



EARTH-CHAIN
Power that works.

Ultimate Excellent Magnetic force
Simultaneous Precision

Mag Vise Magnetic Workholding

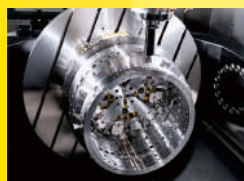
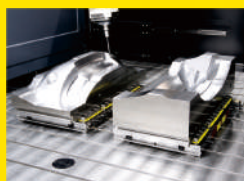
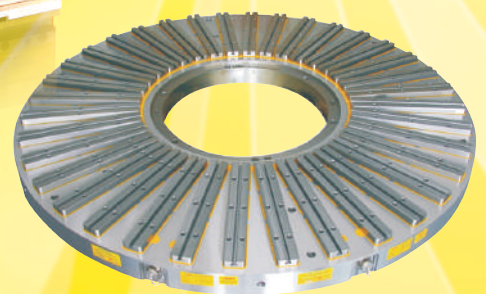
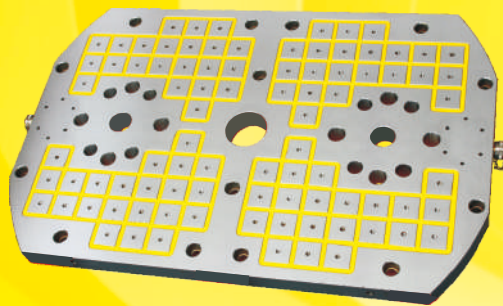
Used on Linear Guideway high precision or high accuracy oblong shape workpiece drilling, grinding machining...etc.

Efficiency, Convenience, High precision

EEPML Series



EARTH-CHAIN



EARTH-CHAIN ENTERPRISE CO., LTD.

 **Taiwan**
Corporation

Professional Manufacturer of Magnetic Tools

Earth-Chain Enterprise was established in 1988, specializing in manufacturing magnetic tools for industrial applications, which are marketed around the world under ECE brand. Owns various patented technologies and products under continuous developments for innovations and improvements as well as with over 40 patents. At present, the customized products have reached more than 50%, providing customers with the most complete product application technology.

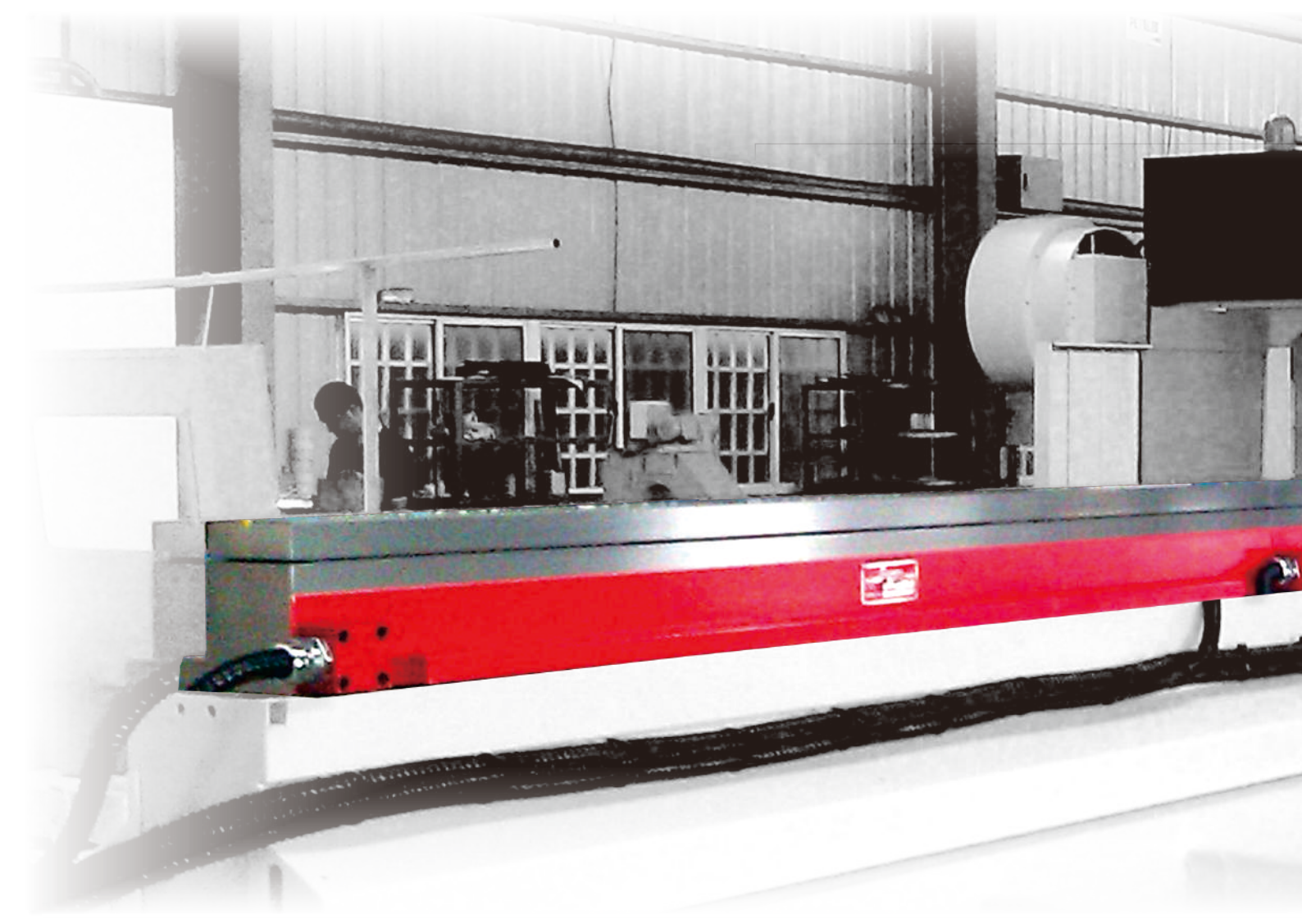
Develop MagVise magnetic workholding system is suitable for CNC vertical and horizontal Machining Center, Double Column machining center, vertical and horizontal Lathe and Quick Mold change system for plastic injection machine to improve productive efficiency for customers.

