.75	276+(B)	For customer to make it	ϕ 80~ ϕ 110	40~55	6(in)~10(in)	220/380/415
	2	1.5	336+(B)					220/380/415
	3	2.2						220/380/415

The above listed are standard specifications, if you need special specification, we can produce according to customer's requirement.



S5HP~S10HP Specifications of motor direct shaft

Model	Motor Specifications		Total Length	Motor - Cover	Base center - Inside of Wheel	Base – Wheel center height	Base Length	Base width	Wheel Dimension	Voltage Values
	(HP)	(KW)	(A) mm	(B) mm	(C) mm	(D) mm	(E) mm	(F) mm	G (in)	V
Motor Direct Shaft	3	2.2	404	317	129	95	254	180	10 ~ 18	220/380/415
	5	4	462	373	203	112	260	205		
	7.5	5.5	511	410	190	141	310	300		
	10	7.5								

The above listed are standard specifications, if you need special specification, we can produce according to customer's requirement.



Customized Product I



Customized Product II



Customized Product III



Customized Product IV



Customized Product V



Customized Product VI



Customized Product VII



Customized Product VIII



Customized Product IX



Customized Product X



Customerized Spindle -Product Show



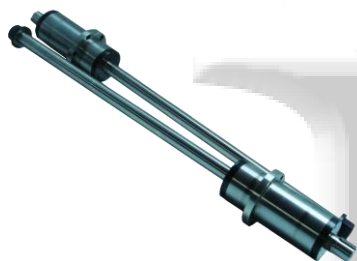
Customized Spindle I



Customized Spindle II



Customized Spindle III



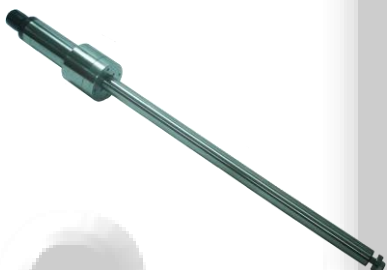
Customized Product IV



Customized Product V



Customized Product VI



Customized Product VII



Customized Product
VIII

Contact Us

In addition to manufacturing grinding machines for lathes, JHU HENG also offers custom design services tailored to meet customers' specific operating environments. We can assist customers in finding high-performance grinding wheels that deliver superior results. For any grinding-related inquiries or issues, feel free to contact us via email or phone at any time.



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