



# ZHS-3040

## CNC Hob Sharpening Machine

Founded in 1913, Matrix machine tool has remained the world's market leader in the manufacture of high precision cylindrical gear grinding and External / Internal thread grinding machine. With the integrated strength from HIWIN group, We are proud to introduce the Matrix **ZHS-3040** : CNC Hob Sharpening Machine. **ZHS-3040** combines FANUC controller and PC; it applies linear motors and direct drive motors, developing out the six-axis-control and four-axis-move high-precision grinder. **ZHS-3040** can sharpen the blade edges of straight and helical hobs and helical shaper cutters. Self-developed intelligent conversation window software is easy for operation. It can meet the brilliant high-precision and high-efficiency performance. **ZHS-3040** is your best choice.

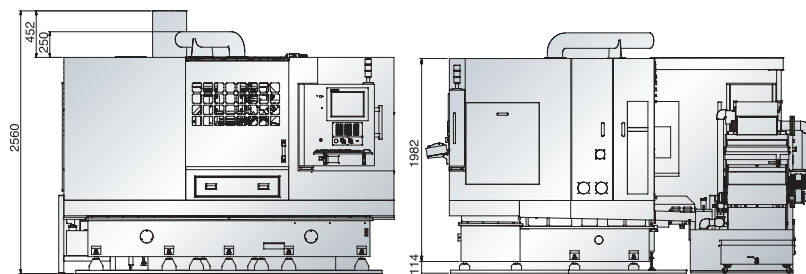
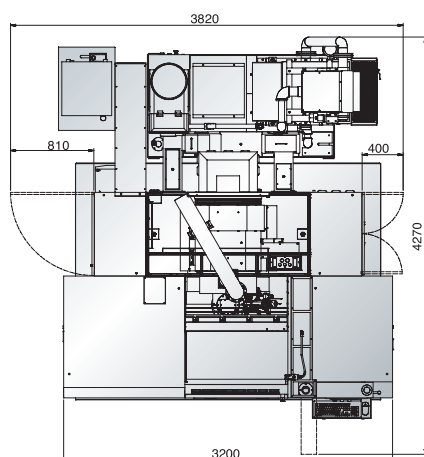


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## CNC Hob Sharpening Machine

MAIN SPECIFICATIONS		ZHS-3040
Min./Max. workpiece outside diameter	20mm / 230mm	0.8" / 9"
Max. length	300mm	11.8"
Max. grinding depth	35mm	1.3"
Flute range	1 ~ 99	
Lead angle range	±40°	
Gash lead range	300 ~ ∞ mm	11.8" ~ ∞ "
MECHANICAL SPECIFICATIONS		
Min. / Max. distance between centers	90mm / 550mm	3.5" / 21.6"
Max. axial slide travel (Z axis)	650mm	25.5"
Max. table load (Workpiece with carrier)	50kg	110lb
GRINDING WHEEL SPECIFICATIONS		
Min. abrasive grinding wheel root diameter/	30mm / 125mm	1.1" / 4.9"
Max. grinding wheel diameter		
Max. grinding wheel thickness	25mm	0.9"
Max. rpm of grinding spindle	10000 rpm	
Drive power of grinding spindle	15kW	20Hp
ELECTRIC SYSTEM		
Voltage	3Ø 220V	
Current Requirement	50 Amp	
Ambient Temperature	20°C ~ 26°C	68°F ~ 79°F
Max. Load of Machine	20 kVA	
CNC CONTROLLER		
FANUC		
DIMENSION & WEIGHT		
Space Requirement	L 4270 x W 3820 x H 2560mm (800mm (32") on each dimension is required for maintenance).	L 169" x W 151" x H100"
Weight of Basic Machine	8500 kg	18700 lb

The specifications are subject to the contract, as well as new technology and industrial advancements available.



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