In response to the needs of the CNC automation market, Earth-Chain develops the human-machine interface touch screen built-in intelligent IC signal feedback device, the programmable driven machine tool integrates the magnetic clamping system and links with the robot arm device to reduce the labor time and operation complexity required for future industrial applications.

Prospecting toward the future, Earth-Chain introduces Industry 4.0 to actively invest the market in the supply chain and continuously provide excellent products and services for industrial users, who will advance with us to promote businesses and social improvements for sustainable developments.

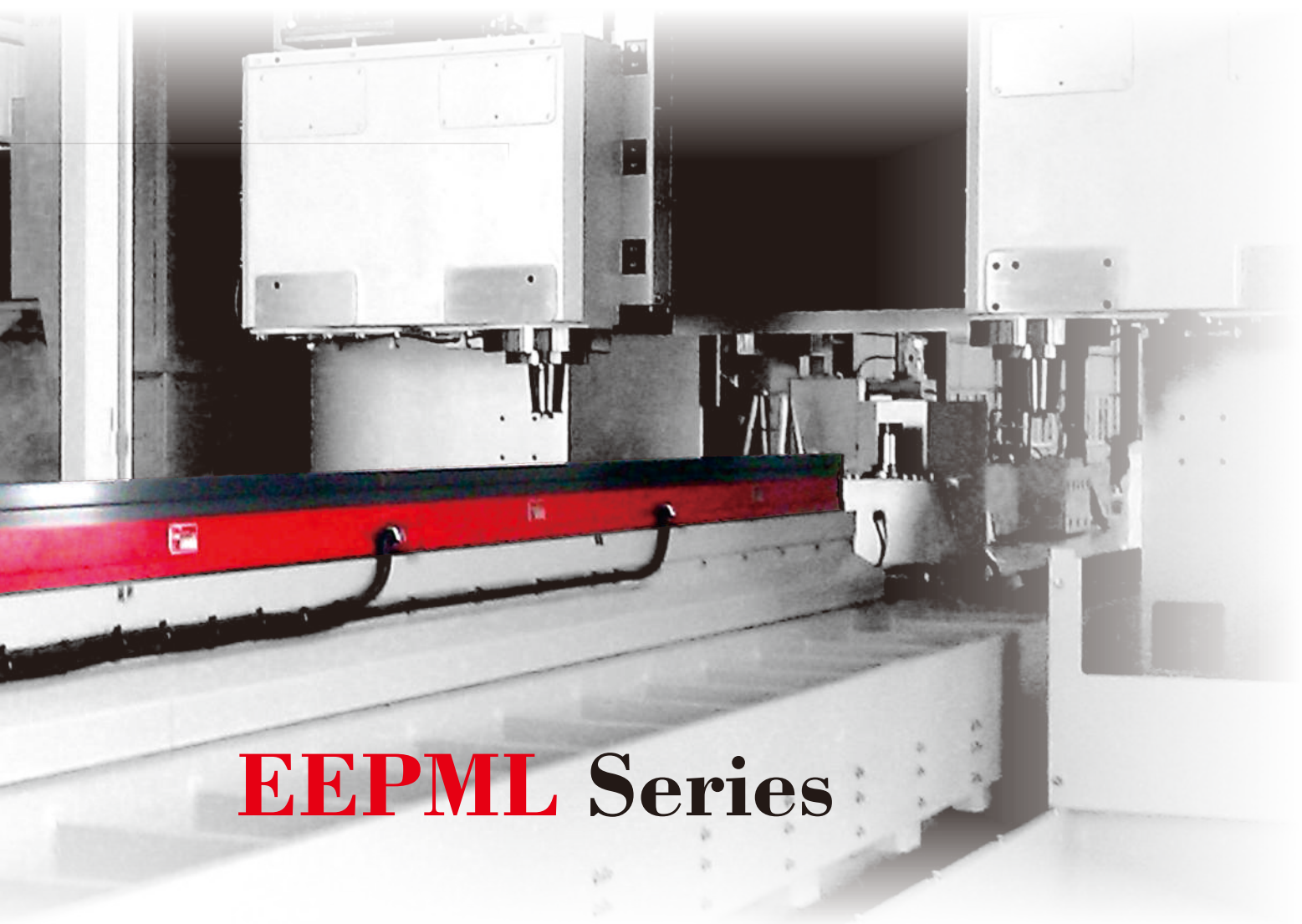


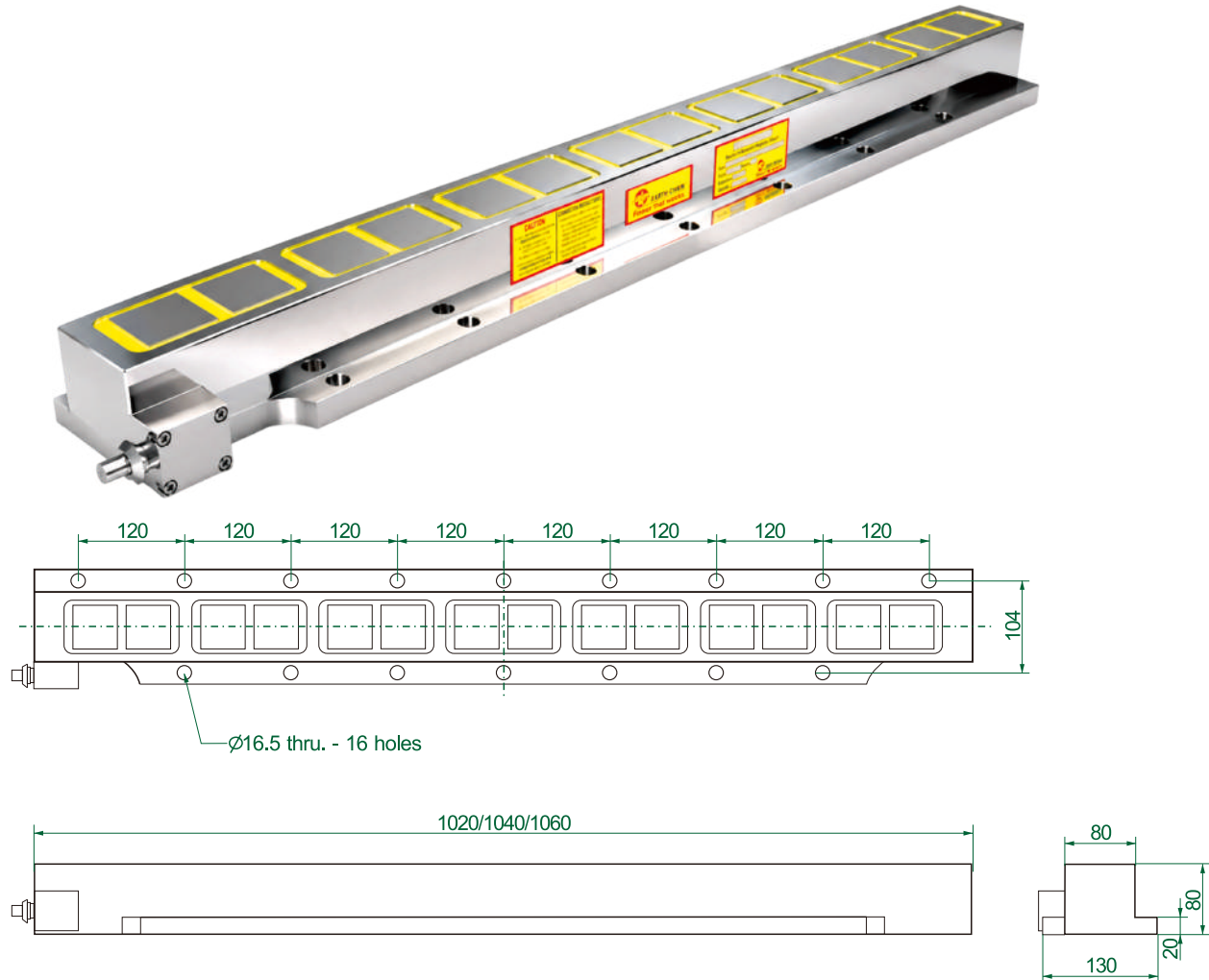
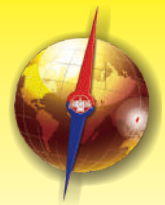
Efficiency, Convenience, High precision



