



HANGING HIGH-SPEED GRINDING MACHINE

(MX3140)

(Suitable for India)

Service Instructions



Please read the instructions carefully before using.

南京固華機電科技有限公司

NANJING GUHUA ELECTROMECHANICAL TECHNOLOGY CO., LTD.



Management System Certification

**QUALITY MANAGEMENT SYSTEM
CERTIFICATION CERTIFICATE**

**NANJING GUHUA ELECTROMECHANICAL
TECHNOLOGY CO., LTD.**

No.16, Chenlv Road, Xiongzhou Industrial Park, Luhe District,
Nanjing, P.R.China Zip Code.211500

**The Quality Management System Conforms to the Standard
ISO9001:2015**

Certified Scope:

Manufacture Of Grinding Tools & Equipments

Unified Social Credit Code: 91320116MA1NKDQ18G

Registration No.: UQ172020R001

Issuing Date: 25 Dec 2017

Expiration Date: 24 Dec 2020



Chen
Issued By: _____



0277



The certified organization should accept regular surveillance, if the surveillance are qualified, the certificate will sustain effective

Address: 17/F, Building 3 (Triumph Centre), 170 Beiyuan Road, Chaoyang Dist., Beijing P.R.China Postcode: 100101 Tel: 010-84850008 Web Site: www.uico-web.com

This certification information can be queried on the CNCA official website (www.cnca.gov.cn)



CAUTIONS !

This equipment is limited to the use of the special grinding wheel for Guhua Hanging High-Speed Grinding Machine.

Linear Velocity: 80m/s.





Dear Client:

Thank you for purchasing and using our hanging high-speed grinding machine. In order to ensure your safety and proper use, maintenance of this equipment, please carefully read the following before using:

1. Overview

Guhua hanging high-speed grinding machine series products are specially researched & developed for the characteristics of foundry industry and problems existing in traditional grinding process. They own better cost performance, higher processing efficiency, longer service life, and are more safe and environmental-friendly.

2. Working Principle

Please see details in *Irreversible Electromagnetic Starter Wiring Schematic*.

3. Technical Parameter

Model: MX3140

Rated Power: 5.5KW

Rated Voltage: 440V

Rated Current: 9.4A

Frequency: 50HZ

Rated Speed: 3820r/min

Linear Velocity: 80m/s

4. Structure Characteristic

1) This equipment adopts motor and pulley to drive the grinding wheel. It is composed of its-drive type structure and turns according to prescribed speed of rotation.

2) One-button start function.

3) Overload and overheat protection function: when the motor is overloaded and the current is too high, the thermal relay will be automatically disconnected to protect the motor.

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- 4) This equipment has set safety shield for grinding wheel and has anti-shedding protection function.
 - 5) This equipment adopts sealed high-speed and high-temperature resistance bearing, it is not necessary to add lubricant.

5. Operation And Precaution

- 1) Before using, this equipment must be carefully checked whether each fastening piece is tight and whether there is stuck phenomenon or not. After installing, it should be carried out for 30 minutes no-load operation, then stop to check the situation of all parts and it can be put into use without any adverse condition.
- 2) The motor and the axial rotation direction of this equipment must be adjusted according to prescribed rotation direction.
- 3) After starting this equipment, it can be put into use after the grinding wheel rotates smoothly. If the grinding wheel shakes obviously, please stop to check it instantly and adjust it.
- 4) When replacing the grinding wheel, please use the special grinding wheel for Guhua hanging high-speed grinding machine and strictly do the no-load operation test.
- 5) It is forbidden to let the workpieces impact with grinding wheel and it must be exerted pressure gradually.
- 6) Operators should wear dust-proof glasses when grinding.
- 7) When grinding machine is operating, non-operating staff are strictly prohibited approaching.
- 8) It is strictly forbidden to dismantle the safety protective cover and then use this grinding machine.
- 9) During the operation of grinding machine, if abnormal phenomena and faults are found, immediately stop the machine and check, remove the fault in time.