Features

1. Structure of Electro-Permanent Magnetic Chuck, 1-3 seconds control for power ON & OFF. No electric power supply required to keep the chuck ON.
2. EEPM Chucks can be connected and one controller can be control multi-EEPM Chucks.
3. Linear guideway or long strip workpieces can be fully clamped by EEPM Chucks for increasing grinding accuracy.
4. It could be used for long time and never get temperatures to affect the accuracy of workpieces.





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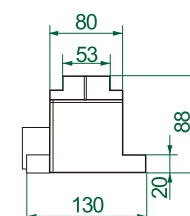
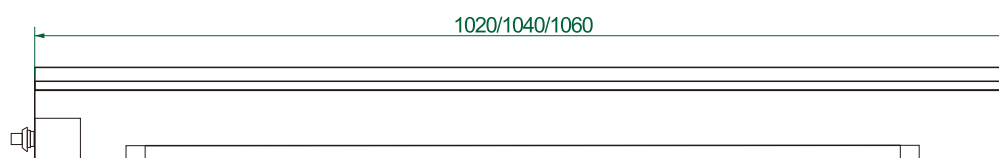
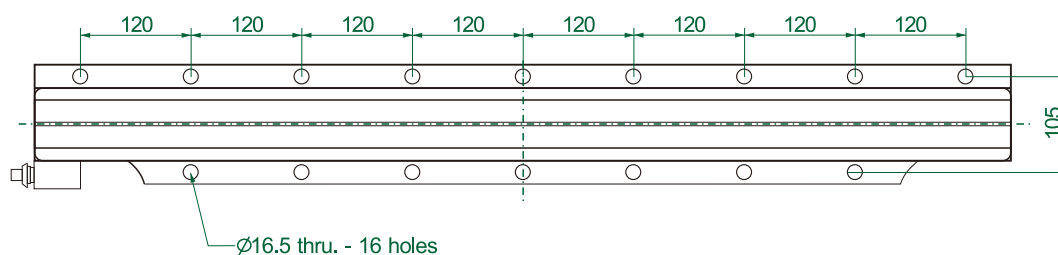
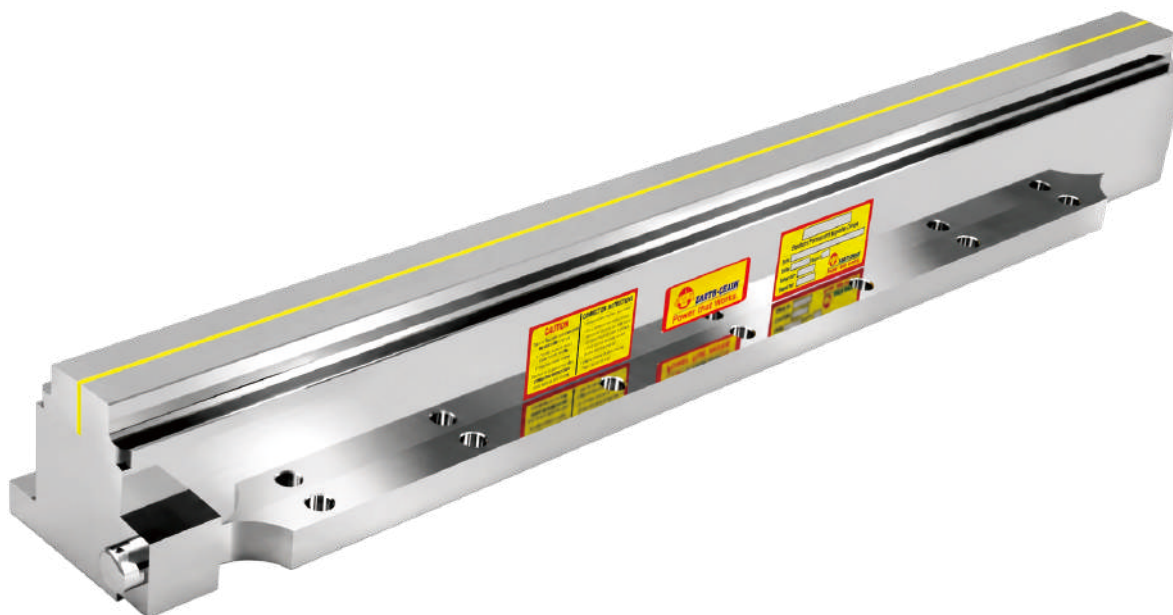
Applications:

With the lower price, suitable for large sizes of precision linear guideway or long strip workpiece.

Customized service-the following specifications are for reference only

Unit:mm

MODEL NO.	DIMENSION L X W X H	NO. OF POLE	TOTAL HOLDING POWER kgf ± 5%	CHUCK N.W.	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)
EEPm-08102WS	1020X130X80	14	3150	60kg	AC 220V	20A	C1	AC 380V 440V	10A	C1
EEPm-08104WS	1040X130X80	14	3150	61kg		20A	C1		10A	C1
EEPm-08106WS	1060X130X80	14	3150	62kg		20A	C1		10A	C1



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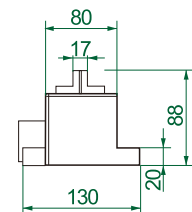
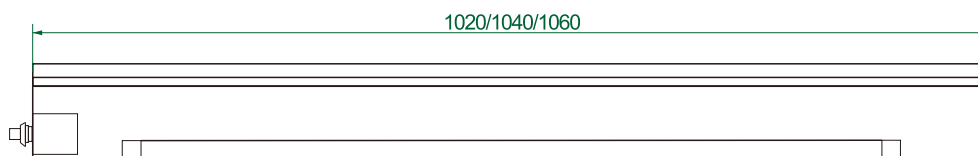
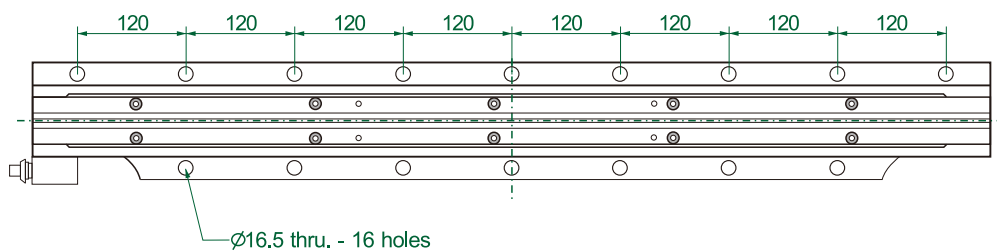
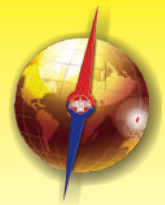
Applications:

1. Suitable for small, medium and large of linear guideway high precision or long strip workpieces.
2. Using induction block can be increased the precision of linear guideway grinding.