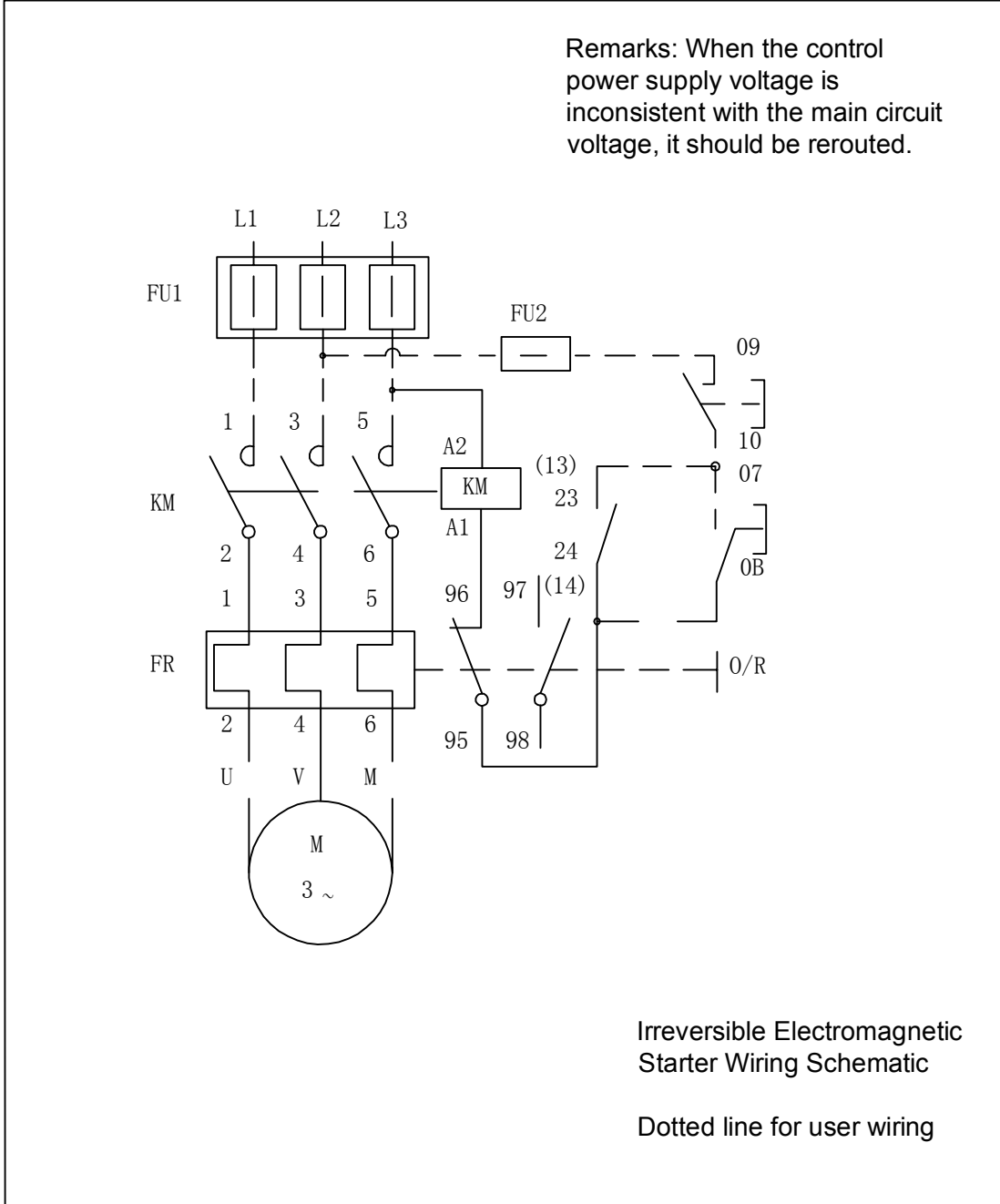


Please contact with us or arrange for professionals to repair, if a non-normal phenomenon occurs.

6. Maintenance

- 1) The special grinding wheel which applied to Guhua hanging high-speed grinding machine must keep dry and ventilated, and prevent corrosive substances from contamination.
- 2) Abrasive debris and dust in the protective cover of grinding machine should be cleaned regularly and keep clean.
- 3) If abnormal sound, vibration, overheating or other anomalies occur on the bearing parts when it is working, please stop and check it instantly. If the bearing becomes invalid, please replace it with same brand and specification bearing. When there is any problem on installation, please contact with us promptly. After replacing the bearing, this equipment must be carried out with no-load running test.

Appendix: Irreversible Electromagnetic Starter Wiring Schematic- MX3140 Hanging High-Speed Grinding Machine



1	FR	Thermal Overload Protector	Wiring Schematic	NANJING GUHUA ELECTROMECHANICAL TECHNOLOGY CO., LTD.		
2	KM	AC Contactor				
3	FU1	Fuse 1		Irreversible Electromagnetic Starter		
4	FU2	Fuse 2				
No.	Code	Name	DWG No.: GHMX-01			
1	2	3	4	5	6	



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