Customized service-the following specifications are for reference only

Unit:mm

MODEL NO.	DIMENSION L X W X H	NO. OF POLE	TOTAL HOLDING POWER kgf ± 5%	CHUCK N.W.	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)
EEPM-11-08102	1020X130X88	14	2275	65kg	AC 220V	20A	C1	AC 380V 440V	10A	C1
EEPM-11-08104	1040X130X88	14	2275	66kg		20A	C1		10A	C1
EEPM-11-08106	1060X130X88	14	2275	67kg		20A	C1		10A	C1



Features:

1. Structure of Electro-Permanent Magnetic Chuck, 1-3 seconds control fo power ON & OFF. No electric power supply required to keep the chuck ON.
2. EEPM Chucks can be connected and one controller can be control muti-EEPm Chucks.
3. Linear guideway or long strip workpieces can be fully clamped by EEPM Chucks for increasing grinding accuracy.
4. It could be used for long time and never get temperatures to affect the accuracy of workpieces.

Applications:

Induction block is changeable, can be suitable for small, medium and large of linear guideway high precision or long strip workpieces.

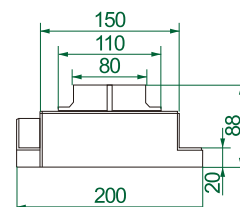
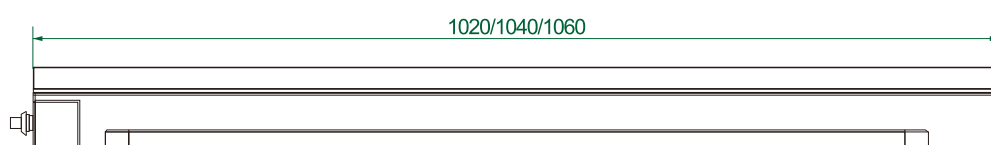
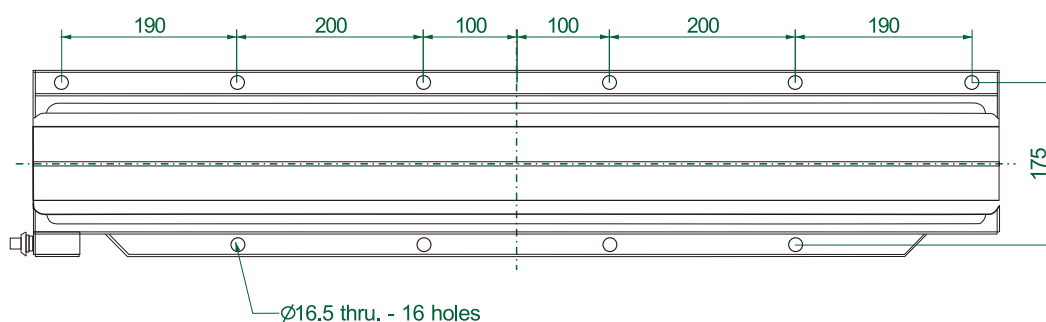
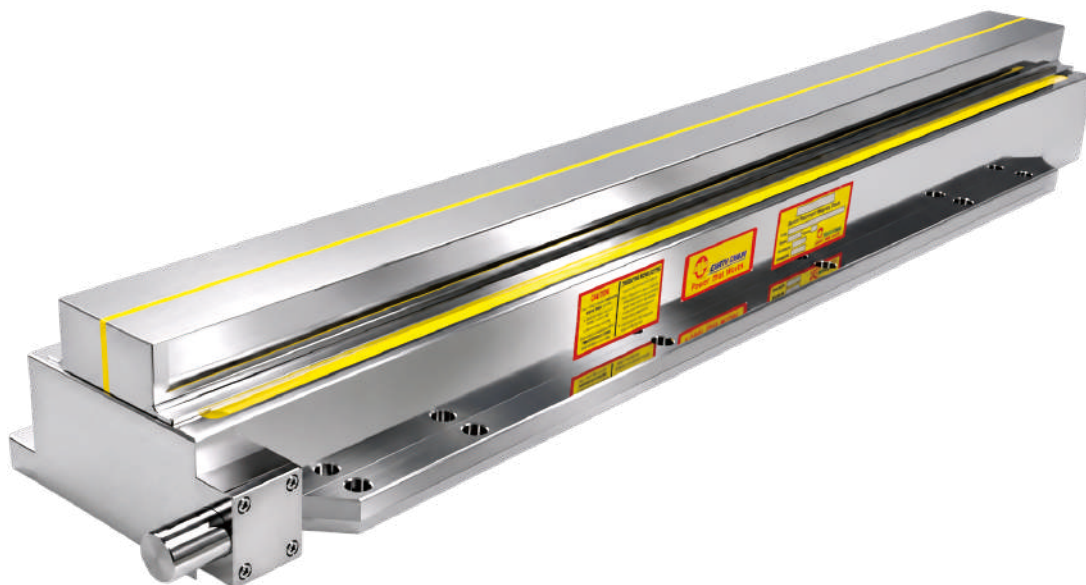
Customized service-the following specifications are for reference only

Unit:mm

MODEL NO.	DIMENSION L X W X H	NO. OF POLE	TOTAL HOLDING POWER kgf ± 5%	CHUCK N.W.	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)
EEPm-11-08102-1	1020X130X88	14	2275	63kg	AC 220V	20A	C1	AC	10A	C1
EEPm-11-08104-1	1040X130X88	14	2275	64kg		20A	C1	380V	10A	C1
EEPm-11-08106-1	1060X130X88	14	2275	65kg		20A	C1	440V	10A	C1

■ Induction block is changeable, can be suitable for small, medium and large of linear guideway high precision or long strip workpieces.

(Custom-made)



Features:

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2. EEPM Chucks can be connected and one controller can be control muti-EEPM Chucks.
3. Linear guideway or long strip workpieces can be fully clamped by EEPM Chucks for increasing grinding accuracy.
4. It could be used for long time and never get temperatures to affect the accuracy of workpieces.

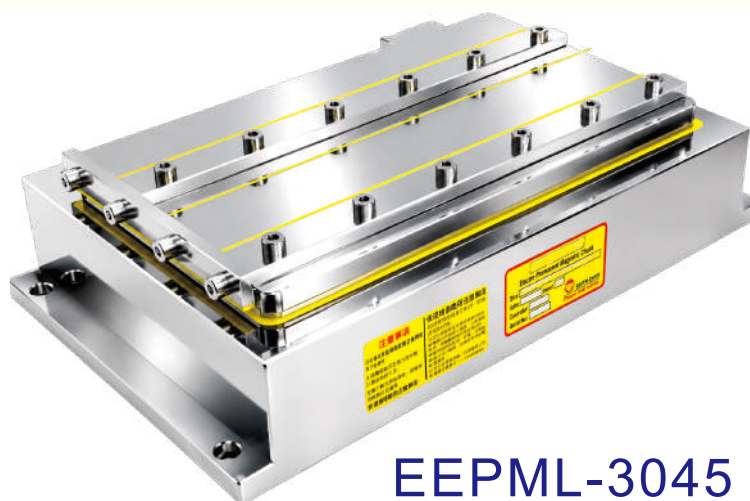
Applications:

1. Induction block is changeable, can be suitable for small, medium and large of linear guideway high precision or long strip workpieces.
2. Using induction block can be increased the precision of linear guideway grinding.

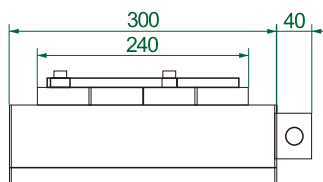
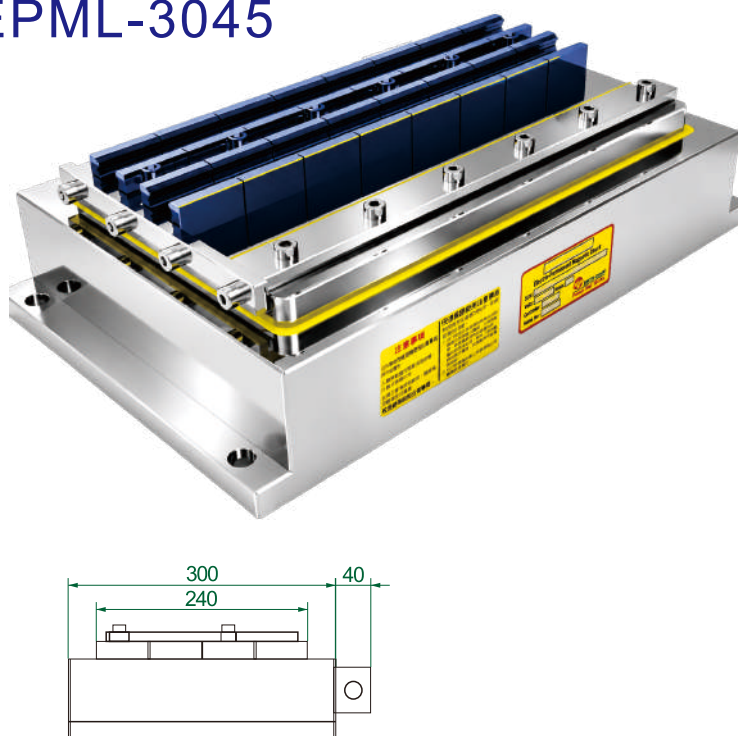
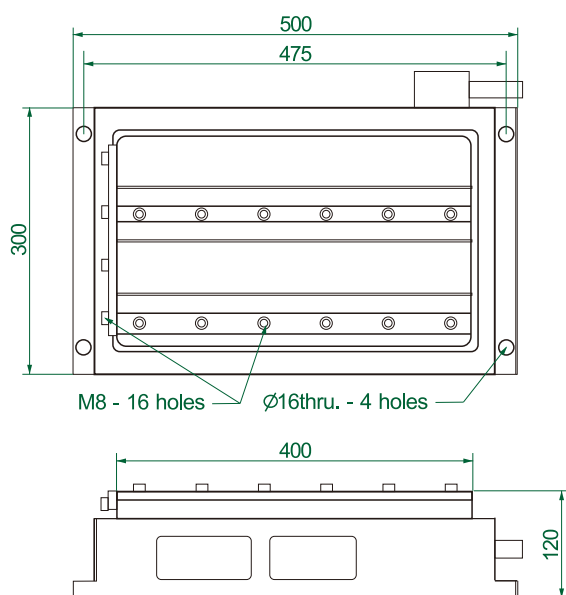
Customized service-the following specifications are for reference only

Unit:mm

MODEL NO.	DIMENSION L X W X H	NO. OF POLE	TOTAL HOLDING POWER kgf ± 5%	CHUCK N.W.	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)
EEPM-15-15102	1020X200X88	28	4550	101kg	AC 220V	33A	C1	AC 380V 440V	15A	C1
EEPM-15-15104	1040X200X88	28	4550	103kg		33A	C1		15A	C1
EEPM-15-15106	1060X200X88	28	4550	105kg		33A	C1		15A	C1



EEPML-3045



Features:

1. Structure of Electro-Permanent Magnetic Chuck, 1-3 seconds control fo power ON & OFF. No electric power supply required to keep the chuck ON.
2. It could be used for long time and never get temperatures to affect the accuracy of workpieces.

Applications:

1. Suitable for precision slider grinding.
2. Can be processed multiple workpieces simultaneously to shorten the clamping time.

Customized service-the following specifications are for reference only

Unit:mm

MODEL NO.	DIMENSION L X W X H	NO. OF POLE	TOTAL HOLDING POWER kgf ± 5%	CHUCK N.W.	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)
EEPML-3045	500X300X120	24	4800	115kg	AC 220V	20A	C1	AC 380V 440V	11A	C1

APPLY

WHAT YOU **NEED**,
WHAT WE **SUGGEST**

Application performance covers all the magnetic clamping and mechanica industries, get more than 50 domestic and foreign machinery manufacturers used.



MANUFACTURING

WHAT YOU **NEED**,
WHAT WE **MAKE**

Precision production / Stable Quality



台灣精品
TAIWAN EXCELLENCE

R&D



Marketing





OUR OTHER PRODUCTS SYSTEM



www.earth-chain.com

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